### GENERAL NOTICES • ALGEMENE KENNISGEWINGS

INDEPENDENT COMMUNICATIONS AUTHORITY OF SOUTH AFRICA NOTICE 494 OF 2018



# PURSUANT TO SECTION 4 (1) OF THE ELECTRONIC COMMUNICATIONS ACT 2005, (ACT NO. 36 OF 2005)

### HEREBY ISSUES A NOTICE INVITING COMMENTS REGARDING THE DRAFT RADIO FREQUENCY MIGRATION PLAN 2018

1. The Independent Communications Authority of South Africa ("the Authority"), in terms of section 4, read with sections 31 (4), 34 (7) (c) (iii), 34 (8) and 34 (16) of the Electronic Communications Act (Act No. 36 of 2005), hereby gives notice and invites comments on the draft *Radio Frequency Migration Plan 2018*.

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

#### Page 2/198

- Interested parties are hereby invited to submit written representations, including an electronic version of the representation in Microsoft Word, of their views on the First Draft Radio Frequency Migration Plan by no later than 16h00 on Friday, 12 October 2018.
- 3. Persons making representations are further invited to indicate whether they are requesting an opportunity to make oral representations which shall not exceed one hour.
- Public hearings will be held from 25 to 26 October 2018. The venue and schedule will be communicated to stakeholders who expressed interest in making oral representations.
- 5. Written representations or enquiries may be directed to:

The Independent Communications Authority of South Africa

Pinmill Farm Block A 164 Katherine Street South Africa

Private Bag XI0002

Sandton

2146

#### Attention:

Mr Manyaapelo Richard Makgotlho

e-mail: rmakgotlho@icasa.org.za

6. All written representations submitted to the Authority pursuant to this notice shall be made available for inspection by interested persons from 16 of October 2018 at the ICASA Library or website and copies of such representations and documents will be obtainable on payment of a fee.

No. 41854 307

Page 3/198

7. Where persons making representations require that their representation or part thereof be treated confidential, then an applications in terms of section 4D of the ICASA Act, 2000 (Act No. 13 of 2000) must be lodged with the Authority. Such an application must be submitted simultaneously with the representation on the draft regulations and plan. Respondents are requested to separate any confidential material into a clearly marked confidential annexure. If, however, the request for confidentiality is refused, the person making the request will be allowed to withdraw the representation or document in question.

ADIA

RUBBEN MOHLALOGA CHAIRPERSON

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 4/198



# Draft

# **Frequency Migration Plan**

# August 2018

Draft Frequency Migration Plan Consultation Document

No. 41854 309

Page 5/198

## PART 1

## **Frequency Migration Regulations Overview**

Page 6/198

#### REGULATION

#### **Overview - Radio Frequency Migration Regulations**

#### SCHEDULE

#### 1. Definitions

In these Regulations, terms used shall have the same meaning as in the Electronic Communications Act 2005 (no. 36 of 2005); unless the context indicates otherwise:

"Act" means the Electronic Communications Act, 2005 (Act No. 36 of 2005) as amended;

"ITU" means the International Telecommunications Union;

**"SADC FAP"** means the Southern African Development Community Frequency Allocation Plan;

"User" means a licensed or licence exempt user of the radio frequency spectrum; and

"WRC" means the World Radio Conference.

#### 2. Overview

The Authority, on 3 April 2013, in Government Gazette number 36334 (Notice 352 and 353) published the Radio Frequency Migration Regulations and Radio Frequency Migration Plan and Explanatory Document.

#### 3. Purpose

The purpose of the regulations was to establish the framework by which the Authority may migrate users of the radio frequency spectrum under the National Radio Frequency Plan of South Africa.

#### 4. Principles

Page 7/198

- Radio frequency spectrum migration must be in accordance with the Radio Frequency Migration Plan.
- (2) Radio frequency spectrum migration must be consistent with the National Radio Frequency plan.
- (3) The National Radio Frequency Plan itself must be consistent with the International Telecommunications Union (ITU) Radio-regulations as updated by WRC, and with the SADC FAP.
- (4) Allocations and assignments of radio frequency spectrum that are no longer in line and accordance with the National Radio Frequency Plan will be migrated.
- (5) The users to be migrated shall not be entitled to be compensated by the Authority for the costs of the migration.
- (6) To the extent that it is possible, the cost of migration should be minimised by considering, amongst other things, the duration of the licence and the economic life time of the equipment.
- (7) Frequency Migration is required in the core and central astronomy advantage areas in terms of section 22(2) (c) of the Astronomy Geographical Advantage Act (Act No. 21 of 2007).

#### 5. Process for Radio Frequency Migration

The Authority shall initiate a process of radio frequency migration in the following circumstances:

- (a) As specified in the Frequency Migration Plan.
- (b) Where a change in the use of a radio frequency band is required to bring the South African National Radio Frequency Plan in line with the final acts of the latest WRC and in turn, the latest ITU Radio-Regulations Edition.
- (c) Where a change in the use of a radio frequency band is required to ensure harmonisation of the latest published South African National Radio Frequency Plan with the latest approved SADC FAP.

Page 8/198

- (d) Where the Authority has determined that a change in use of the frequency is necessary for efficient utilisation of the radio frequency spectrum and to otherwise meet the objectives of the Act.
- (e) Where the Authority has determined that a change in a radio frequency spectrum licence holder's assignment within a radio frequency band is required to enable more efficient use of the radio frequency spectrum (in-band migration). Or
- (f) Where a South Africa specific requirement must be accommodated such as that arising from protecting radio frequency spectrum for radio astronomy purposes in core and central astronomy advantage areas in terms of the Astronomy Geographical Advantage Act (Act No. 21 of 2007), However the Authority should guard against non-standard frequency spectrum usage and application practices.

#### 6. Preparation of a Radio Frequency Spectrum Assignment Plan

- (1) A change in the use of a radio frequency band(s) must be initiated through a Radio Frequency Spectrum Assignment Plan for the radio frequency spectrum bands in the manner specified in the latest Radio Frequency Spectrum Regulations in force.
- (2) With respect to the radio frequency migration process, a Radio Frequency Assignment Plan may include
  - (a) The process for migrating existing users and usages from their existing spectrum location, specifying the bands to which the users and uses will be migrated; including in-band migration where applicable.
  - (b) The time scale for the reallocation of the radio frequency band in question, specifying the date at which the users to be migrated should cease transmission.
- (3) A Radio Frequency Spectrum Assignment Plan shall be subject to public consultation:
  - (a) The Authority shall publish the Radio Frequency Spectrum Assignment Plan in the Government Gazette, inviting interested persons to submit written representations as specified by the notice in the Gazette.

No. 41854 313

Page 9/198

(b) The Authority may, after any defined period for lodging comments by interested persons has passed, hold a public hearing in respect of the application.

#### 7. Amendment of a Radio Frequency Spectrum Licence

- Upon completion of the Radio Frequency Spectrum Assignment Plan, the Authority must issue a notice to users to be migrated.
- (2) The notice of amendment may include the following:
  - (a) The date at which the licensee must cease transmitting within the frequency range of his existing assignment.
  - (b) The date at which the licensee may commence transmitting within the new assignment.
  - (c) The date within which the licensee must collect their updated radio frequency spectrum licence which contains the new terms and conditions of the new assignment, including technical parameters and whether the assignment is exclusive or shared.

#### 8. Short title and commencement

The Regulations are called the Radio Frequency Migration Regulations 2013 and came into effect on 3 April 2013.

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 10/198

## PART 2

## **Draft Radio Frequency Migration Plan**

No. 41854 315

Page 11/198

## **Table of Contents**

1	Introduction	18
1.1	Purpose	
1.2	Definitions	
1.2.1	ITU Definitions	
1.2.2	Defining Spectrum Migration	
1.2.3	Spectrum re-farming	
1.2.4	Other definitions	21
2	Review of Legislation and Regulations	
2.1	Electronic Communications Act	
2.1.1	Section 34 - Radio Frequency Plan	
2.1.2	Section 31 - Radio Frequency Spectrum Licence	
2.1.3	Chapter 3 – Licensing Framework	
2.1.4	Spectrum Licence Duration	23
2.2	Review of Regulations	
2.2.1	Radio Frequency Spectrum Regulations	
2.2.2	Terrestrial Broadcasting Frequency Plan	
2.3	Overview of rights and responsibilities	
2.3.1	Radio frequency spectrum rights	
2.3.2	Responsibilities	
3	Principles Governing Frequency Migration	27
3.1	Identification of Bands are subject to Frequency Migration	
3.2	Process	
3.3	Time Frame for Migration	27
3.3.1	Duration of the radio frequency spectrum licence	
3.3.2	Time Frame to migrate existing end users	
3.3.3	Economic life of the equipment installed	
3.3.4	Adequate Forward Planning	
3.3.5	Conclusions regarding time frame	
4	Development of the Radio Frequency Migration Plan	
4.1	Background	

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 12/198

4.2	International Context	30
4.3	Approach to development of FMP	31
4.4	SABRE 1 and SABRE 2	34
4.4.1	SABRE 1 – 1997	34
4.4.2	SABRE 2 – 2001	35
4.4.3	Analysis of SABRE	35
4.5	National Radio Frequency Plans	36
4.5.1	The South African Table of Frequency Allocations 2004	37
4.5.2	National Radio Frequency Plan 2010	37
4.5.3	National Radio Frequency Plan 2013	37
4.5.4	National Radio Frequency Plan 2018	38
4.6	SADC Frequency Allocation Plan (FAP)	38
4.7	World Radio Conference 2015	38
4.7.1	Mobile broadband communications	38
4.7.2	Amateur radio service gets new allocation	39
4.7.3	Emergency communications and disaster relief	39
4.7.4	Search and rescue	39
4.7.5	Earth observation satellites for environmental monitoring	40
4.7.6	Unmanned aircraft and wireless avionics systems	40
4.7.7	Global flight tracking for civil aviation	40
4.7.8	Enhanced maritime communications systems	40
4.7.9	Road Safety	41
4.7.10	Operation of broadband satellite systems: Earth Stations in Motion	41
4.7.11	Universal Time	41
4.7.12	Conclusion on WRC 15 Resolutions	41
4.8	ITU World Radio Conference resolutions	42
4.9	Key issues with respect to migration	42
4.10	Commentary on bands with respect to Frequency Migration Plan 201	344
4.10.1	75.2 – 87.5 MHz	44
4.10.2	138 – 144 MHz	44
4.10.3	150.05 – 153 MHz	44
4.10.4	156.4875 – 156.5625 MHz	45
4.10.5	156.875 - 174 MHz	45

No. 41854 **317** 

Page 13/198

4.10.6	174 – 223 MHz
4.10.7	223 – 230 & 230 – 238 MHz
4.10.8	238 – 267 MHz
4.10.9	335.4 - 387 MHz
4.10.10	335-387 & 387 – 390 & 390 – 399.9MHz
4.10.11	410 – 420 & 420-430 MHz
4.10.12	440 - 450 MHz
4.10.13	450 - 455 & 455 - 456 & 456 - 459 & 459 - 460 & 460 - 470 MHz 49
4.10.14	694 - 790 MHz
4.10.15	790 - 862 MHz
4.10.16	862 - 890 MHz
4.10.17	890 - 942 MHz
4.10.18	942 - 960 MHz
4.10.19	1350 - 1375 (1492- 1517)/ 1375 – 1400 (1427 – 1452) MHz52
4.10.20	1452 - 1492 MHz53
4.10.21	1518 - 1525 MHz54
4.10.22	1525 – 1530 & 1530 – 1535 & 1535 – 1559 MHz
4.10.23	1668 – 1675/ 2483.5 - 2500 MHz
4.10.24	1880 - 1900 MHz55
4.10.25	1980-2010/ 2170-2200 MHz55
4.10.26	2025 – 2110 paired with 2200 - 2285 MHz
4.10.27	2290 - 2300 MHz
4.10.28	2300 - 2450 MHz
4.10.29	2500 - 2690 MHz
4.10.30	3400 - 3600 MHz
4.10.31	3600 - 4200 MHz
4.10.32	5470 - 5725 MHz
4.10.33	5725 - 5850 MHz
4.10.34	5850 - 5925 MHz
4.10.35	5925 - 6700 MHz
4.10.36	10700 - 11700 MHz59
4.10.37	12390, 16420 and 154 – 15700 MHz59

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 14/198

4.10.38	40000 MHz and above	59						
4.11	Summary of the Authority's decision							
4.12 Commentary on Spectrum Re-farming								
4.12.1	61							
4.12.2	2.2 Need for Re-farming in GSM / Mobile bands							
4.12.3	Points of consideration for GSM / Mobile Bands	62						
5	Potential Impact of Spectrum Migration	63						
5.1	Bands planned for IMT	63						
5.2	Frequency Migration Resolutions resulting from WRC 15	64						
5.3	Other Migration issues	78						
6	Frequency Migration Plan	80						
6.1	Progress Update to Frequency Migration Plan 2013	80						
Appendi	x A Glossary	101						
Appendi	x B ECA – Article 34	107						
Appendi	x C SABRE 2 – 2001	110						
Appendi	x D SATFA – 2004	112						
Appendi	x E National Radio Frequency Plan – 2010 and 2013	113						
Appendi	x F National Radio Frequency Plan – 2018	115						
Appendi	x G: Summary of the Impact of the Proposed Frequency Migra 2013 included in this document							
1	Technical Investigation	118						
1.1	Applicable Frequency Allocation and Band information 69.25 MHz							
1.1.1	Channel Plans for the Frequency Allocation	121						
1.1.2	Licensing information for the applicable frequency allocation	131						
1.1.3	Areas where licensed frequencies are operational	131						
1.2	Applicable Frequency Allocation and Band information 138 MHz to							
1.2.1	Channel Plan for the Frequency Allocation	132						
1.2.2	1.2.2 Licensing information for the applicable frequency allocation							
1.2.3	Areas where licensed frequencies are operational	133						

No. 41854 **319** 

Page 15/198

1.3	Applicable Frequency Allocation and Band information 150.05 MHz to 153.05 MHz 134
1.3.1	Channel Plan for the Frequency Allocation
1.3.2	Licensing information for the applicable frequency allocation
1.3.3	Areas where licensed frequencies are operational
1.4	Applicable Frequency Allocation and Band information 156.4785 to 156.5625 MHz
1.4.1	Channel Plan for the Frequency Allocation 140
1.4.2	Licensing information for the applicable frequency allocation
1.4.3	Areas where licensed frequencies are operational
1.5	Applicable Frequency Allocation and Band information 380 MHz to 400 MHz 
1.5.1	Channel Plan for the Frequency Allocation 143
1.5.2	Licensing information for the applicable frequency allocation
1.5.3	Areas where licensed frequencies are operational
1.6	Applicable Frequency Allocation and Band information 403 MHz to 406 MHz
1.6.1	Channel Plan for the Frequency Allocation 149
1.6.2	Licensing information for the applicable frequency allocation
1.6.3	Areas where licensed frequencies are operational
1.7	Applicable Frequency Allocation and Band information 406 MHz to 426 MHz
1.7.1	Channel Plan for the Frequency Allocation
1.7.2	Licensing information for the applicable frequency allocation
1.7.3	Areas where licensed frequencies are operational
1.8	Applicable Frequency Allocation and Band information 440 MHz to 450 MHz
1.8.1	Channel Plan for the Frequency Allocation
1.8.2	Licensing information for the applicable frequency allocation
1.8.3	Areas where licensed frequencies are operational
1.9	Applicable Frequency Allocation and Band information 450 MHz to 470 MHz
1.9.1	Channel Plan for the Frequency Allocation
1.9.2	Licensing information for the applicable frequency allocation
1.9.3	Areas where licensed frequencies are operational

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320 No. 41854

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 16/198

1.10	Applicable Frequency Allocation and Band information 452.5 MHz to 457.5 MHz and 462.5 MHz to 467.5 MHz173
1.10.1	Channel Plan for the Frequency Allocation174
1.10.2	Licensing information for the applicable frequency allocation
1.10.3	Areas where licensed frequencies are operational
1.11	Applicable Frequency Allocation and Band information 694 MHz to 960 MHz
1.11.1	Channel Plan for the Frequency Allocation 176
1.11.2	Areas where licensed frequencies are operational178
1.12	Applicable Frequency Allocation and Band information 1350 MHz to 1375 MHz & 1492 MHz to 1517 MHz
1.12.1	Channel Plan for the Frequency Allocation181
1.13	Applicable Frequency Allocation and Band information 1518 MHz to 1525 MHz
1.13.1	Channel Plan for the Frequency Allocation
1.13.2	Licensing information for the applicable frequency allocation
1.14	Applicable Frequency Allocation and Band information 1700 MHz to 2450 MHz
1.14.1	Channel Plan for the Frequency Allocation
1.14.2	Licensing information for the applicable frequency allocation
1.15	Applicable Frequency Allocation and Band information 2500 MHz to 2655 MHz
1.15.1	Channel Plan for the Frequency Allocation 195
1.16	Applicable Frequency Allocation and Band information 2655 MHz to 2690 MHz
1.16.1	Channel Plan for the Frequency Allocation 196
1.16.2	Licensing information for the applicable frequency allocation
1.17	Applicable Frequency Allocation and Band information 3300 MHz to 3600 MHz
1.17.1	Channel Plan for the Frequency Allocation 198
1.17.2	Licensing information for the applicable frequency allocation

No. 41854 321

Page 17/198

## **Table of Figures**

Figure 1 Time Frame and events informing Frequency Migration Plan	30
Figure 2 Process for Development of Frequency Migration Plan	33
Figure 3 Proposed Allocation 156.875MHz – 174MHz	45
Figure 4 Current situation 156.875MHz – 174MHz	46
Figure 5 Current assignment 450 – 470 MHz	49

## **Table of Tables**

Table 1 SABRE planned allocations that have been taken into consideration inFrequency Migration Plan 2013	
Table 2 Consolidated list of New ICASA proposals for migration	59
Table 3 Bands planned for IMT	63
Table 4 WRC resolutions	64
Table 5 Summary of migration issues	78
Table 6 Proposed migration plan	80

Page 18/198

### 1 Introduction

#### 1.1 Purpose

To develop a Radio Frequency Migration Plan with the aim of managing spectrum efficiently to the benefit of all South Africans in terms of section 2 (e) of the Electronic Communications Act, 2005 (Act No. 36 of 2005) as amended ("the Act").

The plan provides for:

- Background and basis of the Radio Frequency Migration Plan.
- How the Radio Frequency Migration Plan was developed?
- Identification of the radio frequency bands where migration may be required and makes proposals regarding such frequency migration as may be required.
- Identify the radio frequency bands which are subject to a feasibility study.
- The frequency bands where Radio Frequency Spectrum Allocation Plans have been developed
- The impact of the Frequency Migration Plan (where possible).

#### 1.2 Definitions

To avoid terminological confusion, it is useful to discuss exactly what is meant by the various terms that are used in spectrum management.

Full definitions are given in the glossary.

#### **1.2.1 ITU Definitions**

The standard definitions for spectrum management in the International Telecommunications Union (ITU) Radio regulations (Article 1) are as follows:

*allocation* (of a frequency band): Entry in the Table of Frequency Allocations of a given frequency band for the purpose of its use by one or more terrestrial or space

No. 41854 323

Page 19/198

*radiocommunication services* or the *radio astronomy service* under specified conditions. This term shall also be applied to the frequency band concerned. (1.16)

*allotment* (of a radio frequency or radio frequency channel): Entry of a designated frequency channel in an agreed plan, adopted by a competent conference, for use by one or more administrations for a terrestrial or space *Radiocommunication service* in one or more identified countries or geographical areas and under specified conditions.

*assignment* (of a radio frequency or radio frequency channel): Authorization given by an administration for a radio station to use a radio frequency or radio frequency channel under specified conditions. (1.18).

The key element here is the clear distinction between allocation and assignment which is not always followed in certain benchmark examples.

#### 1.2.2 Defining Spectrum Migration

It is important to define exactly what is meant by spectrum migration as this defines the scope of the plan and regulation. The ITU does not define spectrum migration as such.

In the Act, the reference to spectrum migration is clearly the migration of users of radio frequency spectrum to other radio frequency bands in accordance with the radio frequency plan. The main focus of the FMP is on migrating existing users.

Since certain issues of spectrum migration involve usage as opposed to users, it is useful to expand the definition of migration to include not just users but also uses<sup>1</sup>.

**"Radio Frequency Spectrum Migration"** means the movement of users or uses of radio frequency spectrum from their existing radio frequency spectrum location to another.

<sup>&</sup>lt;sup>1</sup> This allows spectrum migration to encompass re-farming of spectrum within assigned bands to other technologies and in-band migration such as the digitalisation of TV broadcast.

Page 20/198

#### 1.2.3 Spectrum re-farming

The term spectrum re-farming is widely used, but like spectrum migration does not have a universal definition and can mean slightly different things in different countries.

The ICT Regulation Toolkit<sup>2</sup> notes the following regarding spectrum re-farming:

Generally speaking, re-farming may be seen as process constituting any basic change in conditions of frequency usage in a given part of radio spectrum. Such basic changes might be:

- 1. Change of technical conditions for frequency assignments;
- 2. Change of application (particular Radiocommunication system using the band);
- 3. Change of allocation to a different Radiocommunication service.

The term re-farming is used to describe:

- the process where a GSM operator changes the use of all or part of the spectrum used for GSM to UMTS / LTE; especially where the spectrum licence has specified the technology (as GSM) and the operator licence has to be changed<sup>3</sup>.
- The situation where the individual assignments within a band are changed to allow more efficient use to be made of the frequency band (usually due to a change in technology).
- The process of reallocating and reassigning frequency bands where the licence period has expired, this is happening in Europe where the original GSM licences are expiring<sup>4</sup>.

For the purposes of the plan therefore, radio frequency spectrum re-farming may be defined as follows:

<sup>&</sup>lt;sup>2</sup> The ICT Regulation Toolkit is a joint production of info Dev and the International Telecommunication Union

<sup>&</sup>lt;sup>3</sup> Even where the licences are not technologically specific and it could be argued that the change in use from GSM to LTE does not require a regulator to get involved, in order to make efficient use of the spectrum it may be necessary to modify the individual assignments within the band.

<sup>&</sup>lt;sup>4</sup> A good example is in Ireland ref: "Multi-band Spectrum Release: Release of the 800 MHz, 900 MHz and 1800 MHz Radio Spectrum Bands' – various consultations by ComReg 2012.

No. 41854 325

Page 21/198

"Radio Frequency Spectrum Re-farming" means the process by which the use of a Radio Frequency Spectrum band is changed following a change in allocation, this may include change in the specified technology and does not necessarily mean that the licensed user has to vacate the frequency.

#### 1.2.4 Other definitions

Where the user of a radio frequency has a change of assignment within the same band, usually to allow greater efficiency in the use of the spectrum, this may be termed **in-band migration**.

In some cases, a radio spectrum user may not only have the assignment changed in the same band, but have a new spectrum allocated in a different band. This has occurred with respect to the balancing of spectrum assignments in the GSM 900 MHz and 1800 MHz bands and may well become a feature of mobile broadband assignments in the future.

Page 22/198

### 2 Review of Legislation and Regulations

#### 2.1 Electronic Communications Act

#### 2.1.1 Section 34 - Radio Frequency Plan

Section 34 of the Act deals with the National Radio Frequency Plan and as part of this, radio frequency migration.

Subsection (2) essentially contains the key statement:

.....national radio frequency plan developed by the Authority, which must set out the specific frequency bands designated for use by particular types of services.....

Referring specifically to matter of migration:

Section 34 (7) (c) (iii), states that the Authority must:

Co-ordinate a plan for migration of existing users, as applicable, to make available radio frequency spectrum to satisfy the requirements of subsection (2) and the objects of this Act and of the related legislation.

Section 34 (16) states that:

The Authority may, where the national radio frequency plan identifies radio frequency spectrum that is occupied and requires the migration of the users of such radio frequency spectrum to other radio frequency bands, migrate the users to such other radio frequency bands in accordance with the national radio frequency plan, except where such migration involves governmental entities or organisations, in which case the Authority—

- (a) must refer the matter to the Minister; and
- (b) may migrate the users after consultation with the Minister

It is clear that ICASA has the obligation and authority to plan and implement the migration of users, subject to the approval of the Minister with respect to government entities.

No. 41854 327

Page 23/198

#### 2.1.2 Section 31 - Radio Frequency Spectrum Licence

Section 31 of the Electronic Communication Act (2005) deals with the radio frequency spectrum licences.

- Section 31 (4) states that:
  - (4) The Authority may amend a radio frequency spectrum licence—
    - (a) to implement a change in the radio frequency plan;
    - (b) in the interest of orderly radio frequency spectrum management;

(c) to effect the migration of licensees in accordance with a revised radio frequency plan or the transition from analogue to digital broadcasting;

(d) if requested by the licensee concerned to the extent that the request is fair and does not prejudice other licensees; or

(e) with the agreement of the licensee.

This section clearly establishes that the ICASA has the right to amend a radio frequency licence to cater for instances listed in section 31(4) (a)-(e) of the Act.

#### 2.1.3 Chapter 3 – Licensing Framework

Chapter 3 of the Act which in principle deals with the award of licences for individual and class licences for the provision of services. It also refers to the use of the radio frequency spectrum. This is consistent with the provisions of Section 31(1) and (2) of the Act dealing with the radio frequency spectrum licence in that a person cannot provide services, in terms of chapter 3, which requires the use of the radio frequency spectrum without a radio frequency spectrum licence.

#### 2.1.4 Spectrum Licence Duration

The process of migrating users will not have an impact on the duration of their radio frequency spectrum licences.

Page 24/198

#### 2.2 Review of Regulations

#### 2.2.1 Radio Frequency Spectrum Regulations

The Final Radio Frequency Spectrum Regulations in Government Gazette 38641 (Notice 279 of 2015) do not elaborate further (than the Act) on the issue of migration or the related issue of the amendment of a radio frequency spectrum licence initiated by the authority.

Regulation 17 deals with the duration of a radio frequency spectrum licence

- Regulation 17 (1) stipulates that ; The granting of a radio frequency spectrum licence must not be construed as conferring upon the holder a monopoly for the use of or a right of continued tenure of the radio frequency spectrum;
- Regulation 17 (2) stipulates that, Unless otherwise specified in a radio frequency spectrum licence, a radio frequency spectrum licence shall run parallel to and not exceed the duration of a service licence contemplated in Chapter 3 of the Act, issued to the person in possession of a radio frequency spectrum licence.
- Regulation 17 (3) stipulates that, The duration of a radio frequency spectrum licence, without a corresponding service licence contemplated in Chapter 3 of the Act, except those mentioned in sub regulation (4), is a year (i.e. from 1 April until 31 March) and such a licence will expire on the due date of the then current licence year.
- Regulation 17 (4) stipulates that, where a radio frequency spectrum licence is issued in the Amateur Radio, Aeronautical Band, Marine Band, Citizen Band Radio for Ski Boats, the licence shall remain valid from 1 April of the year in which it was issued and is thereafter renewable by payment of the prescribed licence fee before or on the due date in the year it is set to expire.

#### 2.2.2 Terrestrial Broadcasting Frequency Plan

The Final Terrestrial Broadcasting Frequency Plan in Government Gazette 36321(Notice 298 of 2013) and the Update to the Terrestrial Broadcasting Frequency Plan in Government Gazette 38005 (Notice 801 of 2014) deals with the re-planning of the broadcast bands in South Africa including the Digital Terrestrial Television Migration programme and the vacation of broadcast channels.

This was developed taking into consideration the International Telecommunications Union (ITU) Radio Regulations (RR), Provision Number 5.1.2 of the Geneva 2006 (GE06) Agreement, and the World Radiocommunication Conference (WRC) Resolution 224-4, Resolution 232 (WRC-12) and the results of activities undertaken by the within ITU

No. 41854 329

Page 25/198

Region 1 (African Region). The migration of Broadcasting service in the frequency band 790 to 862 MHz frequency band following the 2006 regional radio conference in Geneva (GE06).

This plan reflected the WRC-07 and WRC-12 resolutions with respect to the migration of broadcast channels from the 694 to 790 MHz and 790 to 862 MHz bands respectively.

The plan took into consideration "End of the transition period to digital broadcasting set forth by the GE06 Agreement, that is, the Regional Agreement, Geneva 2006 for the planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz, set forth as 17 June 2017, and notified through Administrative Circular CR/375.

The Multiplexes in the latest updated version of the Terrestrial Broadcasting Plan 2013 has been coordinated in terms of the GE06 Agreement and meets the conformance requirements of the Plan. The frequencies on this version have been successfully notified to the ITU-R Bureau and have been included in the Master International Frequency Register.

This plan essentially deals with the conversion of analogue to digital Television and the subsequent migration of the existing TV channels to a new spectrum location that is 470 to 694 MHz.

The Broadcasting Spectrum Assignments for the frequency band above 694 MHz, in the affected areas as stipulated in the Terrestrial Broadcasting Frequency Plan (Notice No. 298 of 2013 in Government Gazette No. 36321 and Notice No. 801 of 2014 in Government Gazette 38005 or the latest version), are to be used subject to meeting the conformance requirements in line with the GE06 Plan and are to be phased out during the performance period.

The key issues of interest are that there is a period during which broadcasts continue simultaneously in analogue and digital until the analogue channels are switched off.

Page 26/198

#### 2.3 Overview of rights and responsibilities

#### 2.3.1 Radio frequency spectrum rights

Neither in the Act nor in the regulations are there any rights on the parts of users to retain spectrum. The spectrum licence is currently valid as specified in a radio frequency spectrum licence and a spectrum assignment can be revoked at any time. This is not unique to South Africa and many administrations retain the ultimate right to decide on the use of the spectrum at any time, notwithstanding the procedures for withdrawal, amendment or suspension of a licence.

The process for spectrum migration shall include the following:

- a consultation process,
- consideration of the economic lifetime of the equipment,
- the identification of alternative frequencies for users who have to be migrated out of a frequency band,
- advance planning along with an adequate time frame,
- consideration of the duration of the radio frequency spectrum licence,
- consideration of the duration of a broadcast licence.

#### 2.3.2 Responsibilities

The Authority is the responsible body for frequency migration planning.

The Authority has the obligation to consult with the Minister<sup>5</sup> on various issues, notably where migration involves government entities and organisations.

No. 41854 331

Page 27/198

## 3 **Principles Governing Frequency Migration**

#### 3.1 Identification of Bands are subject to Frequency Migration

Bands are identified for radio frequency migration according to the following hierarchy

- First Level where the ITU radio regulations / decision of a World Radio Conference (WRC) require a change in national allocation that will require existing users to be migrated.
- Second Level where a Regional Radio Conference require a change in national allocation that will require existing users to be migrated
- Third Level where the SADC Frequency Allocation Plan (FAP) requires a change of use and in turn a change in national allocation that will require existing users to be migrated.
- Fourth Level a decision is taken to change the use of a frequency band at national level and this requires the migration of existing users.

#### 3.2 Process

The process of frequency migration is carried out in a manner consistent with the radio frequency spectrum regulations and the generic process is described in the frequency migration regulation. The key processes are:

- Preparation of a Radio Frequency Spectrum Assignment Plan
- Amendment of a Radio Frequency Spectrum Licence

When it has been established that migration is required, then the critical issue is to determine the time frame in a manner consistent with sound radio frequency spectrum management.

#### 3.3 Time Frame for Migration

In principle, the Authority can migrate a user to another location as part of sound radio frequency spectrum management. However, an appropriate time frame should be applied as a matter of standard practice.

In determining the time frame, the following factors should be taken into account:

Page 28/198

- the duration of the spectrum licence,
- the time frame to migrate existing customers (end users)
- the economic life of the equipment installed,
- adequate forward planning

#### 3.3.1 Duration of the radio frequency spectrum licence

The radio frequency spectrum licences in South Africa are in principle granted for a one year period, the multi-year licences will be restricted so that any migration will not fall within the period of a multi-year licence.

#### 3.3.2 Time Frame to migrate existing end users

The issue of the migration of existing users is a key determinant of a spectrum migration time frame. The issue arose in the past with cessation of the analogue mobile phone systems and the migration to GSM and is currently an issue with respect to broadcasting. In Europe, the main controversy is with regard to proposed plans to terminate VHF FM and possibly Medium Wave broadcasting and as a result of this opposition; the termination of FM does not seem likely in the short term. There has been less opposition to the cessation of analogue television broadcasts.

The critical area in South Africa is the digitalisation of TV where end users have to obtain a digital-to-analogue set-top box to accommodate digital signals to their existing televisions before analogue switch off.

Potential areas that may arise in the future include:

 Conversion of existing Mobile International Mobile Telecommunication frequencies to IMT2020KG.

Because of the large number of GSM customers with voice / text only phones and the availability of other bands for mobile broadband, it is unlikely that GSM bands will be shut off any time soon.

A switch over from 3G / HSPA to LTE – if this ever occurs would involve a time frame of 3-5 years to accommodate the life cycle of the end-terminal equipment.

 Switch off of analogue radio. This is unlikely to occur within the time frame envisaged by this spectrum migration strategy.

No. 41854 333

Page 29/198

#### 3.3.3 Economic life of the equipment installed

It should not be automatically assumed that a change in frequencies will require new transmission equipment; it is entirely possible that the equipment can be retuned at relatively low cost.

In terms of the economic lifetime of the equipment, SABRE 2 which was gazetted in August 2001, planned for switchover deadline of December 2005 for the services subject to migration which was a time frame of just under 5 years. This was at a time when the technological life-cycle was longer than it is today.

#### 3.3.4 Adequate Forward Planning

Probably the most important factor for a frequency migration is the allowance of sufficient time for adequate forward planning. In terms of the overall process this may include:

- Proper time for consultation.
- Band planning.
- Adequate time for existing users of the spectrum to migrate out.
- Adequate time required for dual illumination during a switchover period subject to no interference.

In terms of the time frame, the critical determinant is the earliest time in which new users can begin transmitting as this will be the final date at which existing users cease transmitting. In principle, there is little to be achieved by shutting down existing transmission before new licensees are ready to start transmitting.

#### 3.3.5 Conclusions regarding time frame.

It has been established that the forward looking time frame for a process of spectrum migration should be between 3 to 5 years from the moment of announcement, unless otherwise specified.

To ensure that there is no confusion, where there are multi-year radio frequency spectrum licences, these should generally not exceed 5 years. Where there is a spectrum migration planned for a particular frequency band, there is nothing to stop a licence being issued for the period up to the date at which transmission should cease if the licensee is able to 'live with' this.

Page 30/198

## 4 Development of the Radio Frequency Migration Plan

#### 4.1 Background

The table below illustrates the time line of documents and conferences that informs the creation of this radio Frequency Migration Plan.

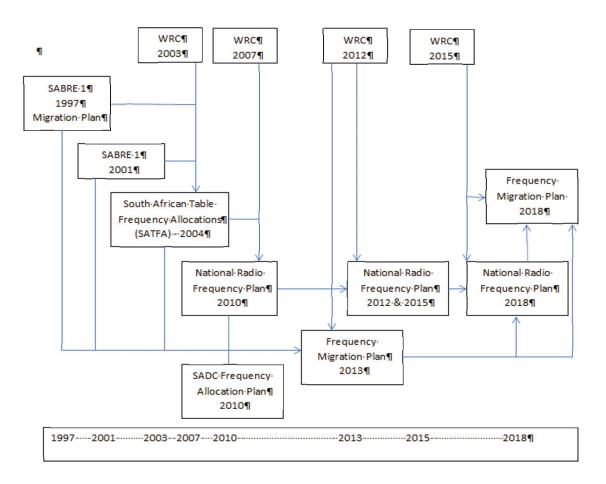


Figure 1 Time Frame and events informing Frequency Migration Plan

The radio Frequency Migration Plan reflects all relevant activities to date and comments on potential long term migration issues.

#### 4.2 International Context

The use of the Radio Frequency Spectrum is fundamentally determined through the ITU Radio Regulations which are established by treaty and modified by treaty in the form of the Resolutions of the World Radio Conferences in which South Africa has participated

No. 41854 335

Page 31/198

since 1994. South Africa fundamentally follows the allocations in the Radio Frequency Plan for Region 1 in the ITU Radio Regulations and the primary driver for a change in use is a change in allocation stemming from a World Radio Conference Resolution.

As Region 1 also includes Europe, it is common for South Africa to harmonise the way it uses and manages frequency bands with Europe on the grounds that this facilitates coordination and allows South Africa to benefit from potential economies of scale with regard to equipment as well being able to capitalize on existing development work.

South Africa also participates in the African Telecommunications Union and again will seek to harmonise its frequency allocations with other African countries.

For Southern Africa, South Africa is part of SADC, the Southern African Development Community. South Africa has actively participated in the preparation of the SADC Frequency Allocation Plan (SADC FAP) and to keep the National Radio Frequency Plan as harmonised as possible with the latest version of the SADC FAP is necessary to maintain international co-ordination with neighbouring countries.

#### 4.3 Approach to development of FMP

The Radio Frequency Migration Plan is drawn up using the latest National Radio Frequency Plan (NRFP 2018) as a baseline.

The first steps, was on a check made concerning the frequency migrations proposed in SABRE<sup>6</sup> (see below) with respect to the following:

 Whether the migration as proposed (both from and to other bands) has been carried out and

<sup>&</sup>lt;sup>6</sup> The Revision of South African Frequency Allocation Plans (Band Plans) and Migration Strategies

<sup>-</sup> Notice 759 of 1997 - which covered 20MHz to 3 GHz (SABRE-1) and 3.4GHz to 3.6 GHz.

Page 32/198

 If certain services still continue to occupy the original band, whether these services should still be migrated or if this now irrelevant in the present context. This is carried out by:

Evaluating the current utilization of these bands by the incumbent

Determining whether these bands could be put to better use

The next step was, the proposals in the SADC Frequency Allocation Plan 2016 (SADC FAP 2016) are considered for relevancy in the Republic of South Africa. In terms of relevancy, points under consideration are:

- Whether the bands proposed for alternate use by SADC are being currently utilized (by whom and to what extent).
- If there is a global trend and perceived economic benefit in migrating the current users to accommodate new services.

The third step involves looking at the resolutions adopted at the World Radiocommunication Conference (WRC) 7, 12 and 15 applicable to Region 1 and determine applicability for South Africa. Similar criteria as used to evaluate SADC proposals would be applied here.

The fourth step involves identifying South Africa specific migration issues. In this manner, all matters of significance from global, regional and national context along with the historical activities around migration are awarded due consideration in drafting the frequency migration plan.

No. 41854 337

Page 33/198

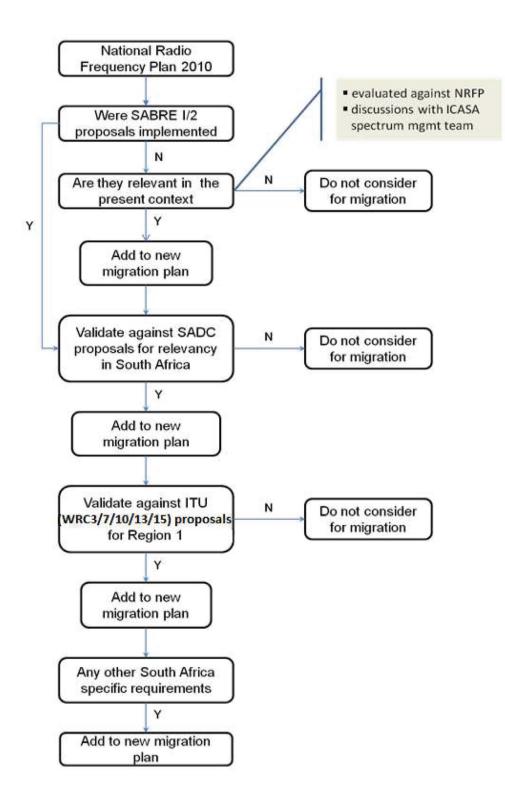


Figure 2 Process for Development of Frequency Migration Plan

Page 34/198

#### 4.4 SABRE 1 and SABRE 2

There were two South African Band Re-Planning Exercises (SABRE) carried out in 1997 and 2001. SABRE 1 has been the most comprehensive spectrum migration exercise to date.

- SABRE I in 1997 addressing the radio frequency spectrum between 20MHz and 3 GHz, and between 3.4 – 3.6 GHz
- SABRE II in 2001 addressing radio frequency spectrum above 3 GHz with the exception of those bands already addressed in SABRE I

#### 4.4.1 SABRE 1 - 1997

SABRE  $1^7$  was a significant programme to re-plan the radio frequency in line with the ITU Region 1 frequency allocation plan from 20 MHz to 3GHz and to migrate users that either did not accord with the existing allocation plan or prevented efficient use of the spectrum. A prime example of this was the drive to migrate fixed links to over 3 GHz. SABRE 1 was extended to cover 3.4 - 3.6 GHz

The primary services which were targeted for this exercise were

- Fixed links plan to migrated the fixed links (wherever possible) to higher frequencies above 3 GHz. The primary rationale was that the frequency below 3 GHz was prime estate for mobile communications and should be reserved for that purpose
- Mobile services in VHF High Band plan for migrating existing services such as paging, alarms, municipal and governmental authorities into bands reserved for their use. Migrate in mobile services into the cleared band
- Paging services consolidate paging services into bands specifically allocated for that purpose. This would include low power paging, amateur, regional and other paging system
- Alarms consolidate alarm systems into specific bands

<sup>&</sup>lt;sup>7</sup> The Revision of South African Frequency Allocation Plans (Band Plans) and Migration Strategies

<sup>-</sup> Notice 759 of 1997 - which covered 20MHz to 3 GHz (SABRE-1) and 3.4GHz to 3.6 GHz.

No. 41854 339

Page 35/198

#### 4.4.2 SABRE 2 – 2001

SABRE  $2^8$  was a programme to re-plan the radio frequency spectrum from 3GHz to 70 GHz (with the exception of 3.4 - 3.6 GHz which was part of SABRE 1), partly driven by the need to in-migrate fixed-links from below 3GHz.

Extracts from SABRE 2 are given in the appendix (6.1Appendix C).

#### 4.4.3 Analysis of SABRE

The analysis conducted showed that the following migration of services out of specified bands as proposed under SABRE (1 and 2) was taken into consideration in developing the Radio Frequency Migration Plan 2013.

Table 1 SABRE	planned	allocations	that	have	been	taken	into	consideration	in	the	Frequency
Migration Plan 201	3										

Frequency Band (MHz)	Planned allocation under SABRE	Current allocation in NRFP 2013
53.025 - 53.225	Low power paging	Wireless Microphones (53 -54 MHz)
(81 – 81.625 BTX) paired with (86.375 - 87 MTX)	Dual frequency alarms/ Mobile	Mobile 7 BTX only
141 – 142	None	Remote controlled industrial apparatus (should be in the ISM band)
150.05 – 151	Wide area paging	Wildlife telemetry tracking 148-152 MHz
(165.55 – 167.4875) paired with (172.05 – 173.9875)	BTX-DF (165.55 – 167.4875 MHz) MTX-DF (172.05 – 173.9875 MHz)	MTX-DF (165.55 – 167.4875 MHz) BTX-DF (172.05 – 173.9875 MHz)
240 – 246	DAB	International distress (239 MHz)
278 - 286	FLEX outbound paging services	SF Mobile

 $<sup>^{8}</sup>$  Radio frequency spectrum band plan covering the range 3 GHz to 70 GHz – (SABRE-2) Notice 1920 of 2001

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 36/198

Frequency Band (MHz)	Planned allocation under SABRE	Current allocation in NRFP 2013
406.1 – 410	SF links only	Fixed links (406.1 – 407.625 MHz) paired with (416.1 – 417.625 MHz)
		Fixed links (407.625 – 410 MHz) paired with (417.625 – 420 MHz)
426.1 – 427.625	Public trunking	SF links (426.1 – 430 MHz)
427.625 – 430	urban–government and public safety	SF links (426.1 – 430 MHz) only
	rural – SF links	
(454.425 – 460)	Mobile trunking	Mobile trunking
paired with	MTX (454.425 – 460 MHz)	BTX (454.425 – 460 MHz)
(464.425 – 470)	BTX (464.425 – 470 MHz)	MTX (464.425 – 470 MHz)
463 – 463.975	SF Mobile out of the band	SF Mobile
876 – 880	Digital trunking	Mobile Wireless Access (824 – 849 MHz paired with 869 - 894 MHz)
925 – 925.4	Two-way paging (FLEX inbound)	No allocation
1885 – 1980	FPLMTS (satellite)	No allocation
1980 – 2010/ 2170 - 2200	Mobile – Satellite (earth – to – space)	Fixed links 1980 – 2010 MHz paired with 2170 – 2200 MHz
21400 – 22000	Broadcasting satellite service	Fixed links

WRC 15 Resolutions of which some are considered in the Draft Migration Plan 2018.

#### 4.5 National Radio Frequency Plans

After SABRE, there have been four (4) national radio frequency plans, SATFA, NRFP 2010, NRFP 2013 and NRFP 2018.

No. 41854 341

Page 37/198

#### 4.5.1 The South African Table of Frequency Allocations 2004

SATFA: The South African Table of Frequency Allocations 2004<sup>9</sup> consolidated SABRE 1 and SABRE 2 in one plan covering the range 20MHz to 70 GHz.

This plan is discussed in the appendix (6.1Appendix D) with respect to frequency migration.

## 4.5.2 National Radio Frequency Plan 2010

The National Radio Frequency Plan  $2010^{10}$  updated SATFA  $2004^{11}$  and extended the frequency range covered (now 9 kHz – 3000 GHz). Its stated aim was to incorporate the decisions taken by WRC and include updates on the Table of Frequency Allocations extending up to 3000GHz.

This plan is discussed in the appendix (1.3 Appendix E) with respect to frequency migration.

## 4.5.3 National Radio Frequency Plan 2013

The National Radio Frequency Plan 2013<sup>12</sup> updated National Radio Frequency Plan 2010, 2004<sup>13</sup> and extended the frequency range covered (now 9 kHz – 3000 GHz). Its stated aim was to incorporate the decisions taken by WRC and include updates on the Table of Frequency Allocations extending up to 3000GHz.

<sup>&</sup>lt;sup>9</sup> The South African Table of Frequency Allocations (SATFA) – Notice 1442 of 2004.

<sup>&</sup>lt;sup>10</sup> The National Radio Frequency Plan – Notice 727 of 2010

<sup>&</sup>lt;sup>11</sup> The main reason for the name change is that the term 'National Radio Frequency Plan' is used in the ECA.

<sup>&</sup>lt;sup>12</sup> The National Radio Frequency Plan – Government Gazette 36336 (Notice 354 of 2013)

Page 38/198

This plan is discussed in the appendix (6.1Appendix E) with respect to frequency migration.

#### 4.5.4 National Radio Frequency Plan 2018

The National Radio Frequency Plan 2018 updated National Radio Frequency Plan 2013, and extended the frequency range covered (now 8.3 kHz – 3000 GHz). Its stated aim was to incorporate the decisions taken by WRC 15 and include updates on the Table of Frequency Allocations extending up to 3000 GHz.

## 4.6 SADC Frequency Allocation Plan (FAP)

The Southern African Development Community (SADC) agreed to development of a regional Frequency Allocation Plan (FAP) that provides for a harmonised framework on the allocation of the radio frequency spectrum in the SADC.

The SADC Frequency Allocation Plan revised 2016 with the frequency range 8.3 kHz – 3000GHz and guides the use of frequency in the SADC countries as spectrum coordination is required between SADC members.

This edition of the SADC FAP seeks to align to the changes made by WRC 15 and also reflect all other spectrum usage needs of the SADC region.

The allocations of the SADC FAP are largely consistent with those for South Africa and the SADC FAP is used as a reference in the preparation of the FMP.

## 4.7 World Radio Conference 2015

For WRC 15, South Africa joined together with other SADC countries to adopt a common position on 30 agenda items related to frequency allocation and frequency sharing for the efficient use of spectrum and orbital resources.

Key issues with potential implications for spectrum migration as a result of WRC 15 includes the following amongst others:

## 4.7.1 Mobile broadband communications

Following the growing demand for spectrum for mobile broadband services, WRC-15 identified frequency bands in the L-band **(1427-1518 MHz)** and in the lower part of the C-band **(3.3 -3.4 GHz)**.

No. 41854 343

Page 39/198

WRC-15 achieved agreement on some additional portions in other bands that were also allocated to mobile broadband services in order to be used in regions where there was no interference with other services.

Furthermore, WRC-15 took a key decision that will provide enhanced capacity for mobile broadband in the **694-790 MHz** frequency band in ITU Region-1 (Europe, Africa, the Middle East and Central Asia) and a globally harmonized solution for the implementation of the digital dividend. In taking this decision WRC 15 ensured the full protection is given to television broadcasting between **470 and 694 MHz**, as well as to the aeronautical radionavigation systems operating in this frequency band.

#### 4.7.2 Amateur radio service gets new allocation

New allocation for amateur radio service in the frequency band 5351.5 - 5366.5 kHz will maintain stable communications over various distances, especially for use when providing communications in disaster situations and for relief operations.

#### 4.7.3 Emergency communications and disaster relief

WRC-15 identified spectrum in the 694-894 MHz frequency band to facilitate mobile broadband communications for robust and reliable mission critical emergency services in public protection and disaster relief (PPDR), such as police, fire, ambulances and disaster response teams.

#### 4.7.4 Search and rescue

WRC-15 reinforced protection to Search and Rescue beacons that transmit in the 406-406.1 MHz frequency band signals to uplink to search and rescue satellites, such as the Cospas-Sarsat system. Resolution 205 was modified to ensure that frequency drift characteristics of radiosondes are taken into account when operating above 405 MHz to avoid drifting close to 406 MHz.

Administrations were requested to avoid making new frequency assignments for the mobile and fixed services within the adjacent frequency bands to prevent interference in the frequency band 406-406.1MHz. As of December 2013, the Cospas-Sarsat System has provided assistance in rescuing over 37,000 persons in over 10,300 incidents worldwide.

Page 40/198

#### 4.7.5 Earth observation satellites for environmental monitoring

WRC-15 resolved on a new allocation in the 7-8 GHz frequency range needed to uplink large amounts of data for operations plans and dynamic spacecraft software modifications that will eventually lead to simplified on-board architecture and operational concepts for future missions of earth-exploration satellite services (EESS). Allocations of spectrum in the 9-10 GHz frequency range leads to the development of modern broadband sensing technologies and space-borne radars on active sensing EESS. Scientific and geo-information applications will provide high quality measurements in all weather conditions with enhanced applications for disaster relief and humanitarian aid, land use and large-area coastal surveillance.

#### 4.7.6 Unmanned aircraft and wireless avionics systems

WRC-15 opened the way for the development by the International Civil Aviation Organisation (ICAO) of worldwide standards for unmanned aircraft systems (UAS), and identified the regulatory conditions that may be applied to such systems internationally. WRC-15 also agreed on spectrum for wireless avionics intracommunications (WAIC) to allow for the heavy and expensive wiring used in aircraft to be replaced by wireless systems.

#### 4.7.7 Global flight tracking for civil aviation

Agreement was reached on the allocation of radio-frequency spectrum for global flight tracking in civil aviation for improved safety. The frequency band 1087.7-1092.3 MHz has been allocated to the aeronautical mobile-satellite service (Earth-to-space) for reception by space stations of Automatic Dependent Surveillance-Broadcast (ADS-B) emissions from aircraft transmitters. This will facilitate reporting the position of aircraft equipped with ADS-B anywhere in the world, including oceanic, polar and other remote areas. The International Civil Aviation Organization (ICAO) will address the performance criteria for satellite reception of ADS-B signals according to established standards and recommended practices (SARP).

#### 4.7.8 Enhanced maritime communications systems

WRC-15 considered regulatory provisions and frequency allocations to enable new Automatic Identification System (AIS) applications and other possible new applications to improve maritime Radiocommunication. New applications for data exchange, using

No. 41854 345

Page 41/198

AIS technology, are intended to improve the safety of navigation. New allocations were made in the bands 161.9375-161.9625 MHz and 161.9875-162.0125 MHz to the maritime mobile-satellite service. Studies will continue on the compatibility between maritime mobile-satellite service (MMSS) in the downlink in the band 161.7875-161.9375 MHz and incumbent services in the same and adjacent frequency bands.

#### 4.7.9 Road Safety

Radio-frequency spectrum needed for the operation of short-range high-resolution automotive radar has been allocated in the 79 GHz frequency band. This will provide a globally harmonized regulatory framework for automotive radar to prevent collisions and improve vehicular safety by reducing traffic accidents. According to the United Nations (UN) data, more than 1.25 million fatalities occur each year on the roads around the world.

#### 4.7.10 Operation of broadband satellite systems: Earth Stations in Motion

WRC-15 agreed to facilitate the global deployment of Earth Stations in Motion (ESIM) in the 19.7-20.2 and 29.5-30.0 GHz frequency bands in the fixed-satellite service (FSS), paving the way for satellite systems to provide global broadband connectivity for the transportation community. Earth stations on-board moving platforms, such as ships, trains and aircraft, will be able to communicate with high power multiple spot beam satellites, allowing transmission rates in the order of 10-50 Mbits/s.

#### 4.7.11 Universal Time

WRC-15 decided that further studies regarding current and potential future reference time-scales are required, including the modification of coordinated universal time (UTC) and suppressing the so-called "leap second". A report will be considered by the World Radiocommunication Conference in 2023. Until then, UTC shall continue to be applied as described in Recommendation ITU-R TF.460-6 and as maintained by the International Bureau of Weights and Measures (BIPM).

## 4.7.12 Conclusion on WRC 15 Resolutions

The National Radio Frequency Plan 2018 takes into consideration these resolutions taken by the World Radiocommunication Conference of 2015 (WRC 15). National Footnotes have been updated to make provision for transitional arrangements where migration of services and use are to be taken care off.

Page 42/198

## 4.8 ITU World Radio Conference resolutions

The following resolutions from the World Radio Conferences have been taken into consideration. The primary focus is on WRC15, however 4 resolutions from WRC07 have also been analysed. WRC15 is discussed in the Appendix F

## 4.9 Key issues with respect to migration

The following explains the approach to key issues regarding the frequency migration plan:

#### Broadcasting Service

- DTT Digital Terrestrial Television. The process of moving TV services from analogue to digital (and corresponding in-band migration) is in progress. The plans was updated following the WRC 12 along with the allocation of the 700 MHz band to IMT and the corresponding need to consolidate UHF TV broadcasting to the 470-694 MHz UHF band in line with the original Broadcasting Digital Migration Framework (Government Gazette number 31490). The freed spectrum that has been allocated to the Mobile Radiocommunication Services and identified for IMT in the band 790 to 862 MHz (WRC07) and 694 to 790 MHz band is a major spectrum resource for mobile broadband.
- Studio Links These are point-to-point links connecting broadcast studios to transmitters that have been part of the broadcast frequency bands, especially the 800MHz band. With the allocation to the Mobile, of the 700MHz and 800 MHz frequency bands and the subsequent identification to IMT, the studio links had to be migrated out in line with the Frequency Migration Plan 2013. These have been given assignments in the destination bands allocated for Fixed Point to Point links.
- Self Help Stations These are repeater stations rebroadcasting television channels to limited areas on a low power basis<sup>14</sup>. These stations are to be switch off, in accordance with the Digital Terrestrial Television Migration Rollout Plan in accordance with the Terrestrial Broadcasting Plan 2013 as updated.

<sup>&</sup>lt;sup>14</sup> Refer to 'Review of Self-Help Stations' – ICASA Position Paper February 2006 and 'Inquiry into Self Help Stations' – ICASA Discussion document of December 2004.

No. 41854 347

Page 43/198

#### Mobile Service

- Mobile broadband. 'Mobile' broadband is an important use of radio frequency spectrum at the current time and there is a large demand for spectrum in several bands for this purpose. As such, mobile broadband is the service that is most likely to require the migration of other services to accommodate its spectrum needs. The allocation of spectrum for mobile broadband / IMT has already been done via WRC resolutions for ITU region 1 as well as per SADC proposed common sub-allocation/ utilization. This ensures that equipment is readily available and a harmonized service can be provided both across the Southern African region as well as other countries in Region 1
- Paging Paging were considered to be a major service at the time of SABRE, however (due mainly to GSM) the use of paging services is declining to the point where it will only be used in certain niche areas such as hospitals. SABRE aimed to consolidate paging channels and planned specific migration to achieve this; however this is probably no longer relevant. It is expected that the remaining principle use will continue to be in medical environments where current allocations for low-power paging services would be more than adequate to meet the demand. Accordingly, the SABRE plans for paging can be discounted. The Frequency Migration Plan 2013 identified destination bands for these Radiocommunication Services and the Radio Frequency Spectrum Assignment Plans in order to implement the migration process.
- Alarms The migration plan identified that there are a large number of assignments in the bands allocated for alarms and the bands are generally highly utilised. The migration plan identified two options to satisfy the present trend of demand for new assignments :

Direct users to convert to a newer technology that is more spectrally efficient and can be accommodated in the existing spectrum allocation.

Allocate more spectrum for Alarms in adjacent bands.

The Frequency Migration Plan 2013 identified destination bands for some of the Alarm Assignments. The Radio Frequency Spectrum Assignment Plans have been developed in order to do with the implementation of these Radiocommunication Services.

Public Safety: The Frequency Migration 2013 identified that:

All public safety services should be consolidated in the same radio frequency band (380 – 400 MHz) and that where possible public safety users should adopt a common standard.

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 44/198

This would have multiple benefits including economic benefits borne out of infrastructure sharing as well as increased effectiveness due to interoperability between users using a common equipment base.

The Frequency Migration Plan 2013, identified the destination bands. The Radio Frequency Assignment Plans have been developed in order to implement the migration process.

# 4.10 Commentary on bands with respect to Frequency Migration Plan 2013

## 4.10.1 75.2 – 87.5 MHz

The band is primarily used by Repeaters (Private, Communal) in several applications such as mining, farming and other small businesses. SABRE 1 had proposed migration of the dual-frequency alarms into this band. It is proposed to:

 Radio Frequency Spectrum Assignment Plan was published for public consultation in Government Gazette Number 41164 (Notice 781 of 2017).

#### 4.10.2 138 – 144 MHz

The band is primarily used by Repeaters (Private, Communal) in several applications such as mining, farming and other small businesses along with SF alarms. In addition there is an allocation for remote controlled industrial apparatus (ISM Licence exempt band 141 - 142)<sup>15</sup>.

 Radio Frequency Spectrum Assignment Plan was published for public consultation in Government Gazette Number 41164 (Notice 785 of 2017).

## 4.10.3 150.05 – 153 MHz

The current users may continue to operate in this band in line with the rules;

<sup>&</sup>lt;sup>15</sup> Government Gazette No. 31290, Notice No. 926 of 2008 as amended.

No. 41854 349

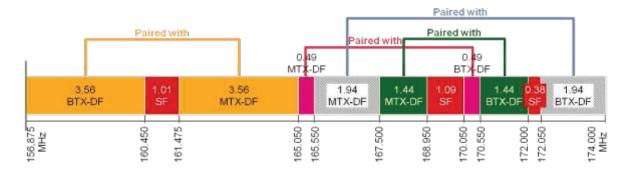
Page 45/198

 Radio Frequency Spectrum assignments Plan was published for public consultation in Government Gazette Number 41164 (Notice 786 of 2017)

## 4.10.4 156.4875 - 156.5625 MHz

Although SF Mobile may continue to operate within 156.375 – 156.7625 MHz on a non-interference basis and non-protection basis to Maritime mobile services in inland areas, there are many occasions where these are situated in proximity (50km or less to water-bodies). This is as per ITU RR Article 31 and Appendix 18.

 Radio Frequency Spectrum assignments Plan was published for public consultation in Government Gazette Number 41164 (Notice 971 of 2017).



## 4.10.5 156.875 - 174 MHz

Figure 3 Proposed Allocation 156.875MHz – 174MHz

The planned frequency allocation as per the NRFP in this band is as shown in Figure 3

However at present the MTX-DF (165.55 - 167.5 MHz) and BTX-DF (172.05 - 174 MHz) are interchanged as indicated in Figure 4.

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 46/198

Paired with Paired with Paired with Paired with 0.49 MTX-DF 0.49 BTX-DF 3.56 3.56 1.94 1:44 1.09 1.94 MTX-DF BTX-DF MTX-DF BTX-DF MTX-DF BTX-DF 156,875 MHz 165.050 170.050 174.000 MHz 550 450 475 00% 850 550 8 88 8 2 6 8 67 Allocations to be swapped

#### Figure 4 Current situation 156.875MHz – 174MHz

This has resulted in the situation that the BTX lies within the MTX allocation and *vice-versa*, leading to interference and other challenges during assignment.

It is therefore planned to:

- First step: ensure that the appropriate nesting of the spectrum is carried out by swapping the MTX and BTX.
- Second step: Conduct technical feasibility study into simplex frequencies (FDMA or TDMA) with different channel spacing – including coexistence of multiple technologies, bandwidth etc. Depending upon the outcome, the band would need to be re-planned (year 2 + after studies have been completed) – need for studies stemming from the submissions.

#### 4.10.6 174 – 223 MHz

The current analogue Television Services operating in this band is being migrated to DTT since February 2016 in accordance with the Terrestrial Broadcast Frequency Plan 2013. The new allocation could be carried out in line with SADC FAP proposed common suballocation / utilization Including the SADC guidelines on Digital Sound Broadcasting.

Refer to the Radio Frequency Migration Plan Government Gazette No 36334 (Notice no. 352 of 2013).

#### 4.10.7 223 - 230 & 230 - 238 MHz

The band is proposed to be allocated for T-DAB (refer to 4.10.6):

214 - 230 MHz T-DAB.

No. 41854 351

Page 47/198

#### 4.10.8 238 – 267 MHz

This band is currently partially being occupied by Analogue TV. Consequent to the planned migration in line with GE-06, the band can be used for the following purposes as per SADC proposed sub-allocation / utilization:

- 230 238 MHz TV Broadcasting as per submission (to form a complete 8MHz DVB-T2 Channel)
- 238 242.95 MHz PMR including public trunking (national trunking)
- 242.95 243.05 MHz International Distress
- 243.05 246 MHz Low power devices ancillary to broadcasting services.
- 246–254 MHz TV Broadcast (Channel 13)
- 254 267 MHz PMR and/ or PAMR including public trunking (national trunking)

#### 4.10.9 335.4 - 387 MHz

Spectrum in this band could be freed up for rural broadband if equipment for FBWA in this band is available in the market. The current players have shown indications that they may relinquish this spectrum due to spectrum fees imposed.

Planned feasibility study on the use of this band as per SADC FAP proposed suballocation/ utilization:

- 335.4-336 MHz PMR and / or PAMR.
- 346.0-356.0 MHz PMR and / or PAMR.
- 366.0-380.0 MHz PMR and / or PAMR.
- 336-346 MHz paired with 356-366 MHz for Fixed Wireless Access/ PTP/PTMP rural system.

#### 4.10.10 335-387 & 387 – 390 & 390 – 399.9MHz

This band is currently used for public trunking services. In addition there is a Mobile Data Service (WBS) operating in this band as well the SADC proposed sub-allocation/ utilization indicates use for PMR and/ or PAMR as well as PPDR. Given the utilization for Digital Trunked Mobile in the NRFP there is the possibility of other services (including

Page 48/198

those using FDMA) and other TDMA systems, including DMR, may be introduced in this band.

ICASA planned a feasibility study to consider:

410 – 430 MHz reserved for digital public trunking only.

All other services apart from public trunking to be migrated out of the band.

This exercise has also to be synchronized with the migration into the PPDR band (380 – 400 MHz)

The planned time period would be determined after the 380 – 400 MHz migration plan (above) is finalized

It is important to note that although this band is allocated to Digital Trunking there are several different technologies which could suit this purpose, not all of which are interoperable with each other. In the present assignments there are several who are using TETRA, while other Digital Trunking technologies are also being proposed. Proposals will be invited to determine the best way forward which would allow technology neutrality but however would ensure that interference between users using different technology standards (FDMA versus TDMA etc.) is minimized.

 Radio Frequency Spectrum assignments Plan was published for public consultation in Government Gazette Number 41164 (Notice 787 of 2017)

## 4.10.11 410 – 420 & 420-430 MHz

The frequency band 410 to 430 MHz is exclusively allocated for Digital Public Trunking.

#### 4.10.12 440 - 450 MHz

This band is allocated for Short Range Business Radio (441 – 441.1 MHz) while the remaining portion is allocated for PMR (both UHF repeaters and DMR). The Short Range Business Radio has wide application in South Africa and is type approved (unlicensed). It is important to ensure that this sub-band is maintained for Short Range Business Radio purposes. There is no migration planned in the PMR sub-band.

It is hence resolved that:

 441 – 441.1 MHz (paired with 446 to 446,1 MHz be allocated to Short-range Business radio.

No. 41854 353

Page 49/198

- 440 441 MHz (paired with 445 446 MHz) be used for temporary assignments within PMR band.
- All other users migrate out of the band.
- The rest of the users in this band can stay as-is.

#### 4.10.13 450 - 455 & 455 - 456 & 456 - 459 & 459 - 460 & 460 - 470 MHz

This band is currently used for Trunked Mobile with several users including the Railways (Transnet) and mines (Figure 5). The SADC FAP proposed common sub-allocation/ utilization seeks to allocate this spectrum for Mobile IMT. This is important to note that several adjacent countries (e.g. Mozambique) are moving to implement this proposal. Although the band has a large number of assignments, a recently concluded spectrum audit indicates that the spectrum usage is quite low – indicating inefficient spectrum use.

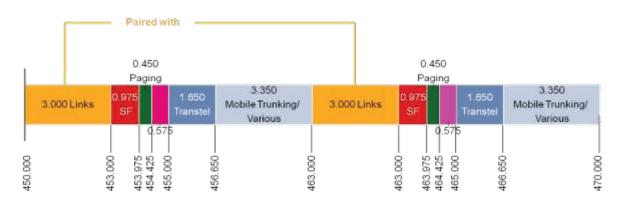


Figure 5 Current assignment 450 – 470 MHz

In view of the other spectrum that has been identified for IMT, it was decided therefore:

- To migrate the current users out of this band into the radio frequency 3 GHz and above ;
- To allocate this band to Mobile (IMT) as per Res. 224 of WRC-07;
- To develop the Final Radio Frequency Spectrum Assignment Plan: Frequency Band 450 to 470 MHz was published in Government Gazette Number 38640 (Notice 270 of 2015, in accordance with the Frequency Migration Plan published in government Gazette Number 2013 GG 36334 (Notice 352 and 353 of 2013) and

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 50/198

the Final International Mobile Telecommunications Roadmap 2014, published in Government Gazette Number 38146 (Notice 1009 of 2014).

In view however of the large number of assignments in this band, comments in this respect are particularly welcome

## 4.10.14 694 - 790 MHz

 Migration in this band is to be implemented in accordance with the Terrestrial Broadcasting Frequency Plan, published in Government Gazette 36321 (Notice 298 of 2013) and the ongoing efforts within the 700 MHz Band as defined in Government Gazette Number 40145 (Notice Number 438 of 2016)

## 4.10.15 790 - 862 MHz

This band has been allocated for IMT (Terrestrial) for Region 1 countries at WRC-07) and is often termed as Digital Dividend 1. Currently this band is occupied by UHF TV. Migration is currently underway.

It is proposed that:

- The migration plan is aligned with the on-going efforts within the 800 MHz band as defined in Government Gazette 40145<sup>16</sup>.
- With respect to the small number of Studio to Transmitter Links (STL's) in this band; these must be migrated out and given point to point fixed assignments.
- Self Help stations must be migrated out into the broadcast bands below 692 MHz
- Migration in this band is to be implemented in accordance with the Terrestrial Broadcasting Frequency Plan, published in Government Gazette 36321 (Notice 298 of 2013).

<sup>&</sup>lt;sup>16</sup> Government Gazette 40145 (Notice Number 438 of 2016) : Invitation to apply for a radio frequency spectrum licence to provide mobile broadband wireless access services for urban and rural areas using the complimentary bands, 700 MHz, 800 MHz and 2.6GHz

No. 41854 355

Page 51/198

#### 4.10.16 862 - 890 MHz

This band currently has several users including:

- Wireless audio (863-865 MHz).
- Fixed links (868.1–876 MHz).
- RFID (865 868 MHz), RFID (869.4- 869.65 MHz).
- Alarms (868.6 868.7 MHz, 860.25 869.3 MHz, 869.65 869.7 MHz).
- Wireless Access Services (824-849 MHz paired with 869-894 MHz).
- Mobile (880-890 MHz paired with 925-935 MHz) currently assigned to Liquid Telecom (Neotel).

It is essential to note that alarms were not part of the SABRE proposed allocations and may need to be consolidated within designated alarm bands. Additionally there is some level of confusion with regards to the Wireless Access Service (824-849 MHz paired with 869-894 MHz) as part of the NRFP – given that such an assignment would interfere with the Mobile band assigned to Liquid Telecom (Neotel). It is proposed to:

- Align re-planning efforts within the 800 MHz band as defined in Government Gazette Number40145 (Notice Number 438 of 2016)<sup>17</sup>.
- Remove the assignment for Wireless Access Services in this band.
- Re-plan the entire band to accommodate IMT (terrestrial) as per SADC FAP proposed common sub-allocation/ utilization.
- Migrate existing users out of this band.

#### NOTE;

The migration plan as contained in Government Gazette number 36334 (Notices Number (352 and 353 of 2013) were implemented through the following notices;

<sup>&</sup>lt;sup>17</sup> Government Gazette 40145 (Notice Number 438 of 2016) : Invitation to apply for a radio frequency spectrum licence to provide mobile broadband wireless access services for urban and rural areas using the complimentary bands, 700 MHz, 800 MHz and 2.6GHz.

Page 52/198

- a) Radio Frequency Assignment Plan for the Band 825 to 830 MHz and 870 to 875 MHz was published in Government Gazette Number 38640 (Notice 274 of 2015) and
- b) Government Gazette Number 41082 (Notice 648 of 2017) for public consultation in accordance with the Frequency Migration Plan published in Government Gazette Number 36334 (Notice 352 and 353 of 2013) and
- c) the Final International Mobile Telecommunications Roadmap 2014, published in Government Gazette Number 38146 (Notice 1009 of 2014

## 4.10.17 890 - 942 MHz

This Planned was implemented through a notice in the Government Gazette;

 RFSAP was developed and is contained in Government Gazette number 38640 (Notice Number 275 of 275 of 2015)

#### 4.10.18 942 - 960 MHz

This band currently is allocated for GSM900 (Vodacom, MTN). There is currently no spare capacity left in this band.

It is proposed that:

- No migration is planned for the band, the allocations remain as-is;
- Spectrum re-farming, when deemed necessary is carried out based upon the principles and policies defined in section 4.12; and
- RFSAP to be developed.

## 4.10.19 1350 - 1375 (1492- 1517)/ 1375 – 1400 (1427 – 1452) MHz

This band is currently allocated to low capacity PTP / DF links. Spectrum is available on a radio coordinated basis. Based upon availability of equipment as well as user demand, ICASA proposes that:

Maintain existing links where required (too expensive to migrate etc.).

No. 41854 357

Page 53/198

- Allocation to rural broadband (BFWA) due to good propagation characteristics.
- Feasibility Study was delayed until after WRC-15 decision (enabling harmonization, equipment availability etc.).
- Plan to developed the Radio Frequency Assignment Plan in line with the studies within ITU-R
   WP 5D in respect of L-Band.

#### 4.10.20 1452 - 1492 MHz

This band is currently allocated to T-DAB and S-DAB due to the current South African allocations of BROADCASTING and BROADCASTING-SATELLITE. Given the allocation of DAB+ in the VHF band (from 214 – 230 MHz) it is important to determine whether the frequency allocation is sufficient or additional spectrum in the L-band needs to be allocated for the purpose. Consideration of this depends upon:

- Whether there is sufficient and adequate demand for DAB services to require assignment in two bands.
- Whether equipment is readily available encompassing both bands.

Under the present and forecasted situation, it is believed that the DAB+ allocation in the VHF band is sufficient to meet the requirements of T-DAB. This would also result in lower equipment costs since any receiver would have to be designed to cover only a single band rather than two distinct bands. In addition, S-DAB may have only very limited potential within South Africa and this spectrum may be better utilized for other purposes. It is there proposed by ICASA to:

- Modify the allocation in this band and align it with the ITU Region 1 to include FIXED, MOBILE except aeronautical mobile, BROADCASTING and BROADCASTING-SATELLITE.
- Allocate this band to PTP/ PMP/ BFWA depending upon the availability of equipment. Communal/ private repeaters could also operate in this band.
- Feasibility Study to be conducted.

Page 54/198

#### 4.10.21 1518 - 1525 MHz

The band was allocated for both SF links as well as the IMT satellite component. However, this band remains unoccupied and there are views that the IMT (satellite) will have limited usage within South Africa.

Due to these factors, ICASA proposes to:

- Allocate this band for repeater links for land-mobile radio (LMR) and migrate such links into this band.
- Band could also be allocated for outside-broadcasting links currently operating in 2300 – 2450 MHz
- Radio Frequency Spectrum Assignment Plan was published for public consultation in Government Gazette Number 41164 (Notice 784 of 2017)

#### 4.10.22 1525 – 1530 & 1530 – 1535 & 1535 – 1559 MHz

The band has been identified for IMT (satellite); Res. 225 (WRC applies). In the band 1530 – 1544 MHz priority for maritime mobile distress, urgency and safety communication (GMDSS); Res. 222 applies. The band is currently being used by INMARSAT.

The Radio Frequency Spectrum Assignment Plan to be developed

#### 4.10.23 1668 – 1675/ 2483.5 - 2500 MHz

The band has been identified for the satellite component of IMT; Res 225 applies. However, the use of IMT (Satellite) within South Africa is limited and it is unclear whether this application would ever become significant for broadband with the strong growth of IMT (Terrestrial).

It was therefore decided to:

Change the current allocation to be in line with ITU Region 1 allocations of:

1668 – 1668.4 MHz:

- MOBILE-SATELLITE (earth-to-space)
- RADIO ASTRONOMY
- SPACE RESEARCH (passive)
- Fixed
- Mobile except aeronautical mobile

No. 41854 359

Page 55/198

1668.4 – 1670 MHz:

- METEOROLOGICAL AIDS
- o FIXED
- MOBILE except aeronautical mobile
- MOBILE-SATELLITE (earth-to-space)
- RADIO ASTRONOMY

1670 – 1675 MHz:

- METEOROLOGICAL AIDS
- METEOROLOGICAL SATELLITE (space-to-earth)
- MOBILE
- MOBILE-SATELLITE (earth-to-space)
- This change in allocation, in line with ITU region 1 would open up the possibilities of introducing fixed links (PTP, PMP) into this band.
- No Migration at this stage.

FIXED service allocations is currently not included in Government Gazette Number 41650 (Notice 266 of 2018)

#### 4.10.24 1880 - 1900 MHz

The band was allocated for cordless DECT by SABRE proposed allocation. This is being currently in use by Telkom to provide WLL services. Depending upon the current utilization of this band, as per SADC FAP proposed common sub-allocation/ utilization, the Authority decided to:

- Allocate this band to BFWA, and
- To have no Migration.

## 4.10.25 1980-2010/ 2170-2200 MHz

The band has been identified for the satellite component of IMT; Res 225 applies. However, the use of IMT (Satellite) within South Africa is limited and it is unclear whether this application would ever become significant for broadband with the strong growth of IMT (Terrestrial). The band is also allocated for Fixed Links, but currently lies unused in

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 56/198

the lower band and utilized by SANDF, Transnet amongst other users in the upper band; this is however under-utilized. The Authority has therefore decided to:

- Allocate for Fixed links and migrate in fixed links from other bands into this band.
- Allocate for BFWA depending upon availability of equipment in these bands (New ICASA proposal).
- Have no Migration at this stage.

## 4.10.26 2025 – 2110 paired with 2200 - 2285 MHz

The band is currently allocated for fixed links – but is under-utilized. SABRE proposed use of 2075 - 2110 MHz for WLL was never implemented.

It is decided to:

 Develop a Radio Frequency Spectrum Assignment Plan which was published for public consultation in Government Gazette Number 41164 (Notice 782 of 2017) for public consultation.

## 4.10.27 2290 - 2300 MHz

Currently unused; In line with SADC proposed common sub-allocation/ utilization, ICASA proposes to:

- Allocate this band to BFWA.
- Develop a Radio Frequency Spectrum Assignment Plan which was published for public consultation in Government Gazette Number 41164 (Notice 783 of 2017) for public consultation.

## 4.10.28 2300 - 2450 MHz

The band is currently in use for several services including:

- Fixed links 2307 2387 MHz paired with 2401 2481 MHz
- Outside broadcasting links (28 MHz) primary basis at (2377, 2471 MHz), secondary basis at (2321, 2349 MHz, 2415, 2443 MHz).
- ISM 2400 2483.5 MHz

As per SADC FAP proposed common sub-allocation/ utilization, it is proposed to:

Allocate 2300 – 2400 MHz for IMT (Terrestrial).

No. 41854 361

Page 57/198

- Continue to retain allocation of 2400 2483.5 MHz for ISM.
- Existing Fixed links could be migrated above 3 GHz.
- Migrate outside-broadcasting links in line with the DTT migration (potentially to 1518 – 1559 MHz band).

The Authority decided that;

• A feasibility study is to be conducted

## 4.10.29 2500 - 2690 MHz

 The RFSAP was developed and is contained in Government Gazette number 38640 (Notice Number 277 of 2015)

## 4.10.30 3400 - 3600 MHz

The RFSAP was developed and is contained in Government Gazette number 38640 (Notice Number 278 of 2015)

# 4.10.31 3600 - 4200 MHz

This band (C-band) is currently being utilized for PTP links (terrestrial backhaul) and Satellite links including VSAT, Satellite downlink and tracking. The proposed allocation as per SADC proposed common sub-allocation/ utilization is:

- (3600-4200 MHz) Fixed services (PTP).
- (3600-4200 MHz) Fixed-satellite (space-to-Earth) (PTP/VSAT/SNG).
- (3600-3800 MHz) Broadband Fixed Wireless Access (BFWA).

The sub-band 3600-3800 MHz could be used for BFWA where frequency sharing with FS PTP and/or FSS is feasible. The channelling arrangement for PTP links in this band is based on ITU-R Recommendation F.635. The sub-band 3600-4200 is used for medium and high capacity PTP links and FSS. In the band 3600-3800 MHz, BFWA, FS PTP and FSS applications will have to operate on coordinated basis. However, considering the difficulty in coordinating ubiquitous user terminals used for BFWA and VSAT,

The Authority has decided that:

• VSAT systems should be migrated to the Ku-band (ref: 4.10.36).

Page 58/198

• RFSAP to be developed.

#### 4.10.32 5470 - 5725 MHz

As per as per SADC proposed common sub-allocation/ utilization, the band can be allocated for:

- Wireless Access Systems (WAS) / RLAN.
- No Migration at this stage.

## 4.10.33 5725 - 5850 MHz

This band is currently being used for ISM, amateur and SRD services. As per ITU footnote 5.453 the band can also be allocated for fixed and mobile services on a primary basis. SADC FAP footnote SADC18 allocates this band for similar services in Swaziland and Tanzania. The NRFP can be updated to reflect the assignment if there is an interest within South Africa for this service in the band.

• No Migration at this stage.

## 4.10.34 5850 - 5925 MHz

The upper C-band is currently being used for terrestrial backhaul and satellite (uplink, VSAT). As per the SADC FAP proposed common sub-allocation/ utilization outside broadcasting links could also be potentially migrated into this band with the proposed allocation as follows:

- Fixed-satellite uplinks (PTP/VSAT/SNG) (5850-6425 MHz) this could also be used for temporary outside-broadcast links.
- FIXED links (5850-5925 MHz).
- ISM (5725-5875 MHz).
- No Migration at this stage.

## 4.10.35 5925 - 6700 MHz

As per the SADC proposed common sub-allocation/ utilization the current band would be allocated as follows:

■ 5925 – 6425 MHz Fixed links (lower 6 GHz in accordance with ITU-R Rec. F.383).

No. 41854 363

Page 59/198

- 6425 7110 MHz Fixed links (upper 6 GHz in accordance with ITU-R Rec. F.384).
- 5850 6425 Fixed-satellite uplinks (PTP, VSAT, SNG).
- No Migration at this stage.

## 4.10.36 10700 - 11700 MHz

This is the defined Ku band. VSAT links should be migrated into this band as per SADC proposed common sub-allocation/ utilization.

• No Migration at this stage.

## 4.10.37 12390, 16420 and 154 – 15700 MHz

No Migration at this stage

# 4.10.38 40000 MHz and above

Although out-migration is not an issue above 40GHz, the following comment should be made:

- Frequency bands above 40 GHz are relatively under-utilized. Equipment is available off the shelf for high bandwidth PTP links over distances of up to 5km. It is proposed that in the spectrum above 40GHz, allocations are made for Fixed Services such as PTP links which would be useful especially in metropolitan areas for line-of-sight (LoS) high capacity data links.
- It is planned to carry out studies regarding the use of the high frequency band in accordance with WRC 19 Agenda Item 1.13

# 4.11 Summary of the Authority's decision

The following table summarises the Authority's decision is making regarding frequency migration as extracted from the previous section. These decisions are additional to those proposals made by SABRE and migrations stemming from the WRC and the SADC FAP.

Frequency Band (MHz)	Notes on migration/ usage
141 – 141.5	Migrate SF Mobile out of this band and allocate for SF alarms.

#### Table 2 Consolidated list of New ICASA proposals for migration

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 60/198

Frequency Band (MHz)	Notes on migration/ usage
141 – 142	Migrate remote controlled industrial apparatus to ISM Band.
380 – 400	Allocated for public safety/ government services. Migrate all such users into this band.
410 – 430	Allocated for Digital Public Trunking.
440 – 440.1 paired with 445 – 445.1	Allocated for Short-range Business Radio; all other users migrate out of band.
921 – 925 paired with 876 – 880	Allocated for GSM-R; migrate other users out of this band.
1350 – 1375 paired with 1492- 1517	Allocate for Rural BFWA; migrate existing fixed duplex links out of this band.
1375 – 1400 paired with 1427 – 1452	
1452 - 1492	Change allocation to include FIXED, MOBILE except aeronautical mobile. Use for BFWA/ PTP/ PMP depending upon availability of equipment.
1518 – 1559	Allocate for links for LMR repeaters; Migrate in outside-broadcasting links currently operating in 2300 – 2450 MHz
1668 – 1675	Change allocation in line with ITU Region 1 allocations to include FIXED and Mobile except aeronautical mobile within the allocations.
1980 – 2010 paired with 2170- 2200	Migrate in Fixed links (DF) from other bands; allocate for BFWA.
2025 – 2110 paired with 2200 - 2285	Migrate in Fixed links (DF) from other bands; allocate for BFWA.
2300 – 2450	Migrate outside broadcasting links to the 1518 – 1559 MHz band.

No. 41854 365

Page 61/198

# 4.12 Commentary on Spectrum Re-farming

#### 4.12.1 Definition of spectrum re-farming

Spectrum re-farming is defined as a process of changing the conditions of frequency usage in any part of the radio spectrum<sup>18</sup>. This includes:

- Change of the technical conditions of the frequency assignment.
- Change of the application.
- Change of allocation to a different telecommunications service.

## 4.12.2 Need for Re-farming in GSM / Mobile bands

Frequency bands in the sub- GHz range are attractive to operators since it offers better propagation characteristics leading to better coverage at lower cost as well as indoor coverage in comparison to higher frequency bands.

At the same time mobile broadband subscriptions and traffic continue to grow at a rapid rate and is expected to reach over 5 billion devices by 2016, worldwide. This is mainly due to a shift towards mobile-broadband enabled smart phones over voice centric phones in the mass market coupled with a rapid declining price for the same. However, in order to provide a good quality of mobile broadband service requires better network quality. This can be achieved either through:

- Enhancements in technology (MIMO, Adaptive techniques etc.) or.
- Additional spectrum dedicated to mobile broadband either via new carriers or new bands.

This trend also leads to the phenomenon that as a larger number of users migrate to smart-phones the incumbent 'voice only' bands i.e. GSM 900 and 1800 MHz in this case will have spectrum which is being inefficiently utilized (due to fewer users). However, as these bands have been allocated for a particular application the incumbent licensees are not able to use the same band for other purposes (e.g. mobile broadband)

At the same time, it is important that the spectrum being allocated/ dedicated have as wide a regional footprint as possible – this will drive down device costs due to economies

Page 62/198

of scale. The legacy GSM bands at 900 MHz and 1800 MHz fall into this category. For e.g. the GSM 1800 MHz band is used by over 350 operators in 148 countries around the world<sup>19</sup>.

The result is that in order to be able to better utilize the currently assigned frequencies and maximize the social impact by leveraging economies of scale it may be necessary to consider spectrum re-farming, especially in the heavily used GSM bands.

#### 4.12.3 Points of consideration for GSM / Mobile Bands

- South Africa still retains a large number of its subscriber base for Voice with the current 2G GSM spectrum (900 MHz and 1800 MHz) being fully utilized by the current license holders. This subscriber base would to a large extent be represented by lower income groups and it would be important to maintain the voice service for their benefit.
- Until such a stage is reached that the subscriber base using the existing 2G spectrum is reduced in size to a level where the existing 2G bands have spare capacity, the issue of spectrum re-farming should not be allocated high priority. Instead efforts should be focused towards locating additional bands for IMT as per WRC and SADC proposed spectrum allocation/ utilization.
- However, it should be noted that in some cases, such spectrum re-farming may also be in the interest of the current licensee (e.g. the operator) since it allows him to change the allocation/ technical conditions in order to better serve his customer base.
- The GSM 900 MHz and 1800 MHz frequencies are currently occupied by the incumbent mobile operators who have nationwide assignments. If there is a case to inject competition in this market, a re-farming exercise would also need to consider ways and means to re-allocate spectrum between the incumbents and new entrant(s) so as to facilitate free and fair competition. Such an exercise could be carried out for both 900 and 1800 bands at the same time in conjunction with assignments in other bands allocated to IMT to allow existing operators to maintain their existing level of service.

<sup>&</sup>lt;sup>19</sup> Delivering the best mobile broadband experience: the 1800MHz spectrum 're-farming' opportunity (Ericsson)

No. 41854 367

Page 63/198

# 5 Potential Impact of Spectrum Migration

# 5.1 Bands planned for IMT

One of the critical issues under public debate in South Africa is the availability of spectrum for mobile broadband wireless access.

A total of 649 MHz of spectrum is made available for IMT following SADC FAP proposed common sub-allocation and WRC resolutions, as-is indicated by the following table.

Frequency Band (MHz)	Bandwidth (MHz)	Current Allocation	Notes
450 – 470	20	Various allocations (Fixed, Mobile)	Enabled for IMT as per WRC-7, Res. 224 applies
694 – 792	98	TV Broadcasting	Enabled for IMT as per WRC-12, Res. 232 – Digital Dividend 2
790 – 862	72	TV Broadcasting	Enabled for IMT as per WRC-7, planned for 2015 – Digital Dividend 1
862 – 876	14	Fixed, Alarms, Mobile Wireless Access	Enabled for IMT as per SADC FAP proposed common sub- allocation/ utilization
1880 – 1920	40	DECT/ Extended DECT (Telkom National License)	Enabled for IMT as per SADC FAP proposed common sub- allocation/ utilization

## Table 3 Bands planned for IMT

Page 64/198

2010 – 2025	15	FIXED / MOBILE	Enabled for IMT as per SADC FAP proposed common sub- allocation/ utilization
2500 – 2690	190	MOBILE	Enabled for IMT as per SADC FAP proposed common sub- allocation/ utilization
3400 – 3600	200	BFWA	Enabled for IMT as per WRC-07, effective Nov. 2010

This does not include the frequency already allocated and assigned to GSM / UMTS.

# 5.2 Frequency Migration Resolutions resulting from WRC 15

The following Resolutions were considered to be included in the Frequency Migration Plan 2018.

Frequency Band (MHz)	WRC	Res. / Rec.	Footnot e	Resolution/ Footnote
5.3515 - 5 3665	15		5.133B	<ol> <li>Stations in the amateur service using the frequency band 5 351.5-5 366.5 kHz shall not exceed a maximum radiated power of 15 W (e.i.r.p.).</li> </ol>
108 - 117.975	12	413		<ol> <li>Use by aeronautical mobile (R) service without interfering with existing ARNS systems</li> </ol>
450 – 470	7	224		<ol> <li>Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz</li> </ol>

Table 4 WRC resolutions

No. 41854 369

Page 65/198

694 – 790	12	232		<ol> <li>Use of the frequency band 694- 790 MHz by the mobile, except aeronautical mobile, service in Region 1 and related studies</li> </ol>
790 – 862	12	224		<ol> <li>Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz</li> </ol>
1 452-1 492	15	223, 750 & 761	5.346	<ol> <li>Additional frequency bands identified for International Mobile Telecommunications</li> <li>Compatibility between the Earth exploration-satellite service (passive) and relevant active services</li> <li>Compatibility of International Mobile Telecommunications and broadcasting-satellite service (sound) in the frequency band 1 452-1 492 MHz in Regions 1 and 3</li> </ol>
960 – 1164	12	417		<ol> <li>Use of 960 – 1164 MHz by aeronautical mobile (R) service meeting standard and recommended practice</li> </ol>
1518 - 1544 1545 - 1559 1610 - 1626.5 1626.5 - 1645.5 1646.5 - 1660.5 1668 - 1675 2483.5 - 2500	12	225		10. Use of additional frequency bands for the satellite component of IMT
1525 – 1559/ 1626.5	12	222		11. Use of 1525-1559 MHz and 1626.5-1660.5 MHz by the

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 66/198

- 1660.5				mobile-satellite service, and
				procedures to ensure long- term spectrum access for the aeronautical mobile-satellite (R) service
161.9375 -161.9625	15		5.228AA	12. The use of the frequency bands 161.9375-161.9625 MHz and 161.9875-162.0125 MHz by the maritime mobile-satellite (Earth- to-space) service is limited to the systems which operate in accordance with Appendix <b>18</b> . (WRC-15)
161.9875-162.0125 MHz	15		5.228AA	<ul> <li>13. The use of the frequency bands 161.9375-161.9625 MHz and 161.9875-162.0125 MHz by the maritime mobile-satellite (Earth- to-space) service is limited to the systems which operate in accordance with Appendix 18. (WRC-15)</li> </ul>
173.7 – 175.1			NF5	<ul> <li>14. This frequency band may be used for wireless microphones for services ancillary to Broadcasting (SAB) and services ancillary to programme (SAP) making. Use of wireless microphones must be co- ordinated and licensed.</li> </ul>
403-406 MHz	15	205	5.265	<ol> <li>Protection of the systems operating in the mobile satellite service in the frequency band 406-406.1 MHz</li> </ol>
406-406.1	15	205	5.265	<ol> <li>Protection of the systems operating in the mobile satellite service in the frequency band 406-406.1 MHz</li> </ol>
406.1-410 MHz	15	205	5.265	17. Protection of the systems operating in the mobile satellite

No. 41854 **371** 

Page 67/198

				service in the frequency band
				406-406.1 MHz
410-420 MHz	15		5.268	<ol> <li>Use of the frequency band 410- 420 MHz by the space research service is limited to space-to- space communication links with an orbiting, manned space vehicle.</li> </ol>
432-438 MHz	15		5.279A	<ul> <li>19. The use of the frequency band</li> <li>432-438 MHz by sensors in the</li> <li>Earth exploration-satellite</li> <li>service (active) shall be in</li> <li>accordance with</li> <li>Recommendation ITU-R</li> <li>RS.1260-1</li> </ul>
450-455 MHz	15	224	5.286AA	20. Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz
455-456 MHz	15	224	5.286AA	21. Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz
456-459 MHz	15	224	5.286AA	22. Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz
456-459 MHz	15	224	5.287	23. Use of the frequency bands 457.5125-457.5875 MHz and 467.5125-467.5875 MHz by the maritime mobile service is limited to on-board communication stations.
459-460 MHz	15	224	5.286AA	24. Frequency bands for the terrestrial component of International Mobile

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 68/198

				Telecommunications below 1 GHz
460-470 MHz	15	224	5.286AA	25. Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz
				26.
470-694 MHz	15	760	5.296	27. Additional allocation: the frequency band 470-694 MHz is also allocated on a secondary basis to the land mobile service, intended for applications ancillary to broadcasting and programme-making.
694 – 790 MHz	15	224, 760	5.312A, 5.317A	<ul> <li>28. Provisions relating to the use of the frequency band 694-790</li> <li>MHz in Region 1 by the mobile, except aeronautical mobile, service and by other services</li> </ul>
790 – 862 MHz	15	224, 749	5.312A, 5.317A	<ul> <li>29. Use of the frequency band 790- 862 MHz in countries of Region</li> <li>1 and the Islamic</li> <li>Republic of Iran by mobile</li> <li>applications and by other</li> <li>services</li> </ul>
862-890 MHz	15	224, 760 & 749	5.317A	30. The parts of the frequency band 698-960 MHz in Region 2 and the frequency bands 694-790 MHz in Region 1 and 790-960 MHz in Regions 1 and 3 which are allocated to the mobile service on a primary basis are identified for use by administrations wishing to implement International Mobile Telecommunications (IMT)
960-1 164 MHz	15	417	5.327A,	31. Use of the frequency band 960-

No. 41854 373

Page 69/198

			5.328	1 164 MHz by the aeronautical
				mobile (R) service
1 350-1 400 MHz	15	750		<ul> <li>32. Compatibility between the Earth exploration-satellite service (passive)</li> <li>33. and relevant active services</li> </ul>
1 427-1 429 MHz	15	223	5,341A	<ul><li>34. Additional frequency bands</li><li>identified for International Mobile</li><li>Telecommunications</li></ul>
1 452-1 492 MHz	15	223, 739, 761	5.346, 5.208B	<ul> <li>35. Additional frequency bands identified for International Mobile Telecommunications</li> <li>36. Compatibility of International Mobile Telecommunications and broadcasting-satellite service (sound) in the frequency band 1 452-1 492 MHz in Regions 1 and 3</li> </ul>
1 492-1 518 MHz	15	223	5.341A	37. Additional frequency bands identified for International Mobile Telecommunications
1 525-1 530 MHz	15	739	5.208B	<ol> <li>Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands</li> </ol>
1 530-1 535 MHz	15	739	5.208B	<ol> <li>Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands</li> </ol>
1 535-1 559 MHz	15	739	5.208B	40. Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands
1 559-1 610 MHz	15	739	5.208B	41. Compatibility between the radio astronomy service and the active space services in certain

Page 70/198

				adjacent and nearby frequency bands
1 613.8-1 626.5 MHz	15	739	5.208B	42. Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands
1 710-1 930 MHz	15	223, 212	5.384A, 5.388	<ul> <li>43. Additional frequency bands identified for International Mobile Telecommunications</li> <li>44. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
1885 – 2025/ 2100 - 2200	07	212		45. Implementation of International Mobile Telecommunications in the bands 1885-2025 MHz and 2110-2200 MHz
1 930-1 970 MHz	15	223, 212	5.388	<ul> <li>46. Additional frequency bands identified for International Mobile Telecommunications</li> <li>47. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
1970-1980 MHz	15	223, 212,	5.388	<ul> <li>48. Additional frequency bands identified for International Mobile Telecommunications</li> <li>49. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
1980-2010 MHz	15	223,212	5.388	<ul> <li>50. Additional frequency bands identified for International Mobile Telecommunications</li> <li>51. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>

No. 41854 375

Page 71/198

2010-2025 MHz				52 Additional frequency hands
2010-2023 MITZ	15	223,212	5.388	<ul> <li>52. Additional frequency bands identified for International Mobile Telecommunications</li> <li>53. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
2110-2120 MHz	15	223,212	5.388	<ul> <li>54. Additional frequency bands identified for International Mobile Telecommunications</li> <li>55. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
2120-2160 MHz	15	223 212	5.388	<ul> <li>56. Additional frequency bands identified for International Mobile Telecommunications</li> <li>57. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
2160-2170 MHz	15	223 212	5.388	<ul> <li>58. Additional frequency bands identified for International Mobile Telecommunications</li> <li>59. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
2170-2200 MHz	15	223 212		<ul> <li>60. Additional frequency bands identified for International Mobile Telecommunications</li> <li>61. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2 025 MHz and 2 110-2 200 MHz</li> </ul>
2200-2290 MHz	97	622	5.391	62. In making assignments to the mobile service in the frequency bands 2 025-2 110 MHz and 2 200-2 290 MHz, administrations

Page 72/198

				shall not introduce high-density mobile systems
2300 – 2400	12	223		63. Additional frequency bands identified for IMT
3300-3400 MHz	15	223	5.429A, 5.429B	<ul><li>64. Additional frequency bands identified for International</li><li>65. Mobile Telecommunications</li></ul>
3400-3600 MHz	2004		5.430A	<ol> <li>66. The allocation of the frequency band 3 400-3 600 MHz to the mobile, except aeronautical mobile, service is subject to agreement obtained under No.</li> <li>9.21.</li> </ol>
4200-4400 MHz	15	424	5.436, 5.437	67. Use of Wireless Avionics Intra- Communications in the frequency band 4 200-4 400 MHz
5010-5030 MHz	15	741	5.443B	68. Protection of the radio astronomy service in the frequency ban 4 990-5 000 MHz from unwanted emissions of the radionavigation - satellite service (space-to-Earth) operating in the frequency band 5 010-5 030 MH
5030-5091 MHz	15	114	5.444	69. Compatibility between the aeronautical radionavigation service and the fixed-satellite service (Earth-to-space) (limited to feeder links of the non- geostationary mobile-satellite systems in the mobile-satellite service in the frequency band 5 091-5 150 MHz
5091-5150 MHz	15	114	5.444A, 5.444	70. Compatibility between the aeronautical radionavigation service and the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-

No. 41854 377

Page 73/198

5150 – 5250/ 5250 – 5350/ 5470 – 5725	12, Rev.15	229	5.446	geostationary mobile-satellite systems in the mobile-satellite service) in the frequency band 5 091-5 150 MHz 71. Use of the bands 5150-5250 MHz, 5250-5350 MHz and 5470- 5725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks
5250-5255 MHz		229,	5.447F	<ul> <li>72. Use of the bands 5150-5250</li> <li>MHz, 5250-5350 MHz and 5470- 5725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks</li> </ul>
5470-5570 MHz	15	229	5.450A	<ul> <li>73. Use of the bands 5150-5250</li> <li>MHz, 5250-5350 MHz and 5470- 5725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks</li> </ul>
5 725-5 830 MHz	15	762	5.150	<ul> <li>74. Application of power flux-density criteria to assess the potential for harmful interference under No. 11.32A for fixed satellite and broadcasting-satellite service networks in the 6 GHz and 10/11/12/14 GHz frequency bands not subject to a Plan</li> </ul>
5925-6700 MHz	03, rev.15	902	5.457A	75. Provisions relating to earth stations located on board vessels which operate in fixed- satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 74/198

7 300-7 375 MHz	15	5.461	<ul> <li>76. Additional allocation: the bands</li> <li>7 250-7 375 MHz (space-to- Earth) and 7 900-8 025 MHz</li> <li>(Earth-to space) are also allocated to the mobile-satellite service on a primary basis, subject to agreement obtained under No. 9.21.</li> </ul>
7 375-7 450 MHz	15	5.461AA 5.461AB	77. The use of the frequency band 7 375-7 750 MHz by the maritime mobile satellite service is limited to geostationary-satellite networks.
7 450-7 550 MHz	15	5.461AA 5.461AB	78. The use of the frequency band 7 375-7 750 MHz by the maritime mobile satellite service is limited to geostationary-satellite networks.
7 550-7 750 MHz	15	5.461AA 5.461AB	79. The use of the frequency band 7 375-7 750 MHz by the maritime mobile satellite service is limited to geostationary-satellite networks.
9 200-9 300 MHz	15	5.474A 5.474B 5.474C	80. In the band 9 200-9 500 MHz, search and rescue transponders (SART) may be used, having due regard to the appropriate ITU-R Recommendation
9900-10 000 MHz	15	5.474A 5.474B 5.474C	<ul> <li>81. The use of the frequency bands</li> <li>9 200-9 300 MHz and 9 900-10</li> <li>400 MHz by the Earth</li> <li>exploration-satellite service</li> <li>(active) is limited to systems</li> <li>requiring necessary bandwidth</li> <li>greater than 600 MHz that</li> <li>cannot be fully accommodated</li> <li>within the frequency band 9 300-</li> <li>9 900 MHz</li> </ul>

No. 41854 379

STAATSKOERANT, 24 AUGUSTUS 2018

Page 75/198

10-10.4 GHz	15		5.474D 5.479	<ul> <li>82. Stations in the Earth exploration- satellite service (active) shall not cause harmful interference to, or claim protection from, stations of the maritime radionavigation and radiolocation services in the frequency band 9 200-9 300 MHz, the radionavigation and radiolocation services in the frequency band 9 900-10 000 MHz and the radiolocation service in the frequency band 10.0-10.4 GHz. (WRC-15)</li> </ul>
10.7-10.95 GHz	15		5.441	83. The use of the bands10.7-10.95 GHz (space-to-Earth), 11.2- 11.45 GHz (space-to-Earth) and 12.75-13.25 GHz (Earth-to- space) by a non-geostationary- satellite system in the fixed- satellite service is subject to application of the provisions of No. 9.12 for coordination with other non-geostationary-satellite systems in the fixed-satellite service.
10.95-11.2 GHz	15	155	5.484A 5.484B	<ul> <li>84. Regulatory provisions related to earth stations on board unmanned aircraft which operate with geostationary- satellite networks in the fixed- satellite service in certain frequency bands not subject to a Plan of Appendices 30, 30A and 30B for the control and non- payload communications of unmanned aircraft systems in non-segregated airspaces</li> </ul>
11.2-11.45 GHz	15		5.441	85. The use of the bands 10.7-10.95 GHz (space-to-Earth), 11.2-

Page 76/198

				11.45 GHz (space-to-Earth) and 12.75-13.25 GHz (Earth-to- space) by a non-geostationary- satellite system in the fixed- satellite service is subject to application of the provisions of No. <b>9.12</b> for coordination with other non-geostationary-satellite systems in the fixed-satellite service.
11.45-11.7 GHz	15	Rec.F387		86. This band is used for Fixed links (11 GHz) (10.7-11.7 GHz).
13.4-13.65 GHz	15	902		87. Standard frequency and time signal-satellite (Earth-to-space)
14-14.25 GHz	15	902		88. Provisions relating to earth stations located on board vessels which operate in fixed- satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz
14.25-14.3 GHz	15	902		89. Provisions relating to earth stations located on board vessels which operate in fixed- satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz
14.47-14.5 GHz	15	902		90. Provisions relating to earth stations located on board vessels which operate in fixed- satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz
14.5-14.75 GHz	15		163,	<ul> <li>91. Deployment of earth stations in some Regions 1 and 2 countries in the frequency band 14.5-14.75 GHz in the fixed-satellite service (Earth-to-space) not for feeder links for the broadcasting-satellite service</li> </ul>

No. 41854 **381** 

Page 77/198

15400 – 15700	07	614		92. Use of the band 15.4-15.7 GHz by the radiolocation service
21.4-22 GHz	15	739	5.208B, 5.530A	<ul> <li>93. Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands</li> </ul>
22.550 – 23.150 GHz	07	753		94. Use of the band 22.55-23.15 GHz by the space research service
25.5-27 GHz	15	F.748	5.536B	<ul> <li>95. National Polar-Orbiting</li> <li>Operational Environment</li> <li>Satellite System (NPOESS)</li> <li>Fixed Links (26 GHz) (24.5 –</li> <li>26.5 GHz) BFWA (24.5-26.5</li> <li>GHz</li> </ul>
27.5-28.5 GHz	07	143		96. Guidelines for the implementation of high-density applications in the fixed satellite service in frequency bands identified for these applications
29.1-29.5 GHz	15	143		97. Guidelines for the implementation of high-density applications in the fixed satellite service in frequency bands identified for these applications
31-31.3 GHz	15	07	5.149	<ul> <li>98. In making assignments to stations of other services to which the band allocated, administrations are urged to take all practicable steps to protect the radio astronomy service from harmful Interference. Emissions from space borne or airborne stations can be particularly serious sources of interference to the Radio astronomy service (see</li> </ul>

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 78/198

				Nos. <b>4.5</b> and <b>4.6</b> and Article <b>29</b> ). (WRC-07)
42.5-43.5 GHz	15	S.1586-1 RA.1631-0	5.551H	<ul> <li>99. Calculation of unwanted emission levels produced by a non-geostationary fixed satellite service system at radio astronomy sites</li> <li>100. Reference radio astronomy antenna pattern to be used for compatibility analyses between non-GSO systems and radio astronomy service stations based on the epfd concept</li> </ul>

### 5.3 Other Migration issues

The table below summarises other migration issues that have been highlighted.

Table 5 Summar	y of migration iss	ues
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Frequency	Current	Proposed	Notes
Band (MHz)	Allocation	Allocation	
380 – 400	Public Safety (SAPS, DoD etc.)	Public Safety only	Consolidate all public safety related services in this band; move other users out of the band
410 – 430	Government services, Mobile Data and Trunking	Digital Trunking only	Reserve for Digital Trunking use only; migrate mobile data, ESKOM, SAPS out of the band
440 – 450	Short range	Short Range	Should be cleared of all other users;
	business radio/	Business Radio,	Communal repeaters can be allocated
	PMR/ other links	PMR only	in this band

No. 41854 383

Page 79/198

450 – 470	FIXED, MOBILE	IMT	Should be cleared of all other users
790-862	BROADCAST	IMT	Studio Links need to be migrated out to enable efficient allocation for IMT. Self Help stations need to migrate to below 692 MHz
921 – 925 paired with 876 - 880		GSM-R	Originally allocated by SABRE 1 for digital trunking – currently unused
1350 – 1375 paired with 1492 – 1517	Shared duplex band	BFWA	Could be a consideration for rural BFWA
1375 – 1400 paired with 1427 – 1452	Shared duplex band	BFWA	Could be a consideration for rural BFWA
2025 – 2110 paired with 2200 – 2285	Fixed links (DF)	BFWA	Fixed links currently underutilized
3600 – 4200	Satellite (VSAT, downlink), Terrestrial backhaul	3600 – 3800 MHz BFWA 3600 – 4200 MHz PTP and FSS	Migrate VSAT from C to Ku Band
5850 – 6425	Fixed/ Satellite uplinks	Fixed/ Satellite uplink/ Outside Broadcast links	Migrate outside-broadcast from 2300 – 2450 MHz into upper C band
40000 and above		Allocate for PTP links	For local high-speed PTP data links (up to 5 km)

Page 80/198

## 6 Frequency Migration Plan

### 6.1 **Progress Update to Frequency Migration Plan 2013**

The Frequency Migration Plan 2018 was compiled from unresolved issues from the Migration Frequency Plan 2013. WRC 2015, SADC FAP, and revisions, NRFP 2018 and ICASA Counsel resolutions and other information included in this document. The following table deals with all bands where there is a potential frequency migration issue. The motivation for a migration is either that it is an original SABRE proposal, stems from WRC resolutions, SADC FAP or the Authority's decision. The content of the Migration Frequency Plan 2018 need to be viewed in conjunction with the NRFP 2018 published in Government Gazette Number 41650 Notice 266 of 2018. Section 4.10 contains more information on the frequency bands included in the Frequency Migration Plan.

Column 1 indicates the frequency range.

Column 2 states the existing allocation in the National Radio Frequency Plan 2013 and also any applications that are mentioned in the NRFP. As is the standard practice for frequency plans, primary allocations are in UPPER CASE, secondary allocations are in Lower Case. Applications are (within brackets).

Column 3 indicates the proposals for new allocations and utilization. The proposed allocation is indicated along with the source of the proposal (SABRE, WRC, SADC FAP, New ICASA proposals).

Column 4 contains notes on any migration issues.

This table only includes those bands where frequency migration is under consideration.

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
75.2 – 87.5	MOBILE except aeronautical mobile (Private and communal repeaters)	RadioFrequencyMigrationPlanGovernmentGazetteNumber.36334 (NoticeNo.352 & 353 of 2013)-	Radio Draft Radio Frequency Spectrum Assignment Plan Refer to: Government Gazette Number.41164 (Notice No. 781 of 2017)
138 – 143.6	MOBILE	Radio Frequency	Draft Radio Frequency

Table 6 Proposed migration plan

No. 41854 387

Page 81/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	FIXED (SF alarms, SF Mobile, MTX-BTX paired links, Remote controlled industrial apparatus)	MigrationPlanGovernmentGazetteNumber.36334No.352 & 353 of 2013)	Spectrum Assignment Plan Refer to: Government Gazette Number.41164 (Notice No. 785 of 2017)
150.05 – 153	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY (Alarms, telemetry, SF Mobile and paging <sup>20</sup> )	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Draft Radio Frequency Spectrum Assignment Plan Refer to: Government Gazette Number.41164 (Notice No. 786 of 2017)
156.4875 – 156.5625	MARITIME MOBILE (distress and calling via DSC) FIXED LAND MOBILE (Maritime Radio- navigation and location (radar), SF mobile in inland areas)	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Draft Radio Frequency Spectrum Assignment Plan Refer to: Government Gazette Number.41350 (Notice No. 971 of 2017)
162.0375 – 174	MOBILE except aeronautical mobile (R) Mobile Satellite Services (Earth-to-	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice	Draft Radio Frequency Spectrum Assignment Plan Refer to: Feasibility Study to be

<sup>&</sup>lt;sup>20</sup> Alarms, SF Mobile. In-house paging and load shedding (148.95 – 151 MHz); SF Alarms (152.05 – 152.55 MHz); Government Service Wildlife Telemetry Tracking (148 – 152 MHz); SF Mobile (152.55 – 153.05 MHz)

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 82/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	space)	No. 352 & 353 of 2013)	performed. See section 4.10.5.
174 - 223	BROADCASTING	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Refer to Terrestrial Broadcasting Frequency Plan Government Gazette Number 36321 (Notice No. 298 of 2013)
223 – 230 & 230 - 238	BROADCASTING ()	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Refer to Terrestrial Broadcasting Frequency Plan Government Gazette Number 36321 (Notice No. 298 of 2013)
238 – 246 & 246 - 254	BROADCASTING (246 – 254) MOBILE(238 – 246)	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Refer to Terrestrial Broadcasting Frequency Plan Government Gazette Number 36321 (Notice No. 298 of 2013) See Terrestrial Broadcasting Frequency Plan 2013 Government Gazette Number. 36321 (Notice 298 of 2013)
335.4 - 387	FIXED MOBILE	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Migrate existing fixed links to above 3 GHz as per SADC proposed common sub-allocation/ utilization

No. 41854 389

Page 83/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
		335.4-336 MHz/ 346.0-356.0 MHz/ 366.0-380.0 MHz PMR and/or PAMR 336-346 MHz paired with 356-366 MHz Fixed Wireless Access/ PTP/PTMP rural system (as per SADC FAP proposed common sub- allocation/ utilization)	(refer to 4.10.9) There are 1362 Licenses issued in this band. Feasibility study on the use of this band need to be done.
335-387 & 387 – 390 & 390 – 399.9	MOBILE (380 – 400 MHz) (Public safety, SAPS, DOD, Army etc.)	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Radio Frequency Spectrum Assignment Plan Government Gazette 41512 (Notice 148 of 2018)
403 - 406	FIXED Mobile except aeronautical mobile	METEOROLOGICAL AIDS Mobile except aeronautical mobile	Develop Radio Frequency Spectrum Assignment Plan
406 - 410	FIXED Mobile except aeronautical mobile	Mobile MTX (407.625 – 410 MHz). Government Use for Public Safety	Develop Radio Frequency Spectrum Assignment Plan
410 - 420	FIXED Mobile except aeronautical mobile	Mobile MTX (410 – 413 MHz). Government Use for Public Safety	DevelopRadioFrequencySpectrumAssignment Plan.Band reserved forPublic Digital Trunking(New ICASA proposal)Migrategovernment

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 84/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
			services (especially SAPS) to public safety band 380 – 400 MHz, Mobile Data - Migrate Mobile Data users out of this band (refer to section 4.10.11
420 – 430	FIXED Mobile except aeronautical mobile (Government services, Mobile Data and public trunking)	PMR and/ or PPDR (SADC FAP proposed common sub-allocation/ utilization) Public digital trunking only (New ICASA proposal)	Develop Radio Frequency Spectrum Assignment Plan. Band reserved for Public Digital Trunking (New ICASA proposal) Migrate government services (especially SAPS) to public safety band 380 – 400 MHz, Mobile Data users out of this band (refer to section 4.10.11)
440 – 450	FIXED Mobile except aeronautical mobile (Short range business radio and PMR)	Short range business radio and PMR (New ICASA proposal) Channels 440 to 440.1 and 445 to 445.1 are used for simplex. Other allocations stay as-is.	RefertoRadioFrequencyMigrationPlanGovernmentGazetteNumber36334(Notice no. 352 of 2013)
450 – 455 & 455 – 456 & 456 – 459 &	FIXED MOBILE	Radio Frequency Migration Plan	Radio Frequency Spectrum Assignment

No. 41854 **391** 

Page 85/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
459 – 460 & 460 - 470	(Trunked Mobile Railways, Mines etc.)	Government Gazette Number. 36334 (Notice No. 352 & 353 of 2013)	Plan Government Gazette 38640 (Notice 270 of 2015)
694 – 790	BROADCASTING RADIO ASTRONOMY	IMT (Terrestrial) (WRC- 12)	Digital Dividend 2; DTT bands between 694 – 790 MHz Planned migration of television out of this band started in 2016 Refer to 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 271 & 272 of 2015), 3) Terrestrial Broadcasting Frequency Plan 2013 Government Gazette Number. 36321 (Notice 298 of 2013) and Government Gazette Number. 38005 (Notice No. 801 of 2014)

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 86/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
790 – 862	FIXED BROADCASTING MOBILE except aeronautical mobile (TV Broadcast including fixed links (Secondary transmitter links))	IMT (Terrestrial) (WRC- 07).	Digital Dividend 1; DTT bands between 790 – 862 MHz Planned migration of television out of this band started in 2016 Refer to 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 273 & 274 of 2015), 3) Refer Second draft Radio Frequency Assignment Plan for the frequency band 825 to 830 MHz and 870 to 875 MHz for public consultation GG 41082 of 2017) 4) Terrestrial Broadcasting Frequency Plan 2013 Government Gazette Number. 36321 (Notice 298 of 2013) and

No. 41854 **393** 

Page 87/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
			Government Gazette Number 38005 (Notice No. 801 of 2014)
862 - 890	FIXED MOBILE except aeronautical mobile (Wireless audio (863- 865 MHz), Fixed links (868.1–876 MHz), RFID (865 – 868 MHz), RFID (869.4- 869.65 MHz) Alarms (868.6 – 868.7 MHz, 860.25 – 869.3 MHz, 869.65 – 869.7 MHz) Wireless Access Services (824-849 MHz paired with 869-894 MHz) Mobile (880-890 MHz paired with 925- 935 MHz))	Mobile (IMT) (as per SADC FAP proposed common sub- allocation/ utilization)	Migrate to IMT as per SADC FAP proposed common sub-allocation/ utilization to facilitate development of harmonized channelling arrangement. Refer to: 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 273 & 274 of 2015), 3) Second draft Radio Frequency Assignment Plan for the frequency band 825 to 830 MHz and 870 to 875 MHz for public consultation GG 41082 of 2017 (Notice No. 648 of 2017)
890 – 942	MOBILE except	Allocate 921 – 925 MHz	Refer to:

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 88/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	aeronautical mobile (Mobile (890-915 MHz paired with 925-935 MHz) Several RFID systems (915.1 – 921 MHz), (GSM900 band)	for GSM-R All other allocations maintained as-is	<ol> <li>Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)</li> <li>Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 275 of 2015),</li> </ol>
942 – 960	MOBILE except aeronautical mobile (GSM 900)		Refer to: 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 275 of 2015),
1350 – 1375 paired with 1492 – 1517 and 1375 – 1400 MHz paired with 1427 – 1452	FIXED (Fixed low capacity PTP DF links)	Rural BFWA (New ICASA proposal)	Allocate to rural BFWA; maintain existing links where required Radio Frequency Spectrum Assignment Plan to be developed in line with the studies

No. 41854 **395** 

Page 89/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
			within ITU-R WP 5D in respect of L-Band. (refer to 4.10.19) Refer to: Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
1429 – 1452 MHz FIXED MOBILE except aeronautical mobile 5.341A 5.338A 5.341 5.342	FIXED MOBILE except aeronautical mobile 5.341A 5.338A 5.341	Fixed links (duplex	Paired with 1 375 – 1 400 MHz) In accordance with Recommendation ITU- R F.1242 See above Refer to: Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
1 452-1 492 MHz FIXED MOBILE except aeronautical mobile 5.346	FIXED NF14 MOBILE except aeronautical mobile 5.346 BROADCASTING	FWBA/ PTP/ PMP/ LMR (New ICASA proposal)	Feasibility studies to be performed. Resolution <b>761 (WRC-15)</b> on the "Compatibility of International Mobile Telecommunications and broadcastions-

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 90/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
BROADCASTING BROADCASTING- SATELLITE 5.208B 5.341 5.342 5.345	BROADCASTING- SATELLITE 5.208B 5.341 5.345 NF12		satelliteserviceandperforméappropriateregulatoryand technicalstudies, with a view ofensuringthecompatibility of IMT andBSS(sound)BSS(sound)undertakenwithinITU-RRes.223(Rev.WRC-15)Refer to:RadioFrequencyMigrationPlanGovernmentGazetteNumber36334Number36334
1518 – 1525	FIXED	Band is currently not	no. 352 of 2013)
1010 - 1020	MOBILE-SATELLITE (space-to-earth)	occupied; potential application for LMR repeaters	Refer to: 1) Radio Frequency Spectrum Assignment Plan Government Gazette 41164 (Notice 784 of 2017) 2) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
1525 – 1530 & 1530 – 1535 & 1535-1559	(1525 – 1530 MHz) SPACE OPERATION (space-to-earth)	Potential application for LMR repeaters (New ICASA proposal)	Feasibility studies to be performed. Migrate in fixed links for LMR repeaters, band could

No. 41854 **397** 

Page 91/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	FIXED MOBILE-SATELLITE (space-to-earth) Earth exploration satellite Mobile except aeronautical mobile (Mobile satellite services)		also be used for outside-broadcasting links currently operating in 2300 – 2450 MHz (New ICASA proposal) (refer to 4.10.22). Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
	<ul> <li>(1530 – 1535 MHz)</li> <li>SPACE OPERATION</li> <li>(space-to-earth)</li> <li>MOBILE-SATELLITE</li> <li>(space-to-earth)</li> <li>Earth exploration</li> <li>satellite</li> <li>Mobile except</li> <li>aeronautical mobile</li> <li>Fixed</li> <li>(Mobile satellite</li> <li>services)</li> </ul>	Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)	No migration planned (refer to 4.10.22)
	(1535 – 1559 MHz) MOBILE-SATELLITE (space-to-earth)	Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)	No migration planned (refer to 4.10.22)
1668.1 - 1668.4 & 1668.4 - 1670 & 1670 - 1675	(1668.1 – 1668.4 MHz) MOBILE SATELLITE (earth-to-space)	(refer to 4.10.23)	Feasibility studies to be performed. Propose to align allocation with ITU Region 1 (New ICASA

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 92/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	RADIO ASTRONOMY SPACE RESEARCH (passive)		proposal) (refer to 4.10.23)
	(1668.4 – 1670 MHz) METEOROLOGICAL AIDS MOBILE SATELLITE (earth-to-space) RADIO ASTRONOMY	(refer to 4.10.23)	Feasibility studies to be performed. Propose to align allocation with ITU Region 1 (New ICASA proposal) (refer to 4.10.23)
	(1670 – 1675 MHz) METEOROLOGICAL AIDS MOBILE MOBILE SATELLITE (earth-to-space)	(refer to 4.10.23)	Feasibility studies to be performed. Propose to align allocation with ITU Region 1 (New ICASA proposal) (refer to 4.10.23)
1710 – 1785 paired with 1805- 1880	FIXED MOBILE (GSM1800 band)		Feasibility studies to be performed. Spectrum re-farming when deemed required may be carried out based upon defined process (refer to 4.12)
1880 – 1900 (NRFP 2013)	FIXED MOBILE (Cordless DECT phone)	FWA (SADC FAP proposed common sub-allocation/ utilization)	Feasibility studies to be performed. Currently under use by Telkom in a WLL configuration. Can be allocated for FWA (refer to 4.10.24)
1920 – 1980 paired with 2110 –	FIXED		Feasibility studies to be performed. Spectrum

No. 41854 **399** 

Page 93/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
2170 (NRFP 2013)	MOBILE (Current 3G band)		re-farming when deemed required may be carried out based upon defined process (refer to 4.12)
1970 - 2200 (1980 – 2010 paired with 2170- 2200 NRFP 2013)	FIXED MOBILE-SATELLITE (Earth-to-space) (Fixed Links (DF), IMT (Satellite))	Fixed Links (DF), BFWA (New ICASA Proposal)	Feasibility studies to be performed. Migrate in Fixed links (DF) from other bands; consider for BFWA (New ICASA proposal) (refer to 4.10.25)
2200 - 2290 (2025 – 2110 paired with 2200 – 2285 NRFP 2013)	SPACE OPERATION (space to Earth) (space to space) FIXED MOBILE (Fixed links)	Fixed Links (DF) BFWA	Refer to: 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette 41164 (Notice 782 of 2017)
1970 - 2200 (2110 – 2170 NRFP 2013)	FIXED MOBILE (Current 3G band)		Feasibility studies to be performed. Spectrum re-farming when deemed required may be carried out based upon defined process (refer to 4.12)
2290 – 2300	FIXED MOBILE except aeronautical mobile	BFWA (as per SADC FAP proposed common sub-allocation/	Refer to: Radio Frequency Migration Plan

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 94/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	SPACE RESEARCH (deep space) (space to Earth)	utilization)	Government Gazette Number 36334 (Notice no. 352 of 2013) Radio Frequency Spectrum Assignment Plan Government Gazette 41164 (Notice 783 of 2017)
2300 – 2450	FIXED MOBILE Amateur (Fixed links (2307 – 2387 MHz) paired with (2401 – 2481 MHz) Several outside broadcasting links ISM band (2400 – 2483.5 MHz))	IMT (Terrestrial) 2300 – 2400 MHz as per SADC FAP proposed common sub-allocation/ utilization	Refer to: 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 276 of 2015), IMT 2300
2500 – 2520 & 2520 – 2655 & 2655 – 2670 & 2670 - 2690	2500-2520 MHz MOBILE except aeronautical mobile 2520-2655 MHz MOBILE except aeronautical mobile Radio astronomy 2655-2690 MHz MOBILE except aeronautical mobile	BFWA Mobile IMT	Refer to: 1) Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013) 2) Radio Frequency Spectrum Assignment Plan Government Gazette Number 38640 (Notice No. 277 of 2015), IMT 2600

No. 41854 **401** 

Page 95/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	Radio astronomy		
3 300-3 400 MHz	3 300-3 400 MHz RADIOLOCATION	Government Services IMT Res. 223 (Rev.WRC-15)	Feasibility Study to be undertaken considering the outcome of the sharing and compatibility studies called for by Resolution 223 (WRC-15) currently underway within the ITU-R, There might be
5.1495.4295.429A5.429B5.430	5.149 5.429A 5.429B		a need to migrate Radars out of this band. This will be addressed through an update of the migration plan.
3400 – 3600	FIXED MOBILE	BFWA Mobile IMT	<ul> <li>Refer to:</li> <li>1) Radio Frequency Migration Plan</li> <li>Government Gazette</li> <li>Number 36334 (Notice</li> <li>no. 352 of 2013)</li> <li>2) Radio Frequency</li> <li>Spectrum Assignment</li> <li>Plan Government</li> <li>Gazette Number 38640</li> <li>(Notice No. 278 of 2015), IMT 3500</li> </ul>
3600 – 4200	FIXED FIXED-SATELLITE (space-to-Earth) (Satellite (VSAT,	(3600-4200 MHz) Fixed services (PTP) (3600-4200 MHz) Fixed-satellite (space- to-Earth)	Feasibility study to be performed. Migrate VSAT to Ku band, and use 3600 – 3800 for BFWA as per SADC

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 96/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	downlink), Terrestrial backhaul)	(PTP/VSAT/SNG) (3600-3800 MHz) Broadband Fixed Wireless Access (BFWA) as per SADC FAP proposed common sub- allocation/ utilization	FAP proposed common sub-allocation/ utilization (refer to 4.10.31)
5150 – 5250 & 5259 – 5255 & 5255 - 5350	(5150 – 5250 MHz) AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE- SERVICE (Earth-to- space) MOBILE except aeronautical mobile (Wireless Access (short range))	Wireless Access Systems / RLAN As per SADC FAP proposed common sub- allocation/ utilization	Feasibility study to beperformed.Licenseexempt;WirelessAccessSystems/RadioLocalAccessNetwork(WAS&RLAN)indooruse only.as perNotice1842011GovernmentGazette34172(previouslyNoticenumber944 of 2008 in
	(5250 – 5255 MHz) SPACE RESEARCH MOBILE except aeronautical mobile		Government Gazette 31321)
	(5255 – 5350 MHz) EARTH EXPLORATION SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except		

No. 41854 **403** 

Page 97/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
	aeronautical mobile		
5470 – 5570 & 5570 – 5650 & 5650 - 5725	(5470 – 5570 MHz) MARITME RADIONAVIGATION MOBILE except aeronautical mobile EARTH EXPLORATION SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION (Maritime radionavigation (radar) and Wireless Access (short range))	Wireless Access Systems / RLAN As per SADC FAP proposed common sub- allocation/ utilization	Feasibility study to be performed. No migration planned; as per as per Notice 184 of 2011 Government Gazette 34172 (previously Notice number 944 of 2008 in Government Gazette 31321) (refer to 4.10.32)
	MARITME RADIONAVIGATION MOBILE except aeronautical mobile RADIOLOCATION (5650 – 5725 MHz) RADIOLOCATION MOBILE except aeronautical mobile Amateur Space Research (deep space)		

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 98/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
5725 – 5830	FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Fixed (ISM, Amateur, SRD)		Feasibility study to be performed. No migration for South Africa; maintain for ISM as per Notice 184 of 2011 Government Gazette 34172 (previously Notice number 926 of 2008 in Government Gazette 31290).
5850 -5925	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE (Upper C-band (VSAT, Satellite PTP links), ISM (5725 – 5875 MHz))	(5850-6425 MHz) Fixed-satellite uplinks (PTP/VSAT/SNG)/ temporary Outside broadcast links (5850-5925 MHz) FIXED links (5725-5875 MHz) ISM as per SADC FAP proposed common sub- allocation/ utilization	Feasibility study to be performed. (refer to 4.10.34)
5925 – 6700	FIXED FIXED-SATELLITE (Earth-to-space) (Fixed links/ VSAT, FSS, SNG feeder links)	5925 – 6425 MHz Fixed links 6425 – 7110 MHz Fixed links as per SADC FAP proposed common sub- allocation/ utilization	Feasibility study to be performed. (refer to 4.10.35)
10700 - 10950 & 10950 - 11200 &	FIXED FIXED-SATELLITE	as-is	Feasibility study to be performed.

No. 41854 **405** 

Page 99/198

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
11200 – 11450 & 11450 - 11700	(space-to-earth)/(earth- to-space) MOBILE except aeronautical mobile (Ku-band satellite)		Migrate VSAT links into this band as per SADC FAP proposed common sub- allocation/ utilization Other allocation remains as-is (refer to 4.10.36)
12290, 16420		Reserved for safety related calling as per WRC-03 Res. 352	No Migration
15400 – 15430 & 15430 – 15630 & 15630 - 15700	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	Radio location service as per WRC-07 Res. 614	No Migration
40000 – above		Allocate for high capacity PTP links	Feasibility studies to be performed. (refer to 4.10.37) Refer to: Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 100/198

Interesting parties are welcome to recommend additional frequency band especially resolutions from WRC - 15 which need to be added to this Draft Frequency Migration Plan as included in section 5.2 of this document.

No. 41854 407

Page 101/198

# Appendix A Glossary

Act	means the Electronic Communications Act, 2005 (Act No. 36 of 2005);
Authority	means ICASA is the Independent Communications Authority of South
	Africa;
3G	means 3G or 3rd generation mobile telecommunications is a
	generation of standards for mobile phones and mobile
	telecommunication services fulfilling the International Mobile
	Telecommunications-2000 (IMT-2000) specifications by the ITU
Amateur	means a person who is interested in the radio technique solely for a
	private reason and not for financial gain and to whom the Authority
	has granted an amateur radio station licence and shall mean a natural
	person and shall not include a juristic person or an association:
	provided that an amateur radio station licence may be issued to a
	licensed radio amateur acting on behalf of a duly founded amateur
	radio association;
Assignment	means the authorization given by the authority to use a radio
	frequency or radio frequency channel under specified conditions;
Base station	means a land radio station in the land mobile service for a service
	with land mobile stations;
BS	means Broadcast Service
BTX	means Base Transceiver;
Burglar alarm	means a land mobile service installed, maintained and operated to
service	monitor burglar alarm signals of clients by means of a signal
	forwarded from a radio transmitter to a central position;
Burglar alarm	means a transmission radio station in the land mobile service that is
transmitter	intended to transmit automatic alarm signals to a central position;
CDMA	means Code Division Multiplex Access
CEPT	means Conference of European Posts and Telecommunications
	Authorities;
Citizen-band	means a private, two-way, limited coverage speech communication
radio service	service in the land mobile service to personal and business
	operations, which may also be used as a paging system;
Communal radio	means a land mobile service installed, maintained and operated via

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 102/198

repeater station	repeater stations that are available for communal use;
service	
Cordless Phone	means a portable telephone with a wireless handset that
	communicates via radio waves with a base station connected to a
	fixed telephone line, within a limited range of its base station;
DAB	means Digital Audio Broadcasting is a digital radio technology for
	broadcasting radio stations
DECT	means Digital Enhanced Cordless Telecommunications is a digital
	communication standard, which is primarily used for creating cordless
	phone systems
DECT-	means Digitally Enhanced Cordless Telephone 1880 - 1900MHz;
DF	means Dual Frequency
DTT	means Digital Terrestrial Television
DTT Mobile	means Digital Terrestrial Television for Mobile services
e.i.r.p	means effective isotopically radiated power;
e.r.p	means effective radiated power, is the product of the power supplied
	to an antenna and its gain relative to a half wave dipole in a given
	direction;
EBU	means European Broadcasting Union
ECA	means Electronic Communications ACT of South Africa
ECNS	means Electronic Communications Network Services;
ECS	means Electronic Communications Services;
EDGE	means Enhanced Data rates for GSM Evolution is a digital mobile
	phone technology that allows improved data transmission rates as a
	backward-compatible extension of GSM
EMC	means Electromagnetic Compatibility;
ETSI	means European Telecommunications Standards Institute
FDMA	means Frequency Division Multiple Access
FLEX	means paging software originally developed for Motorola;
FMP	means Frequency Migration Plan
FPLMTS	means Future Public Land Mobile Telecommunications System also
	called IMT-2000
FTBFP 2008	means Final Terrestrial Broadcast Frequency Plan of 2008
FWBA	Fixed Wireless Broadband Access
GHz	means Gigahertz of Radio Frequency Spectrum;
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No. 41854 409

Page 103/198

GE06	means Digital Broadcast Conference held in Geneva, Switzerland in
	2006.
GMDSS	means the Global Maritime Distress and Safety System is an
	internationally agreed-upon set of safety procedures, types of
	equipment, and communication protocols used to increase safety and
	make it easier to rescue distressed ships, boats and aircraft.
GSM	means Global System for Mobile Communications,( originally Groupe
	Spécial Mobile), is a standard set developed by the European
	Telecommunications Standards Institute (ETSI) to describe
	technologies for second generation (2G) digital cellular networks
GSM-R	means GSM for Railways
HF	means High Frequency;
ІМТ	International Mobile Telecommunications
ІМТ	means International Mobile Telecommunications
Inductive Loop	means radio apparatus which operates by producing a controlled
Systems	magnetic field within which a predetermined recognisable signal is
	formed;
INMARSAT	means International Maritime Satellite
ISM	means Industrial, Scientific and Medical;
ITU	means International Telecommunications Union
ITU RR	means International Telecommunications Union Radio Regulations
KHz	means Kilohertz of Radio Frequency Spectrum;
Land mobile	means a mobile radio-communication service between fixed stations
service	and mobile land stations, or between land mobile stations;
LEO	means Low Earth Orbit satellites
LMR	means Land Mobile Radio
Low Power	means radio apparatus, normally hand-held radios used for short
Radio	range two-way voice communications;
LTE	means Long Term Evolution is a standard for wireless communication
	of high-speed data for mobile phones and data terminals. It is based
	on the GSM/EDGE and UMTS/HSPA network technologies
M2M	means Machine to Machine
MFN	means Multiple Frequency Networks
MHz	means Megahertz of Radio Frequency Spectrum;
ΜΙΜΟ	means Multiple-Input and Multiple-Output is the use of multiple

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 104/198

	antennas at both the transmitter and receiver to improve
	communication performance
Mobile station	means a radio station that is intended to be operated while it is in
	motion or while it is stationary at an unspecified place;
Model Control	means radio apparatus used to control the movement of the model in
apparatus	the air, on land or over or under the water surface;
МТХ	means Mobile Transceiver;
Non-specific	means radio apparatus used for general telemetry, telecommand,
Short Range	alarms and data applications with a present duty cycle (0.1%: S duty
Devices	cycle< 100%);
NRFP	means the National Radio Frequency Plan 2010 for South Africa
PAMR	means Public Access Mobile Radio
PMR	means Private Mobile Radio or Professional Mobile Radio
PMR	means Public Mobile Radio is radio apparatus used for short range
	two-way voice communications;
PPDR	
РТМ	means Point to Multipoint
PTP	means Point to Point
Radio trunking	means a technique by means of which free channels out of a group of
	radio frequency channels allocated to a base station are automatically
	made available for the establishment of a connection between the
	stations of a user;
Radio-beacon	means a radio station whose radiation is intended to enable a mobile
station	station to fix its position or obtain its bearing with regard to the radio
	beacon;
Radio-	means all electronic communication by means of radio waves;
communication	
Relay or	means a land station in the land mobile service;
repeater station	
RFID	means Radio Frequency identification is a wireless system that uses
	radio frequency communication to automatically identify, track and
	manage objects, people or animals. It consist of two main
	components viz, tag and a reader which are tuned to the same
	frequency;
RLAN	means Radio Local Access Network is the high data rate two way
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No. 41854 **411** 

Page 105/198

	(duplex) wireless data communications network;
SABRE	means South African Band Re-planning Exercise
SADC	means Southern African Development Community
SADC FAP	means Southern African Development Community Frequency
	Allocation Plan 2010
SAPS	means South African Police Service
SATFA	means South African Table of Frequency Allocations 2004
Self Helps	means repeater stations rebroadcasting television channels to limited
	areas on a low power basis
Service licence	means a BS, ECS or ECNS licence;
SF	means Single Frequency
SFN	means Single Frequency Network
Ship station	means a mobile station in the maritime mobile service that has been
	erected
SNG	means Satellite News Gathering
Spread	means a form of wireless communications in which the frequency of
spectrum	the transmitted signal is deliberately varied, resulting in a much
	greater bandwidth than the signal would have if its frequency were not
	varied;
SRD	means Short Range Device is a piece of apparatus which includes a
	transmitter, and/or a receiver and or parts thereof, used in alarm,
	telecommand telemetry applications, etc., operating with analogue
	speech/music or data (analogue and/or digital) or with combined
	analogue speech/music and data, using any modulation type intended
	to operate over short distances;
Studio Links	means point to point links in the broadcasting frequency bands used
	to connect studios to transmitters
STB	means Set Top Box for DVB-T2 reception
T-DAB	means Terrestrial Digital Audio Broadcasting
TDMA	means Time Division Multiple Access
Telemetry	means the transmission of remotely measured data;
TETRA	means Terrestrial Trunked Radio is a professional mobile radio [2]
	and two-way transceiver specification. TETRA was specifically
	designed for use by government agencies, emergency services,
	(police forces, fire departments, ambulance) for public safety

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 106/198

	networks, rail transportation staff for train radios, transport services
	and the military. TETRA is an ETSI standard.
ТРС	means Transmitter Power Control is a technical mechanism used
	within some networking devices in order to prevent unwanted
	interference between wireless networks;
UHF	means Ultra High Frequency;
UMTS	means Universal Mobile Telecommunications System is a third
	generation mobile cellular technology for networks based on the GSM
	standard
VHF	means Very High Frequency;
Video	means radio apparatus used for security camera purposes to replace
Surveillance	the cable between a camera and a monitor;
Equipment	
VSAT	means Very Small Aperture Terminal is a two-way satellite ground
	station that is smaller than 3 meters' diameter
WAS	means Wireless Access Systems is end-user radio connections to
	public or private core networks;
Wideband	means radio apparatus that uses spread spectrum techniques and
Wireless	has high bit rate;
Systems	
WRC 2007	means World Radio Conference 2007 held in Geneva
WRC 2012	means World Radio Conference 2012 held in Geneva

No. 41854 413

Page 107/198

# Appendix B ECA – Article 34

Radio frequency plan

34.

(1) The Minister, in the exercise of his or her functions, represents the Republic in international fora, including the ITU, in respect of—

(a) the international allotment of radio frequency spectrum; and

(b) the international coordination of radio frequency spectrum usage, in accordance with international treaties, multinational and bilateral agreements entered into by the Republic.

(2) The Minister must approve the national radio frequency plan developed by the Authority, which must set out the specific frequency bands designated for use by particular types of services, taking into account the radio frequency spectrum bands allocated to the security services.

(3) The Authority must assign radio frequencies consistent with the national radio frequency plan for the use of radio frequency spectrum by licence holders and other services that may be provided pursuant to a licence exemption.

(4) The Authority must, within 12 months of the coming into force of this Act, prepare the national radio frequency plan or make appropriate modification to any existing radio frequency plan to bring it into conformity with this Act.

(5) The national radio frequency plan must be updated and amended when necessary in order to keep the plan current. When updating and amending this plan due regard must be given to the current and future usage of the radio frequency spectrum.

(6) The national radio frequency plan must—

(a) designate the radio frequency bands to be used for particular types of services;

(b) ensure that the radio frequency spectrum is utilised and managed in an orderly, efficient and effective manner;

(c) aim at reducing congestion in the use of the radio frequency spectrum;

(d) aim at protecting radio frequency spectrum licensees from harmful interference;

Page 108/198

(e) provide for flexibility and the rapid and efficient introduction of new technologies;

(f) aim at providing opportunities for the introduction of the widest range of services and the maximum number of users thereof as is practically feasible.

(7) In preparing the national radio frequency plan as contemplated in subsection (4), the Authority must—

(a) take into account the ITU's international spectrum allotments for radio frequency spectrum use, in so far as ITU allocations have been adopted or agreed upon by the Republic, and give due regard to the reports of experts in the field of spectrum or radio frequency planning and to internationally accepted methods for preparing such plans;

(b) take into account existing uses of the radio frequency spectrum and any radio frequency band plans in existence or in the course of preparation; and

(c) consult with the Minister to—

*(i) incorporate the radio frequency spectrum allocated by the Minister for the exclusive use of the security services into the national radio frequency plan;* 

(ii) take account of the government's current and planned uses of the radio frequency spectrum, including but not limited to, civil aviation, aeronautical services and scientific research; and

(iii) co-ordinate a plan for migration of existing users, as applicable, to make available radio frequency spectrum to satisfy the requirements of subsection (2) and the objects of this Act and of the related legislation.

(8) The Authority must give notice of its intention to prepare a national radio frequency plan in the Gazette and in such notice invite interested parties to submit their written representations to the Authority within such period as may be specified in such notice.

(9) The Authority may, after the period referred to in subsection (8) has passed, hold a hearing in respect of the proposed national radio frequency plan.

(10) After the hearing, if any, and after due consideration of any written representations received in response to the notice mentioned in subsection (8) or tendered at the hearing, the Authority must forward the national radio frequency plan to the Minister for approval.

No. 41854 415

Page 109/198

(11) The Minister must, within 30 days of receipt of the national radio frequency plan, either approve the plan, at which time the plan must become effective, or notify the Authority that further consultation is required.

(12) Upon approval of the national radio frequency plan by the Minister, the Authority must publish the plan in the Gazette.

(13) Any radio frequency plan approved in terms of this section and all the comments, representations and other documents received in response to the notice contemplated in subsection (8) or tendered at the hearing must be—

(a) kept at the offices of the Authority; and

(b) open for public inspection by interested persons during the normal office hours of the Authority.

(14) The Authority must, at the request of any person and on payment of such fee as may be prescribed, furnish him or her with a copy of the radio frequency plan.

(15) The provisions of subsections (6) to (14) apply, with the necessary changes, in relation to any amendment made by the Authority to the radio frequency plan.

(16) The Authority may, where the national radio frequency plan identifies radio frequency spectrum that is occupied and requires the migration of the users of such radio frequency spectrum to other radio frequency bands, migrate the users to such other radio frequency bands in accordance with the national radio frequency plan, except where such migration involves governmental entities or organisations, in which case the Authority—

(a) must refer the matter to the Minister; and

(b) may migrate the users after consultation with the Minister

Page 110/198

### Appendix C SABRE 2 – 2001

SABRE  $2^{21}$  was a programme to re-plan the radio frequency spectrum from 3GHz to 70 MHz, partly driven by the need to in-migrate fixed-links from below 3Gz.

SABRE 2 made the following comment on migration issues above 3 GHz.

Above 3 GHz the cost of backbone infrastructure equipment is borne by one or a few organisations. Band reallocation and spectrum use migration activities have to carefully consider industry's return on investment over pre-planned equipment life cycles. Ideally any additionally identified SABRE 2 band migrations will be voluntary and will occur within the constraints of the infrastructure life cycle.

.....A number of bands were identified during the SABRE 2 project that requires consideration due to anticipated future congestion and reallocation. Three types of migration are recommended; band, equipment, and channels. These migrations are viewed as voluntary because they are expected to occur as part of the natural system life cycle.

Band	Migration Objective	Target Date
3600-4200 MHz	Analogue to digital terrestrial systems	31 December 2005
5925-6425 MHz	Analogue to digital systems	31 December 2005
6425-7110 MHz		
7110-7425 MHz	Analogue to digital systems	31 December 2005
7425-7750 MHz		
7110-7425 MHz	Digital systems to channel plan	Not specified
7425 - 7750 MHz		
10.7- 11.7 GHz	Analogue to digital systems	31 December 2005
21.4 22 GHz	FS reverts to secondary service 22-22.6 GHz	1 April 2007
	// 23.0 23.6 GHz,	
	26 GHz and 38 GHz bands also available	

<sup>&</sup>lt;sup>21</sup> Radio frequency spectrum band plan covering the range 3 GHz to 70 GHz – (SABRE-2) Notice 1920 of 2001

No. 41854 417

Page 111/198

Operators are expected to identify all migration links, plan their migration, and coordinate their schedule with ICASA. at least three years before the deadline. The 2 1.4 - 22.0 GHz band will revert from Fixed, Mobile and Broadcasting Satellite Services to the Broadcast Satellite Service application in the year 2007. Currently, there is a limited set of licences in the band according to ICASA records. Operators intending to maintain FS links in the 21.4-22 GHz band will be accommodated with no protection after 1 April 2007. Another migration issue is the "opening of the 38 GHz band." Prior to making assignments in this portion of the spectrum, it is recommended that a migration of 20-24 GHz FS assignments be established. The primary criteria for migration would be link distance associated with specific frequency assignments, once the band is released to the public.

Page 112/198

### Appendix D SATFA – 2004

The South African Table of Frequency Allocations 2004<sup>22</sup> consolidated SABRE 1 and SABRE 2 in one plan covering the range 20MHz to 70 GHz.

Regarding migration, the following points were made:

The migration process has had its successes and failures. Some migration time-frames have been revised whilst others are maintained at their original deadlines. One can mention that the 2008 deadline for current public trunking operators has been reviewed at the request of the public trunking operators. The use of the band 406.1 - 407.625 // 416.1 - 417.625 MHz by the national electricity utility has been re-instated.

The changes implemented in SATFA 2004 were listed as:

- The Radio Frequency Identification systems (RFID) allocation in the 900 MHz band
- Pre-programmed low power PMR446 two way radios.
- Allocation of Broadband FWA in the 2.6GHz band,
- Public Protection and Disaster relief (PPDR) bands which includes 380 -385//390-395MHz.
- Full allocation of 2x10MHz E-GSM spectrum. Previously the E-GSM allocation was 2 x 400 kHz short because of an allocation to a now defunct two-way paging service.
- Allocation of the 5GHz band to "mobile" so as to enable wireless LAN "Hotspots".
- Allocation of the band 14-14.5 GHz to aeronautical mobile to enable broadband internet access by aircraft passengers.
- At the WRC03 the South African delegation added the country name to an ITU Radio Regulation footnote which seeks to protect future radio astronomy activities in the 14GHz band.

<sup>&</sup>lt;sup>22</sup> The South African Table of Frequency Allocations (SATFA) – Notice 1442 of 2004.

No. 41854 419

Page 113/198

# Appendix E National Radio Frequency Plan – 2010 and 2013

The National Radio Frequency Plan  $2010^{23}$  updated SATFA  $2004^{24}$  and extended the frequency range covered (now 9 kHz –  $3000 \text{ GHz}^{25}$ ). Its stated aim was to incorporate the decisions taken by WRC and include updates on the Table of Frequency Allocations extending up to 3000GHz. In 2013, the National Radio Frequency Plan  $2013^{26}$  was updated.

The fundamental objectives informing the National Radio Frequency Plan were to:

- To effect.... policy directives published in Government Gazette No. 30308 of 17 September 2007 which states that the Authority should take into account the results of WRC 2007 when revising the national radio frequency plan
- To update the table with changes made by WRC 97, WRC 2000, WRC03, and WRC07
- To allocate spectrum that was previously not allocated by extending the range to cover
   9 kHz to 3000 GHz in line with the Act and ITU-R
- To make spectrum available for new radio interfaces such as WIMAX, which were included as the newest member of the IMT family of standards
- To facilitate future identification of spectrum for very low power fixed links in the spectrum below 1 GHz in order to promote small medium and micro enterprises in the communications industry.

<sup>&</sup>lt;sup>23</sup> The National Radio Frequency Plan – Notice 727 of 2010.

<sup>&</sup>lt;sup>24</sup> The main reason for the name change is that the term National Radio Frequency Plan is used in the ECA.

<sup>&</sup>lt;sup>25</sup> Although 1000 – 3000 GHz is not allocated.

<sup>&</sup>lt;sup>26</sup> National Radio Frequency Plan 2013, Government Gazette 36336 (354 of 2013)

Page 114/198

- To facilitate developments of the frequency migration strategies and to facilitate migration of high capacity fixed links to higher frequency bands
- To facilitate the development of a framework for usage of ISM frequency bands to support rural development objectives
- To promote access to lower frequency bands for broadband wireless access to support rural development
- To promote access to frequency bands below 1 GHz such as the 790 862 MHz band which offers both coverage and capacity to help bridge the "digital gap" between sparsely-populated and densely-populated areas and to increase universal service and access in the country.

The following changes were implemented:

- Identification and allocation of spectrum for IMT spectrum has been allocated in line with WRC 07 in the bands 790 862 MHz, 2300 2400 MHz, 2500 2690 MHz, 3400 3600 MHz, 1518 -1525 MHz and 1668-1675 MHz. Where there are existing services that need to be protected such provision has been made.
- Allocation of spectrum for amateur radio spectrum has been allocated in line with WRC 07 and previous WRCs in the bands 135.7 - 137.8 kHz, 2300 - 2450 on secondary basis.
- Addition of a proposal to change DTH from secondary to primary status in the 10.7-11.7 GHz
- National footnote NF 49 of SATFA 2004 has been replaced by national footnote NF 2 addressing the Astronomy Geographic Advantage Act, 2007 (Act No. 21 of 2007)
- Updated ISM frequency bands in line with Government Gazette Number 31321 Notice No. 944 of 08 August 2008
- Updated the 5725 5850 MHz band in line with Government Gazette Number 31290 Notice No.926 of 29 July 2008.
- Added allocations for inductive loop and RFiD in line with Government Gazette Number 31290 Notice No. 926 of 29 July 2008
- Added new maritime, aeronautical allocations below 20 MHz and new satellite allocations above 70 GHz

The Plan did not specify any migration activities, although the plan includes the WRC mandated allocation of the 800 MHz to IMT (digital dividend 2).

No. 41854 421

Page 115/198

# Appendix F National Radio Frequency Plan – 2018

*This National Radio Frequency Plan* 2018 (*NRFP-18*) *has been prepared under Section 34 of the Act.* 

The NRFP-17allocates the Radio Frequency Spectrum to Radio Services in the Frequency Bands between 8.3 kHz and 3000 GHz. All frequency assignments must be in accordance national radio frequency plan.

This revised NRFP-18 incorporates the decisions taken by 2015 World Radiocommunication Conferences (WRC-15). The revision reflects the 2016 version of the ITU Radio Regulations, including the frequency allocations relevant to Region 1 and its associated footnotes. It also includes updates on the Table of Frequency Allocations extending up to 3000 GHz and South African National Footnotes. The revised NRFP-17 further reflects agreements taken at regional level including that of the African Telecommunication Union (ATU) and the Southern African Development Community (SADC)<sup>27</sup> Frequency Allocation Plan (FAP)<sup>28</sup>. These aforementioned agreements do not supersede any regulations developed by the Authority.

The Authority consulted with the government Department that is responsible for approving the frequency band plan as prescribed in the Electronic Communications Act, to incorporate the radio frequency spectrum allocated by the Minister for use by security services taking into account the Government's current and planned use of radio frequency spectrum, including but not limited to, civil aviation, and aeronautical services and scientific research. This updated version of the NRFP-17 incorporates the outcome of the public consultation as mandated by the EC Act.

A document containing relevant ITU - R Resolutions and Recommendations referred in this document can be found on the Authority's website.

The pattern of radio use is not static as it is continuously evolving to reflect the many changes that are taking place in the radio environment; particularly in the field of technology. Spectrum allocations must reflect these changes and the position set out in this plan is therefore subject to regular reviews.

<sup>27</sup> http://www.crasa.org/crasa-publication/cat/18/regulatory-guidelines/

<sup>&</sup>lt;sup>28</sup> <u>http://www.crasa.org/common\_up/crasa-setup/10-11-2016\_SADC%20FREQUENCY%20ALLOCATION%20PLAN%202016.pdf</u>

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 116/198

In view of the above, it is the intention of the Authority to update the NRFP when necessary in order to keep the plan current with due regard given to the current and future usage of the radio frequency spectrum.

### The following updates and amendments amongst others have been implemented in NRFP -17:

- National footnotes have been revised.
- The resolutions and decisions taken by World Radiocommunication Conferences preceding WRC-15.
- The resolutions and decisions taken by the WRC-15, as ratified by the South Africa (Republic of), have been reflected.
- The Astronomy Geographic Advantage Act, 2007 (Act No. 21 of 2007) covered in a separate chapter in view of the award of the Square Kilometre Array (SKA) to South Africa. The commencement of the Astronomy Geographic Advantage Act, 2007 (Act No. 21 of 2007) In terms of section 53 of the Astronomy Geographic Advantage Act. 2007 (Act No. 21 of 2007), the 24 April 2009 has been determined as the date on which the said Act comes into operation.
- The Regulations apply to the Karoo Central Astronomy Advantage Areas declared for the purpose of radio astronomy and related scientific endeavours in terms of sections 9(1) and 9(2) of the Act.
- Incorporated references to the SADC Frequency Allocation Plan (FAP) and SADC Harmonised Guidelines

No. 41854 423

Page 117/198

### Appendix G: Summary of the Impact of the Proposed Frequency Migrations from 2013 included in this document

Page 118/198

### **1** Technical Investigation

The table below and subsequent sections include additional information on some frequency bands which were included in the study.

Item	RFSAP	GG. No.	Notice
<u>1</u> 2	75.2 to 87.5 MHz	41164	781 of 2017 785 of 2017
3	138 to 143.6 MHz 150.5 to 153 MHz	41164 41164	786 of 2017
4	156.4785 to 156.5625 MHz	41350	971 of 2017
5	380 to 400 MHz	41164	787 of 2017
6	403 to 406 MHz	RFSAP to be developed	
7	406 to 426 MHz	RFSAP to be developed (Destination band for Transnet)	
8	410 to 413 MHz paired with 420 to 423 MHz	RFSAP to be developed (Destination band for Transnet)	
9	426 to 430	RFSAP to be developed	
10	440 to 441 MHz	41164	788 of 2017
11	440 to 450 MHz	RFSAP to be developed	
12	450 to 470 MHz		
13	452.5 - 457.5 paired with 462.5 - 467.5	Band 31 identified for trial by Transnet	
14	694 to 876 MHz		
15	876 to 880 MHz		
16	921 to 925 MHz		
17	880 to 960 MHz		
18	880 to 915 MHz		
19	IMT850	41082	648 of 2017
20	925 to 960 MHz		
21	942 to 960 MHz	RFSAP to be developed	

No. 41854 **425** 

Page 119/198

22	1350 to 1375 MHz paired with 1492 to 1517 MHz and 1375 to 1400 MHz paired 1427 to 1452 MHz	Feasibility studies to done after WRC 15. This band is currently allocated to low capacity PTP/DF links	
23	1452 to 1492 MHz	Feasibility study to be done. Align the status of the channel arrangements in ITU-R.M1036 within Working party 5D	
24	1518 to 1525 MHz	41164	784 of 2017
25	1700 to 2290 MHz		
26	2025 to 2110 MHz	41164	782 of 2017
27	2290 to 2300 MHz	RFSAP to be developed	
28	2285 to 2300 MHz	41164	783 of 2017
29	2300 to 2400 MHz		
30	2300 to 2450 MHz	Feasibility study to be considered and RFSAP to be developed	
31	2500 to 2690 MHz		
32	3300 to 3400 MHz	Feasibility study to be done. Align the status of the channel arrangements in ITU-R.M1036 within Working party 5D	
33	3400 to 3600 MHz	38640	278

Page 120/198

# 1.1 Applicable Frequency Allocation and Band information 69.25 MHz to 87.5 MHz

Frequency Band under investigation 69.25 MHz to 87.5 MHz MOBILE except aeronautical mobile

Frequency Sub bands

Allocate following pairings

Mobile 1 MTX 76.175 – 76.925 MHz paired with BTX 69.25 to 70 MHz Mobile 2 MTX 75.2 – 76.175 MHz paired with BTX 70 to 70.975 MHz Mobile 3 MTX 76.925 – 77.975 MHz paired with BTX 71.475 to 72.525 MHz Mobile 4 MTX 78.625 – 80 MHz paired with BTX 73.425 to 74.8 MHz Mobile 5 MTX 82.975 – 83.625 MHz paired with BTX 77.975 to 78.625 MHz Mobile 6 MTX 87 – 87.5 MHz paired with BTX 80 to 80.5 MHz Mobile 7 MTX 86.375 – 87 MHz paired with BTX 81 to 81.625 MHz Mobile 8 MTX 85.025 – 86.375 MHz paired with BTX 81.625 to 82.975 MHz

Single Frequency Mobile Allocations 80.5 to 81 MHz 83.625 – 85.025 MHz

No. 41854 427

Page 121/198

CHANNEL PLAN FOR 70-70.9625/75.2-76.1625MHz 2003 (12.5kHz)           CHANNEL No.         BIX         MIX         REMARKS         S/GRADE           1         70         75.2         75.2125         1				X FREQUENCIES	
1         70         75         20           2         70,020         76,2126         10           4         70,025         76,2126         10           6         70,025         75,226         10           6         70,025         75,226         10           7         70,025         75,226         10           9         7         70,025         75,2325           11         70,125         75,325           12         70,373         75,325           13         70,175         75,325           16         70,175         75,325           17         70,022         75,425           18         70,123         75,325           19         70,22         75,425           20         70,2376         75,4375           21         70,325         75,6425           22         70,325         75,6425           24         70,326         75,6425           25         70,326         75,675           30         70,326         75,675           31         70,326         75,675           32         70,326         75,757	CHANNEL	_ PLAN FO	R 70-70.96	25/75.2-76.1625MHz 20	<u>03 (12.5kHz)</u>
2         70.0125         75.2125           3         70.025         75.225           4         70.0375         75.2375           5         70.0075         75.2375           9         70.1         75.325           9         70.1         75.3275           9         70.1         75.3275           9         70.1         75.3275           10         70.125         75.3275           11         70.1376         75.3376           13         70.16         75.3376           14         70.125         75.4275           15         70.176         75.3376           16         70.226         75.426           17         70.226         75.4376           18         70.2276         75.4376           20         70.3276         75.4376           21         70.226         75.4376           22         70.375         75.4375           24         70.325         75.5625           33         70.3476         75.6475           24         70.325         75.5625           33         70.4475         75.6475           34					
3         70.026         75.226           4         70.0376         75.2376           5         70.0076         75.26           7         70.0076         75.276           8         70.0175         75.26           9         70.1         75.3           10         70.1125         75.326           11         70.126         75.326           12         70.16         75.326           13         70.176         75.326           14         70.126         75.3426           15         70.176         75.3475           16         70.176         75.4375           17         70.26         75.4426           22         70.2625         75.4425           23         70.3275         75.525           24         70.326         75.525           25         70.3         75.525           26         70.336         75.525           27         70.325         75.525           28         70.3375         75.525           29         70.3375         75.526           30         70.425         75.625           31         70.	1	70	75.2		
4         70.0375         75.2375           6         70.0626         75.2625           6         70.0626         75.2625           7         75.2626         75.2627           9         70.1         75.2625           9         70.1         75.2625           10         75.125         75.3125           11         70.126         75.326           12         70.1626         75.326           14         70.1625         75.325           16         70.1875         75.3375           16         70.1875         75.3375           17         70.226         75.4625           20         70.2275         75.4375           21         70.226         75.4625           22         70.3265         75.5           23         70.2675         75.4675           24         70.3375         75.5625           25         70.3375         75.6375           26         70.3125         75.6375           31         70.375         75.6375           32         70.4375         75.6375           33         70.445         75.625           3					
\$         70.05         75.25           7         70.076         75.276           8         0.0015         75.2605           9         0.0015         75.2605           9         0.01126         75.326           10         70.1125         75.326           11         70.125         75.326           12         70.1375         75.3376           13         70.165         75.366           14         70.175         75.3676           16         70.175         75.345           17         70.2         75.45           18         70.226         75.459           21         70.226         75.459           22         70.262         75.459           23         70.375         75.5375           24         70.326         76.525           25         70.335         75.5375           28         70.335         75.5375           29         70.335         75.6375           30         70.426         75.625           33         70.475         75.6375           34         70.4125         75.6125           35 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
6         70.0625         75.2625           7         70.075         75.275           8         70.0875         75.2675           9         70.175         75.375           11         70.125         75.325           12         70.1375         75.3375           13         70.15         75.325           14         70.125         75.325           15         70.126         75.325           16         70.127         75.343           17         70.125         75.425           18         70.2125         75.425           20         70.2375         75.4475           21         70.2375         75.4475           22         70.375         75.475           24         70.3275         75.4875           25         70.3         75.575           26         70.328         75.562           27         70.328         75.562           33         70.425         75.625           34         70.3875         75.625           35         70.425         75.625           36         70.425         75.625           36					
7       70.075       75.275         9       70.1       75.3         9       70.1       75.3         10       70.126       75.3126         11       70.1376       75.3376         13       70.157       75.325         14       70.1225       75.325         15       70.176       75.3376         16       70.1675       75.3475         17       70.257       75.4375         20       70.2376       75.4375         21       70.225       75.425         23       70.276       75.4375         24       70.3326       75.5125         25       70.3275       75.4375         23       70.276       75.455         24       70.3375       75.552         25       70.3375       75.552         26       70.3375       75.552         27       70.325       75.657         33       70.4       75.675         34       70.426       75.627         35       70.426       75.627         36       70.427       75.627         37       70.426       75.627					
8         70.0876         75.2875           9         70.1         75.3125           10         70.1125         75.325           11         70.1375         75.325           12         70.1375         75.3375           13         70.1625         75.3625           14         70.1625         75.3675           15         70.175         75.425           16         70.175         75.425           17         70.2         75.425           20         70.256         75.425           21         70.267         75.455           22         70.276         75.455           23         70.276         75.457           24         70.2876         75.557           24         70.3276         75.5625           30         70.3425         75.6525           31         70.375         75.657           32         70.4375         75.657           33         70.425         75.6625           34         70.425         75.6625           35         70.425         75.756           44         70.652         75.757           44					
9         70.1         75.3           10         70.125         75.325           11         70.125         75.326           12         70.136         75.325           13         70.175         75.375           14         70.1825         75.3425           15         70.175         75.375           16         70.175         75.3425           17         70.2         75.4           10         77.125         75.4           10         77.025         75.4           21         70.25         75.4           22         70.225         75.425           23         70.275         75.4375           24         70.325         75.425           25         70.325         75.525           26         70.325         75.525           27         70.325         75.625           30         70.3425         75.625           33         70.425         75.625           34         70.425         75.625           35         70.425         75.625           36         70.425         75.76           40         70.4875					
11       70.125       75.325         12       70.1376       75.3376         13       70.1622       75.3626         16       70.175       75.375         17       70.175       75.375         18       70.122       75.425         19       70.223       75.425         20       70.2375       75.4375         21       70.225       75.4425         22       70.225       75.4426         23       70.2275       75.44375         24       70.2276       75.4427         25       70.33       75.5125         27       70.326       75.5125         27       70.327       75.626         33       70.427       75.626         34       70.425       75.625         35       70.4375       75.6125         36       70.4375       75.6125         36       70.4375       75.625         36       70.4375       75.625         37       70.445       76.625         38       70.4375       75.725         44       70.525       75.725         44       70.625       75.725 <td>9</td> <td></td> <td></td> <td></td> <td></td>	9				
12       70.1375       75.3375         13       70.15       75.325         14       70.1625       75.3625         16       70.1875       75.3875         16       70.1875       75.3875         16       70.1875       75.3875         17       70.225       75.426         20       70.2375       75.4375         21       70.225       75.425         23       70.275       75.4375         24       70.3267       75.4375         25       70.3       75.5375         26       70.3375       75.555         30       70.3375       75.5625         31       70.3375       75.5675         32       70.3375       75.5675         33       70.425       75.625         34       70.425       75.625         35       70.425       75.625         36       70.4375       75.6375         37       70.425       75.625         38       70.4425       75.625         39       70.475       75.757         44       70.557       75.757         45       70.525       75.757 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
13       70.15       75.36         14       70.175       75.375         15       70.175       75.375         16       70.175       75.375         17       70.2       75.4         18       70.125       75.445         19       70.257       75.455         20       70.275       75.455         21       70.275       75.455         22       70.2825       75.452         23       70.275       75.475         24       70.2875       75.425         25       70.3       75.512         26       70.3125       75.525         27       70.325       75.525         28       70.376       75.5875         39       70.3626       75.625         31       70.375       75.6375         33       70.425       75.6125         34       70.4375       75.6375         35       70.425       75.75         41       70.5       75.75         44       70.5375       75.75         44       70.6375       75.75         44       70.6375       75.8125					
14         70.1625         75.3625           16         70.1875         75.375           16         70.1875         75.3875           17         70.2         75.42           18         70.212         75.4425           19         70.235         75.4425           21         70.262         75.4425           22         70.2625         75.4426           23         70.275         75.475           24         70.3875         75.6426           25         70.3         75.55           26         70.312         75.512           28         70.3625         75.652           30         70.3625         75.656           33         70.4         75.657           32         70.3825         75.657           33         70.435         75.662           34         70.435         75.662           35         70.455         75.757           40         70.4875         75.6625           38         70.4625         75.75           44         70.575         75.75           45         70.6375         75.7575           46					
16         70.175         75.375           16         70.1875         75.3875           17         70.2         75.4           18         70.2125         75.4125           19         70.226         75.425           20         70.2375         75.425           21         70.2625         75.425           22         70.2625         75.4876           23         70.275         75.475           24         70.2857         75.5125           26         70.3125         75.525           28         70.3375         75.5875           29         70.357         75.5876           30         70.375         75.5876           31         70.375         75.6876           33         70.475         75.6376           34         70.425         75.6425           36         70.425         75.625           36         70.425         75.75           37         70.425         75.725           44         70.525         75.725           44         70.525         75.75           45         70.675         75.75           45					
16         70.1875         75.3875           17         70.2         75.4           18         70.225         75.425           20         70.2375         75.4375           21         70.2375         75.4375           22         70.2375         75.4475           23         70.2375         75.4475           24         70.2375         75.4475           25         70.3125         75.5125           26         70.3125         75.525           27         70.325         75.525           28         70.3375         75.5375           30         70.3625         75.626           31         70.325         75.6375           32         70.367         75.6375           33         70.3625         75.6375           34         70.4375         75.6375           35         70.4375         75.6375           36         70.4375         75.758           41         70.537         75.758           42         70.6375         75.757           44         70.537         75.757           45         70.6625         75.8375					
18         70.2125         75.425           20         70.2375         75.4375           21         70.2375         75.45           22         70.2625         75.45           23         70.276         75.475           24         70.2875         75.4875           24         70.2875         75.4875           26         70.31         75.65           26         70.328         75.526           29         70.325         75.5875           30         70.3625         75.5876           33         70.4125         75.6125           34         70.4125         75.6125           35         70.425         75.625           36         70.425         75.625           37         70.4375         75.6375           38         70.425         75.75           40         70.265         75.75           44         70.575         75.75           45         70.565         75.75           46         70.567         75.75           47         70.575         75.75           48         70.637         75.8375           56					
19       70.225       75.425         20       70.2376       75.4375         21       70.265       75.4625         22       70.225       75.4425         23       70.275       76.4475         24       70.376       76.4875         25       70.3125       75.512         26       70.3125       75.515         27       70.3275       75.55         30       70.365       75.55         31       70.375       75.575         32       70.3875       75.625         36       70.4425       75.625         36       70.4425       75.625         36       70.4425       75.625         36       70.4425       75.625         36       70.4425       75.625         36       70.4475       75.625         36       70.4475       75.625         36       70.4475       75.625         36       70.4475       75.64375         37       70.457       75.775         41       70.625       75.755         42       70.575       75.755         44       70.6375       75.825	17	70.2	75.4		
20         70.2375         75.45           21         70.255         75.45           22         70.2625         75.455           24         70.2875         75.475           24         70.3875         75.545           26         70.31         75.55           26         70.325         75.5455           28         70.3375         75.557           29         70.375         75.575           20         70.375         75.575           21         70.375         75.6575           32         70.376         75.625           33         70.425         75.625           34         70.475         75.625           35         70.425         75.625           36         70.425         75.625           38         70.425         75.625           39         70.475         75.625           40         70.475         75.627           41         70.55         75.725           42         70.5125         75.725           44         70.567         75.7375           44         70.567         75.7875           47         <					
21       70.255       75.4625         22       70.275       75.475         24       70.2876       75.4875         25       70.3       75.5         26       70.3125       75.55         27       70.325       75.55         28       70.375       75.55         29       70.325       75.55         30       70.3625       75.652         31       70.377       75.675         32       70.3875       75.625         33       70.3875       75.625         34       70.425       75.625         35       70.425       75.625         36       70.4375       75.675         39       70.445       75.625         36       70.4375       75.675         40       70.425       75.675         41       70.55       75.75         42       70.5125       75.75         44       70.657       75.75         44       70.625       75.75         45       70.625       75.75         46       70.627       75.825         51       70.6375       75.825					
22       70.2625       75.475         24       70.275       75.475         24       70.2875       75.475         25       70.31       75.5         26       70.3125       75.525         27       70.325       75.525         28       70.3375       75.555         30       70.3627       75.6575         32       70.3875       75.6575         33       70.427       76.625         34       70.425       75.625         35       70.425       75.625         36       70.425       75.625         36       70.426       75.625         36       70.427       75.625         36       70.425       75.75         41       70.625       75.725         42       70.5125       75.7375         44       70.5375       75.755         44       70.5675       75.755         446       70.5675       75.755         446       70.5675       75.755         447       70.575       75.775         448       70.6375       75.825         55       70.6375       75.825				•	
23       70.275       75.475         24       70.2876       75.4875         25       70.3       75.5         26       70.3125       75.5125         27       70.325       75.552         28       70.3776       75.6525         30       70.3625       75.565         31       70.375       75.675         32       70.3875       75.675         33       70.4125       75.675         33       70.425       75.662         34       70.4215       75.675         33       70.425       75.655         34       70.426       75.675         35       70.445       75.675         40       70.427       75.675         41       70.5       75.725         44       70.527       75.725         44       70.526       75.725         44       70.526       75.725         44       70.567       75.755         46       70.626       75.825         51       70.6376       75.875         54       70.6376       75.825         55       70.6376       75.825				1	
24       70.3875       75.5         26       70.3125       75.5125         27       70.326       75.525         28       70.3375       75.525         29       70.33       75.55         30       70.3625       75.525         31       70.375       75.567         32       70.3875       75.625         33       70.4       75.6         34       70.425       75.625         35       70.4425       75.625         36       70.4425       75.625         36       70.4425       75.625         36       70.4425       75.625         40       70.445       75.625         41       70.452       75.625         42       70.535       75.735         44       70.537       75.735         45       70.525       75.775         46       70.5625       75.775         47       70.6375       75.875         53       70.625       75.825         54       70.6625       75.825         55       70.6375       75.875         56       70.6375       75.875				1	
25         70.3         75.5           26         70.3125         75.5125           28         70.3375         75.527           29         70.36         75.562           30         70.3625         75.5625           31         70.375         75.575           32         70.3875         75.5875           33         70.4         75.6125           35         70.425         75.625           36         70.425         75.625           37         70.45         75.625           38         70.425         75.625           39         70.475         75.625           41         70.5         75.725           42         70.5125         75.7375           445         70.5625         75.7575           446         70.5625         75.7575           447         70.575         75.775           448         70.6375         75.8375           51         70.625         75.8375           52         70.637         75.8375           54         70.6375         75.8375           55         70.637         75.8375           56					
27       70.325       75.525         29       70.35       75.55         30       70.3625       75.562         31       70.375       75.575         32       70.375       75.575         33       70.4       75.62         34       70.425       75.627         35       70.425       75.627         36       70.425       75.625         36       70.425       75.625         37       70.45       75.662         38       70.425       75.625         39       70.475       75.662         40       70.475       75.675         41       70.52       75.7375         44       70.5125       75.7375         44       70.575       75.775         445       70.625       75.7875         446       70.625       75.7875         447       70.575       75.7875         448       70.625       75.8125         55       70.0375       75.8125         56       70.625       75.825         57       70.7       75.825         58       70.775       75.925					
28       70.3375       75.55         30       70.3625       75.5625         31       70.375       75.575         32       70.3875       75.5875         33       70.4       75.675         34       70.4125       75.6125         35       70.425       75.625         36       70.4375       75.6375         37       70.45       75.675         40       70.4875       75.675         41       70.5       75.77         42       70.5125       75.7125         43       70.525       75.725         44       70.525       75.757         45       70.55       75.757         46       70.5625       75.75.8         47       70.5875       75.775         48       70.6875       75.825         51       70.625       75.825         52       70.6375       75.825         53       70.675       75.825         54       70.6625       75.825         55       70.675       75.825         56       70.6875       75.875         57       70.7       75.925			75.5125		
29       70.35       75.555         30       70.376       75.575         32       70.3875       75.5875         33       70.4       75.625         34       70.425       75.625         35       70.425       75.625         36       70.425       75.625         37       70.45       75.625         38       70.425       75.625         39       70.475       75.6875         40       70.4875       75.6875         41       70.6       75.75         42       70.5125       75.725         43       70.525       75.7376         44       70.5375       75.7875         45       70.5625       75.7875         46       70.6825       75.7875         47       70.575       75.7875         48       70.6825       75.8375         61       70.625       75.8375         62       70.6375       75.8375         63       70.6625       75.8375         64       70.6625       75.8375         65       70.675       75.8375         66       70.6375       75.9375				4	
30         70.3625         75.675           31         70.375         75.675           32         70.3875         75.675           33         70.4         75.6           34         70.4125         75.6125           36         70.425         75.625           36         70.425         75.665           37         70.45         75.665           38         70.4625         75.665           39         70.475         75.6675           40         70.4875         75.6675           41         70.52         75.725           42         70.5125         75.735           44         70.5375         75.735           45         70.5625         75.755           46         70.5625         75.755           47         70.575         75.775           48         70.5875         75.875           51         70.625         75.825           52         70.6375         75.875           53         70.65         75.825           54         70.625         75.925           59         70.7         75.925           59         <					
31       70.375       75.575         32       70.3875       75.675         33       70.4       75.6         34       70.4125       75.625         35       70.425       75.625         36       70.4375       75.625         37       70.45       75.625         39       70.475       75.625         39       70.475       75.6875         40       70.475       75.6875         41       70.5       75.75         42       70.5125       75.725         43       70.525       75.725         44       70.5375       75.7375         45       70.55       75.7575         46       70.5625       75.7625         47       70.575       75.775         48       70.8625       75.7875         49       70.6       75.875         41       70.625       75.7875         42       70.6375       75.7875         43       70.6625       75.825         61       70.625       75.8375         62       70.6375       75.8375         63       70.775       75.9375					
32         70.3875         75.5875           33         70.4         75.6           34         70.4125         75.6125           35         70.425         75.6375           37         70.45         75.6375           38         70.44375         75.6625           38         70.44375         75.6625           39         70.44375         75.6625           39         70.44375         75.6625           40         70.44375         75.75           41         70.5125         75.7125           43         70.526         75.725           44         70.5375         75.7375           445         70.5625         75.7625           CHANNEL No         BTX         MTX         REMARKS         S/GRADE           47         70.675         75.875         53         70.675         75.8125           53         70.625         75.825         55         70.675         75.9125           53         70.675         75.926         59         70.725         75.925           54         70.725         75.9375         56         70.735         75.9375           58         7					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
34         70.4125         75.625           35         70.425         75.6375           37         70.45         75.665           38         70.465         75.6625           39         70.475         75.675           40         70.4875         75.6625           41         70.5125         75.75           42         70.5125         75.725           43         70.525         75.7375           445         70.525         75.75           446         70.5625         75.7625           446         70.5625         75.775           446         70.5625         75.7875           448         70.5875         75.7875           48         70.6875         75.7875           48         70.6875         75.875           51         70.625         75.825           52         70.6625         75.875           53         70.675         75.875           54         70.6625         75.825           55         70.77         75.925           61         70.75         75.9375           62         70.7625         75.925					
36         70.437         75.6375           37         70.45         75.665           38         70.4625         75.6625           39         70.475         75.675           40         70.4875         75.675           41         70.5         75.725           42         70.5125         75.7125           43         70.525         75.7375           44         70.5375         75.7375           44         70.525         75.7625           CHANNEL No.         BTX         MTX         REMARKS         S/GRADE           47         70.675         75.785         75.785         5           48         70.5875         75.7875         75.785         5           48         70.6875         75.7875         75.875         5           50         70.6125         75.8125         5         5         5           55         70.675         75.875         5         5         5         5           56         70.6875         75.985         5         5         5         5         5         5         5         5         5         5         5         5         5		70.4125			
37         70.462         75.65           38         70.4625         75.6625           39         70.475         75.675           40         70.4875         75.6855           41         70.5         75.7           42         70.5125         75.725           43         70.525         75.725           44         70.555         75.75           45         70.555         75.75           46         70.5625         75.7575           44         70.575         75.75           44         70.625         75.757           44         70.626         75.825           51         70.625         75.8125           53         70.65         75.825           54         70.6625         75.825           55         70.675         75.875           56         70.6875         75.825           55         70.675         75.825           56         70.675         75.825           56         70.725         75.925           58         70.77         76.92           59         70.725         75.925           61         70.	35	70.425	75.625		
38         70.4625         75.6625           39         70.475         75.675           40         70.4875         75.6875           41         70.5         75.72           42         70.5125         75.7125           43         70.525         75.725           44         70.5375         75.7375           45         70.55         75.75           46         70.5625         75.765           46         70.575         75.775           48         70.5875         75.7875           48         70.5875         75.7875           48         70.5875         75.7875           48         70.6875         75.875           51         70.625         75.825           52         70.6375         75.8375           53         70.65         75.985           54         70.625         75.985           55         70.725         75.925           56         70.725         75.925           58         70.725         75.9375           61         70.725         75.9375           64         70.789         75.945           65					
39         70.475         75.675           40         70.4875         75.6875           41         70.5         75.7125           42         70.5125         75.725           43         70.526         75.725           44         70.552         75.75           44         70.5625         75.75           46         70.5625         75.7625           CHANNEL No.         BTX         MTX         REMARKS           47         70.675         75.7875           48         70.6875         75.7875           49         70.6         75.8           50         70.6125         75.825           51         70.625         75.825           53         70.65         75.8125           54         70.6625         75.825           55         70.675         75.9125           58         70.7125         75.925           58         70.725         75.9375           61         70.7825         75.9625           62         70.705         75.9375           64         70.7875         75.9875           65         70.8         76					
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44       70.5375       75.7375         45       70.565       75.75         46       70.5625       75.7625         46       70.575       75.7625         47       70.575       75.775         48       70.625       75.7875         49       70.6       75.8         50       70.6125       75.8125         51       70.625       75.825         52       70.6375       75.8375         53       70.625       75.825         55       70.6375       75.875         55       70.6375       75.8475         55       70.6375       75.8625         55       70.676       75.875         56       70.6875       75.8875         56       70.7       75.925         58       70.725       75.925         60       70.7375       75.9375         61       70.75       75.9875         62       70.70.7875       75.9875         63       70.775       75.9875         64       70.8765       75.9875         65       70.8       76         66       70.825       76.025     <	42				
45         70.55         75.762           46         70.6625         75.7625           46         70.6625         75.7625           CHANNEL No.         BTX         MTX         REMARKS         S/GRADE           47         70.575         75.775         44         70.6875         75.7875           48         70.5875         75.7875         50         70.6125         75.8125           50         70.6125         75.825         51         70.6375         75.8375           53         70.665         75.825         55         70.675         75.915           54         70.6625         75.925         55         70.77         75.9           57         70.7         75.925         56         70.75         75.925           60         70.7375         75.9375         61         70.75         75.9875           61         70.75         75.9875         65         70.8         76           65         70.8         76         76         70.825         75.9875           65         70.8         76         66         70.8375         76.0125           65         70.8         76.025         76.025					
46         70.5625         75.7625           CHANNEL No.         BTX         MTX         REMARKS         S/GRADE           47         70.575         75.775 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
CHANNEL No.         BTX         MTX         REMARKS         S/GRADE           47         70.575         75.775  <					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	46	70.5625	75.7625		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	CHANNEL No.	<u>BTX</u>	MTX	REMARKS	S/GRADE
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	47	70.575	75.775		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	55	70.675	75.875		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				•	
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				1	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
63         70.775         75.975           64         70.7875         75.9875           65         70.8         76           66         70.8125         76.0125           67         70.825         76.025           68         70.8375         76.0375           69         70.85         76.05           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           75         70.925         76.1375           76         70.9375         76.1375					
65         70.8         76           66         70.8125         76.0125           67         70.825         76.025           68         70.8375         76.0375           69         70.85         76.0625           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           76         70.9375         76.1375	63	70.775	75.975		
66         70.8125         76.0125           67         70.825         76.025           68         70.8375         76.0375           69         70.85         76.05           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           75         70.925         76.1375           76         70.9375         76.1375					
67         70.825         76.025           68         70.8375         76.0375           69         70.85         76.05           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           76         70.9375         76.1375				4	
68         70.8375         76.0375           69         70.85         76.065           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.925         76.125           76         70.9375         76.1375					
69         70.85         76.05           70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           75         70.925         76.1375				1	
70         70.8625         76.0625           71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.125           75         70.925         76.125           76         70.9375         76.1375				1	
71         70.875         76.075           72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.1125           75         70.925         76.125           76         70.9375         76.1375				1	
72         70.8875         76.0875           73         70.9         76.1           74         70.9125         76.1125           75         70.925         76.125           76         70.9375         76.1375					
74         70.9125         76.1125           75         70.925         76.125           76         70.9375         76.1375					
75         70.925         76.125           76         70.9375         76.1375				4	
76 70.9375 76.1375					
				1	
	77	70.95	76.15		
78 70.9625 76.1625					

### 1.1.1 Channel Plans for the Frequency Allocation

### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 122/198

CHANNEL	. PLAN FC	<u> R 71.475 -</u>	72.5125/76.925 - 77.96	525MHz 20	<u>03 (12.5 k⊢</u>
HANNEL No.	<u>BTX</u>	MTX	REMARKS	S/GRADE	
1	71.475	76.925			
2	71.4875	76.9375			
3	71.5	76.95			
4 5	71.5125 71.525	76.9625 76.975			
6	71.5375	76.9875			
7	71.55	77			
8	71.5625	77.0125			
9	71.575	77.025			
10 11	71.5875 71.6	77.0375 77.05			
12	71.6125	77.0625			
13	71.625	77.075			
14	71.6375	77.0875			
15	71.65	77.1			
16 17	71.6625 71.675	77.1125 77.125			
18	71.6875	77.1375			
19	71.7	77.15			
20	71.7125	77.1625			
21	71.725	77.175			
22 23	71.7375 71.75	77.1875 77.2			
23	71.7625	77.2125	1		
25	71.775	77.225			
26	71.7875	77.2375			
27	71.8	77.25			
28 29	71.8125	77.2625 77.275			
29 30	71.825	77.2875	1		
31	71.85	77.3			
32	71.8625	77.3125			
33	71.875	77.325			
34	71.8875	77.3375			
35 36	71.9 71.9125	77.35 77.3625			
37	71.925	77.375			
38	71.9375	77.3875			
39	71.95	77.4			
40	71.9625	77.4125			
41	71.975	77.425			
42 43	71.9875	77.4375			
43	72 72.0125	77.45 77.4625			
45	72.025	77.475			
46	72.0375	77.4875			
HANNEL No.	BTX	MTX	REMARKS	S/GRADE	
47	72.05	77.5			
48 49	72.0625 72.075	77.5125 77.525			
50	72.075	77.5375			
51	72.1	77.55			
52	72.1125	77.5625			
53	72.125	77.575			
54	72.1375	77.5875	4		
55 56	72.15 72.1625	77.6 77.6125	1		
57	72.175	77.625			
58	72.1875	77.6375			
59	72.2	77.65			
60	72.2125	77.6625	4		
61	72.225 72.2375	77.675 77.6875	4		
62	72.2375	77.7	1		
6.0	72.2625	77.7125			
63 64					
64 65	72.275	77.725			
64 65 66	72.2875	77.7375			
64 65 66 67	72.2875 72.3	77.7375 77.75			
64 65 66 67 68	72.2875 72.3 72.3125	77.7375 77.75 77.7625			
64 65 66 67	72.2875 72.3	77.7375 77.75 77.7625 77.775			
64 65 66 67 68 69	72.2875 72.3 72.3125 72.325	77.7375 77.75 77.7625			
64 65 66 67 68 69 70 71 72	72.2875 72.3 72.3125 72.325 72.3375 72.35 72.3625	77.7375 77.75 77.7625 77.775 77.7875 77.8 77.8 77.8			
64 65 67 68 69 70 71 72 73	72.2875 72.3 72.3125 72.325 72.3375 72.35 72.3625 72.375	77.7375 77.75 77.7625 77.775 77.7875 77.8 77.8 77.8125 77.825			
64 65 67 68 69 70 71 72 73 74	72.2875 72.3 72.3125 72.325 72.3375 72.36 72.3625 72.375 72.3875	77.7375 77.7625 77.775 77.775 77.875 77.8 77.8125 77.825 77.8375			
64           65           66           67           68           69           70           71           72           73           74           75	72.2875 72.3 72.3125 72.325 72.3375 72.36 72.3625 72.375 72.3875 72.3875 72.4	77.7375 77.7625 77.7625 77.7875 77.7875 77.8125 77.8125 77.825 77.8375 77.8375			
64           65           66           67           68           69           70           71           72           73           74           75           76	72.2875 72.3 72.3125 72.325 72.3375 72.35 72.3625 72.3625 72.3875 72.3875 72.4 72.4125	77.7375 77.75 77.7625 77.7875 77.8875 77.8125 77.8125 77.825 77.8375 77.85 77.8625			
64           65           66           67           68           69           70           71           72           73           74           75	72.2875 72.3 72.3125 72.325 72.3375 72.36 72.3625 72.375 72.3875 72.3875 72.4	77.7375 77.7625 77.7625 77.7875 77.7875 77.8125 77.8125 77.825 77.8375 77.8375			
64           65           66           67           68           69           70           71           72           73           74           75           76           77	72.2875 72.3 72.3125 72.325 72.325 72.3375 72.3625 72.3625 72.3875 72.3875 72.4125 72.4125	77.7375 77.75 77.7625 77.7625 77.7875 77.8125 77.8125 77.825 77.8375 77.835 77.865 77.8625 77.875			
64         65           66         67           68         69           70         71           73         74           75         76           77         78	72.2875 72.3 72.3125 72.325 72.325 72.35 72.3625 72.375 72.3875 72.3875 72.4125 72.4125 72.425 72.4375 72.445	77.7375 77.75 77.7625 77.7625 77.78 77.8125 77.8125 77.825 77.8375 77.8375 77.8625 77.8875 77.8875 77.8875 77.9125			
64         65           66         67           68         69           70         71           73         74           75         76           77         78           79         80           81         81	72.2875 72.3 72.3125 72.325 72.3375 72.3625 72.3625 72.375 72.3875 72.4 72.4125 72.425 72.4375 72.4375 72.465 72.4625 72.4625	77.7375 77.75 77.7625 77.7625 77.7875 77.8125 77.8125 77.825 77.825 77.85 77.8625 77.8625 77.8625 77.875 77.875 77.9125 77.9125			
64           65           66           67           68           69           70           71           72           73           74           75           76           77           78           79           80	72.2875 72.3 72.3125 72.325 72.325 72.35 72.3625 72.375 72.3875 72.3875 72.4125 72.4125 72.425 72.4375 72.445	77.7375 77.75 77.7625 77.7625 77.78 77.8125 77.8125 77.825 77.8375 77.8375 77.8625 77.8875 77.8875 77.8875 77.9125			

No. 41854 **429** 

Page 123/198

IA NINIEL NIG			
ANNEL No.	BTX	REMARKS	S/GRADE
1	72.525		
2	72.5375		
3	72.55		
4 5	72.5625 72.575		<u> </u>
6	72.5875		
7	72.6		
8	72.6125		
9 10	72.625 72.6375		
10	72.65		
12	72.6625		
13	72.675		
14	72.6875		
15 16	72.7 72.7125		
17	72.725		
18	72.7375		
19	72.75		
20	72.7625		
21 22	72.775 72.7875		
22	72.8		
24	72.8125		
25	72.825		
26	72.8375		
27 28	72.85 72.8625		
29	72.875		
30	72.8875		
31	72.9		
32	72.9125		
33 34	72.925 72.9375		
35	72.95		
36	72.9625		
37	72.975		
38	72.9875 73		
39 40	73.0125		
41	73.025		
42	73.0375		
43	73.05		
44 45	73.0625 73.075		
40	73.0875		
47	73.1		
48 49	73.1125 73.125		
49 50	73.1375		
51	73.15		
52	73.1625		
53	73.175		
54 55	73.1875 73.2		
56	73.2125		
57	73.225		
58	73.2375		
59 60	73.25 73.2625		
61	73.275		
62	73.2875		
63	73.3		
64	73.3125		
65 66	73.325 73.3375		
67	73.35		
68	73.3625		
69	73.375		
	73.3875		
70 71	73.4		

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 124/198

ANNEL No.	BTX	MTX	REMARKS	S/GRADE
1	73.425	78.625		
2	73.4375	78.6375		
3 4	73.45 73.4625	78.65 78.6625		
5	73.475	78.675		
6 7	73.4875 73.5	78.6875 78.7		
8	73.5125 73.525	78.7125 78.725		
9 10	73.525	78.725 78.7375		
11 12	73.55 73.5625	78.75 78.7625		
13	73.575	78.775		
14 15	73.5875 73.6	78.7875 78.8		
16	73.6125	78.8125		
17 18	73.625 73.6375	78.825 78.8375		
19	73.65	78.85		
20 21	73.6625 73.675	78.8625 78.875		
22 23	73.6875 73.7	78.8875 78.9		
24	73.7125	78.9125		
25 26	73.725 73.7375	78.925 78.9375		
27	73.75	78.95		
28 29	73.7625 73.775	78.9625 78.975		
30	73.7875	78.9875		
31 32	73.8 73.8125	79 79.0125		
33 34	73.825 73.8375	79.025 79.0375		
35	73.85	79.05		
36 37	73.8625 73.875	79.0625 79.075		
38	73.8875	79.0875		
39 40	73.9 73.9125	79.1 79.1125		
41 42	73.925	79.125		
43	73.9375 73.95	79.1375 79.15		
44 45	73.9625 73.975	79.1625 79.175		
45 46	73.9875	79.175		
NNEL No.	BTX	MTX	REMARKS	S/GRADE
47	74	79.2		
48	74.0125	79.2125		
49 50	74.025	79.225 79.2375		
51 52	74.05 74.0625	79.25 79.2625		
53	74.075	79.275		
54 55	74.0875	79.2875 79.3		
56	74.1125	79.3125		
57 58	74.125 74.1375	79.325 79.3375		
59	74.15	79.35		
60 61	74.1625 74.175	79.3625 79.375		
62 63	74.1875 74.2	79.3875 79.4		
64	74.2125	79.4125		
65 66	74.225 74.2375	79.425 79.4375		
67	74.25	79.45		
68 69	74.2625 74.275	79.4625 79.475		
70 71	74.2875 74.3	79.4875 79.5		
72	74.3125	79.5125		
73 74	74.325 74.3375	79.525 79.5375		
75	74.35	79.55		
76 77	74.3625 74.375	79.5625 79.575		
78	74.3875	79.5875		
79 80	74.4 74.4125	79.6 79.6125		
81 82	74.425 74.4375	79.625 79.6375		
83	74.45	79.65		
84 85	74.4625 74.475	79.6625 79.675		
86	74.4875	79.6875		
87	74.5 74.5125	79.7 79.7125		
88	74.525	79.725		
89	74.5375	79.7375 79.75		
	74.55			
89 90 91 92	74.5625	79.7625		1
89 90 91 92 93 94	74.5625 74.575 74.5875	79.775 79.7875		
89 90 91 92 93	74.5625 74.575	79.775		
89 90 91 92 93 94 95	74.5625 74.575 74.5875 74.6	79.775 79.7875 79.8		
89 90 91 92 93 94 95 95 96	74.5625 74.575 74.5875 74.6 74.6	79.775 79.7875 79.8 79.8		
89 90 91 92 93 94 95 95 96 97 98	74.5625 74.575 74.5875 74.6 74.6125 74.625 74.625 74.6375	79.775 79.7875 79.8 79.8125 79.825 79.825 79.8375		
89 90 91 92 93 94 95 95 96 97 97 98 99	74.5625 74.575 74.5875 74.6 74.6125 74.625 74.625 74.6375 74.65	79.775 79.7875 79.8 79.8 79.825 79.825 79.8375 79.85		
89 90 91 92 93 94 95 95 96 97 98 99 99 90 00 100	74.5625 74.575 74.5875 74.6 74.6125 74.625 74.625 74.65 74.65 74.6625 74.675	79.775 79.7875 79.8 79.8 79.825 79.825 79.8375 79.86 79.865 79.8625 79.875		
89         90           91         92           93         94           95         96           97         98           99         100           101         102	74.5625 74.5875 74.5875 74.6 74.6 74.6125 74.625 74.625 74.6375 74.65 74.65 74.675 74.6875	79.775 79.7875 79.8 79.8 79.825 79.825 79.8375 79.8375 79.8625 79.8625 79.875 79.875		
89         90           90         91           92         93           94         95           96         97           98         99           100         101           102         102           104         104	74.5625 74.575 74.6875 74.6125 74.625 74.625 74.625 74.625 74.625 74.6625 74.6625 74.675 74.675 74.675 74.7125	79.775 79.7875 79.8 79.8 79.825 79.825 79.8375 79.85 79.8625 79.875 79.8675 79.8875 79.9 79.9		
89         90           90         91           92         93           94         95           95         95           96         97           98         99           100         101           102         103           1045         105	74.5625 74.575 74.5875 74.6 74.6 74.625 74.625 74.6375 74.6625 74.6625 74.6875 74.6875 74.7125	79.775 79.7875 79.875 79.8 79.8 79.825 79.8375 79.835 79.8625 79.875 79.875 79.875 79.875 79.9 79.9 79.9 79.9 79.9		
89         90           91         92           93         94           95         95           96         97           98         99           100         101           102         103           104         105           106         107	74.5625 74.575 74.6875 74.6875 74.625 74.625 74.625 74.6375 74.6625 74.6625 74.6625 74.675 74.74.7125 74.725 74.725 74.7375	79.775 79.7875 79.875 79.8 79.825 79.825 79.8375 79.8625 79.8625 79.8625 79.875 79.9875 79.9125 79.925 79.9375 79.95		
89         90           90         91           92         93           94         95           96         97           98         99           100         101           102         103           104         105	74.5625 74.575 74.6875 74.6875 74.6125 74.625 74.625 74.625 74.625 74.6625 74.6625 74.6625 74.675 74.675 74.7125 74.7125 74.725	79.775 79.7875 79.8 79.8 79.825 79.8375 79.8375 79.85 79.85 79.85 79.875 79.875 79.8875 79.975 79.9125 79.925 79.9375		

No. 41854 **431** 

Page 125/198

(Mobile 5	) MID-BA	ND DUPLE	X FREQUENCIES		
<u>CHANNEL</u>	_ PLAN FC	) <u>R 77.975 -</u>	78.625/82.975 - 83.625	MHz 2003	<u>3 (12.5 kHz)</u>
CHANNEL No.	DTV	MTV	REMARKS	S/GRADE	
CHANNEL NO.	<u>BTX</u>	MTX	<u>REMARKS</u>	3/GRADE	
1	77.975	82.975			
2	77.9875	82.9875			
3	78	83			
4	78.0125	83.0125			
5	78.025	83.025			
6	78.0375	83.0375			
7	78.05	83.05			
8	78.0625	83.0625			
9 10	78.075	83.075			
10	78.0875 78.1	83.0875 83.1			
12	78.1125	83.1125			
13	78.125	83.125			
13	78.1375	83.1375			
15	78.15	83.15			
16	78.1625	83.1625			
17	78.175	83.175			
18	78.1875	83.1875			
19	78.2	83.2			
20	78.2125	83.2125			
21	78.225	83.225			
22	78.2375	83.2375			
23	78.25	83.25			
24	78.2625	83.2625		_	
25	78.275	83.275			
26	78.2875	83.2875			
27	78.3	83.3			
28	78.3125	83.3125			
29 30	78.325 78.3375	83.325 83.3375		-	
30	78.35	83.35			
32	78.3625	83.3625			
33	78.375	83.375			
34	78.3875	83.3875			
35	78.4	83.4			
36	78.4125	83.4125			
37	78.425	83.425			
38	78.4375	83.4375			
39	78.45	83.45			
40	78.4625	83.4625			
41	78.475	83.475		4	
42	78.4875	83.4875			
43	78.5	83.5			
44	78.5125	83.5125			
45 46	78.525 78.5375	83.525 83.5375			
40	10.0010	03.3373			
CHANNEL No.	<u>BTX</u>	MTX	REMARKS	S/GRADE	
47	78.55	83.55			
48	78.5625	83.5625			
49	78.575	83.575			
50	78.5875	83.5875			
51	78.6	83.6		4	
52	78.6125	83.6125			

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 126/198

<b>MID-BAN</b>	ID SIMPLI	EX FREQL	JENCIES	
CHANNEI	_ PLAN FC	R 80.5 - 81	MHz 2003 (12.5kHz)	
			<u></u>	
CHANNEL No.	BTX		REMARKS	S/GRADE
1	80.5			1
2	80.5125			
3	80.525			
4	80.5375			
5	80.55			
6	80.5625			
7	80.575			
8	80.5875			
9	80.6			
10	80.6125			
11	80.625			
12	80.6375			
13	80.65			
14	80.6625			
15	80.675			
16	80.6875			
17	80.7			
18	80.7125			
19	80.725			
20	80.7375			
21	80.75			
22	80.7625			
23	80.775			
24	80.7875			
25	80.8			
26	80.8125			
27	80.825			
28	80.8375			
29	80.85			
30	80.8625			
31	80.875			
32	80.8875			
33	80.9			ļ
34	80.9125			1
35	80.925			ļ
36	80.9375			1
37	80.95			ļ
38	80.9625			1
39	80.975			
40	80.9875			

No. 41854 **433** 

Page 127/198

(Mobile 6	) MID-BA	ND DUPLE	X FREQUENCIES	
<b>CHANNEI</b>	_ PLAN FC	R 80-80.5/8	37-87.5MHz 2003 (12.5	kHz)
CHANNEL No.	<u>BTX</u>	<u>MTX</u>	<u>REMARKS</u>	S/GRADE
1	80	87		
2	80.0125	87.0125		
3	80.025	87.025		
4	80.0375	87.0375		
5	80.05	87.05		
6	80.0625	87.0625		
7	80.075	87.075		
8	80.0875	87.0875		
9	80.1	87.1		
10	80.1125	87.1125		
11	80.125	87.125		
12	80.1375	87.1375		
13	80.15	87.15		
14	80.1625	87.1625		
15	80.175	87.175		
16	80.1875	87.1875		
17	80.2	87.2		
18	80.2125	87.2125		
19	80.225	87.225		
20	80.2375	87.2375		
21	80.25	87.25		
22	80.2625	87.2625		
23	80.275	87.275		
24	80.2875	87.2875		
25	80.3	87.3		
26	80.3125	87.3125		
27	80.325	87.325		
28	80.3375	87.3375		
29	80.35	87.35		
30	80.3625	87.3625		
31	80.375	87.375		
32	80.3875	87.3875		
33	80.4	87.4		
34	80.4125	87.4125		
35	80.425	87.425		
36	80.4375	87.4375		
37	80.45	87.45		
38	80.4625	87.4625		
39	80.475	87.475		
40	80.4875	87.4875		

### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 128/198

		<u>R 81.625 -</u>	X FREQUENCIES 82.975/85.025-86.375MF	lz 2004 (12.
NNEL No.	BTX	MTX	REMARKS	S/GRADE
1	81.625	85.025		
2 3	81.6375 81.65	85.0375 85.05		
4 5	81.6625 81.675	85.0625 85.075		
6	81.6875 81.7	85.0875 85.1		
8	81.7125	85.1125		
9 10	81.725 81.7375	85.125 85.1375		
11 12	81.75 81.7625	85.15 85.1625		
13	81.775	85.175 85.1875		
14 15	81.7875 81.8	85.2		
16 17	81.8125 81.825	85.2125 85.225		
18 19	81.8375 81.85	85.2375 85.25		
20	81.8625	85.2625		
21 22	81.875 81.8875	85.275 85.2875		
23 24	81.9 81.9125	85.3 85.3125		
25 26	81.925 81.9375	85.325 85.3375		
27	81.95	85.35		
28 29	81.9625 81.975	85.3625 85.375		
30 31	81.9875 82	85.3875 85.4		
32	82.0125	85.4125		
33 34	82.025 82.0375	85.425 85.4375		
35 36	82.05 82.0625	85.45 85.4625		
37	82.075	85.475		
38 39	82.0875 82.1	85.4875 85.5	<u> </u>	
40 41	82.1125 82.125	85.5125 85.525		
42	82.1375 82.15	85.5375 85.55		
44	82.1625	85.5625		
ANNEL No.	<u>BTX</u> PLAN FO	<u>мтх</u> R 81.625 -	REMARKS 82.975/85.025-86.375MH	S/GRADE
NNEL No. 45	<u>BTX</u> 82.175	MTX 85.575	REMARKS	S/GRADE
46 47	82.1875 82.2	85.5875 85.6		
48	82.2125 82.225	85.6125		
50	82.2375	85.625 85.6375		
51 52	82.25 82.2625	85.65 85.6625		
53 54	82.275 82.2875	85.675 85.6875		
55	82.3	85.7		
56 57	82.3125 82.325	85.7125 85.725		
58 59	82.3375 82.35	85.7375 85.75		
60	82.3625	85.7625		
61 62	82.375 82.3875	85.775 85.7875		
63 64	82.4 82.4125	85.8 85.8125		
65	82.425 82.4375	85.825		
66 67	82.45	85.8375 85.85		
68 69	82.4625 82.475	85.8625 85.875		
70	82.4875	85.8875 85.9		
72	82.5 82.5125	85.9125		
72 73 74				
73 74 75	82.5125 82.525 82.5375 82.55	85.9125 85.925 85.9375 85.95		
73 74 75 76 77	82.5125 82.525 82.5375 82.55 82.5625 82.5625 82.575	85.9125 85.925 85.9375 85.95 85.9625 85.975		
73 74 75 76 77 78 79	82.5125 82.525 82.5375 82.55 82.5625 82.575 82.5875 82.5875 82.6	85.9125 85.925 85.9375 85.9625 85.9625 85.975 85.9875 86		
73 74 75 76 77 78 79 80	82.5125 82.525 82.5375 82.55 82.5625 82.5625 82.575 82.6875 82.6 82.6 82.6	85.9125 85.925 85.9375 85.95 85.9625 85.9625 85.9875 86.9875 86 86 86.0125		
73 74 75 76 77 78 79 80 81 82	82.5125 82.525 82.5375 82.55 82.5625 82.575 82.5875 82.6875 82.6125 82.625 82.6375	85.9125 85.925 85.9375 85.96 85.9625 85.9625 85.9875 86.9875 86 86.0125 86.0125 86.0375		
73         74         75         76         77         78         79         80         81         82         83         84	82.5125 82.5375 82.5575 82.5625 82.5625 82.5625 82.675 82.6 82.6125 82.625 82.6375 82.6375 82.6375 82.65 82.6625	85.9125 85.925 85.9375 85.9625 85.9625 86.9625 86.0125 86 86.0125 86.025 86.0375 86.05 86.05 86.0625		
73 74 75 76 77 78 79 80 81 81 82 83 83 84 85	82.5125 82.525 82.5375 82.55 82.5625 82.5625 82.575 82.675 82.6125 82.6125 82.6125 82.6375 82.66375 82.665 82.6675	85.9125 85.925 85.9375 85.9625 85.9625 85.9875 86.9875 86.0125 86.025 86.025 86.025 86.05 86.05 86.0625 86.075		
73           74           75           76           77           80           81           82           83           84           85           86           87	82.5126 82.5375 82.5375 82.5625 82.5625 82.5625 82.5875 82.6125 82.625 82.6125 82.625 82.625 82.625 82.6625 82.6675 82.6875 82.27	85.9125 85.925 85.9375 85.9625 85.9625 85.9875 86.9875 86.0125 86.0125 86.0125 86.025 86.0375 86.0625 86.075 86.075 86.075 86.1		
73           74           75           76           77           80           81           82           83           84           85           86           87           88           87           88           89	82.5125 82.5375 82.5375 82.5375 82.562 82.5625 82.5875 82.6875 82.625 82.625 82.625 82.6375 82.6675 82.6875 82.6675 82.6875 82.6875 82.7125	85.9125 85.925 85.9375 85.9625 85.9625 85.9675 86.0125 86.025 86.025 86.025 86.05 86.05 86.05 86.075 86.125 86.1		
73 74 75 76 77 78 80 80 81 82 83 84 85 86 85 86 85 86 87 88 89 90	82.5125 82.525 82.5375 82.55 82.56 82.56 82.675 82.6875 82.6125 82.6125 82.6125 82.6125 82.635 82.635 82.635 82.665 82.6675 82.6675 82.725 82.7125 82.7125 82.725 82.7375	85.9126 85.925 85.9375 85.9626 85.9675 86.0125 86.0125 86.025 86.025 86.025 86.0375 86.05 86.075 86.075 86.075 86.075 86.125 86.125 86.125 86.125 86.1375	REMARKS	S/GRADE
73 74 75 76 77 77 78 80 81 82 83 84 85 88 84 85 88 88 89 90 NINEL No.	82.5125 82.525 82.5375 82.55 82.56 82.56 82.575 82.6125 82.6125 82.6125 82.625 82.625 82.625 82.625 82.625 82.625 82.675 82.77 82.7125 82.7375 82.7375 82.7375	85.9125 85.925 85.9375 85.96 85.9625 86.975 86.0125 86.025 86.025 86.025 86.05 86.05 86.05 86.125 86.125 86.125 86.125 86.1375 86.1375 86.1375	82.975/85.025-86.375MH	lz 2004
73 74 75 76 76 78 78 80 80 81 82 83 84 83 84 85 86 86 86 88 88 89 90 90 90 90 91	82.5125 82.525 82.5375 82.55 82.56 82.56 82.575 82.6125 82.6125 82.6125 82.625 82.625 82.6375 82.6375 82.64 82.625 82.675 82.675 82.7125 82.7125 82.7375 82.7375 82.7375	85.9126 85.925 85.9375 85.96 85.9625 86.975 86.0125 86.025 86.025 86.05 86.05 86.05 86.05 86.05 86.125 86.125 86.1375 MIX R 81.625 - <u>MIX</u> 86.15		
73         74           74         75           76         76           77         78           80         81           81         82           83         84           85         86           87         88           89         90           ANNEL No.         HANNEL No.           HANNEL No.         91           92         93	82.5125 82.525 82.5375 82.55 82.56 82.56 82.56 82.6125 82.6125 82.6125 82.625 82.625 82.625 82.625 82.625 82.625 82.625 82.675 82.627 82.7125 82.7125 82.7375 82.7375 82.7375	85.9125 85.925 85.9375 85.9625 85.9675 86.0125 86.025 86.025 86.025 86.05 86.05 86.05 86.05 86.125 86.125 86.125 86.125 86.1375 MTX R 81.625 - MTX 86.15 86.15 86.15 86.15	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 80 80 81 82 83 83 84 85 84 85 88 84 85 88 84 87 90 90 90 90 91 91 92 93 94	82.5125 82.525 82.525 82.55 82.55 82.575 82.575 82.575 82.575 82.675 82.675 82.6125 82.6125 82.6375 82.625 82.6375 82.675 82.675 82.675 82.725 82.7125 82.725 82.725 82.75 82.75 82.75 82.75 82.75 82.775	85.9126 85.925 85.9375 85.9626 85.9675 86.975 86.0125 86.0125 86.025 86.0375 86.0625 86.0375 86.0625 86.0875 86.1125 86.125 86.1375 <b>MIX</b> <b>R 81.625</b> - <b>MIX</b> 86.1625 86.1625 86.175 86.175 86.175	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 80 80 81 82 83 83 84 85 84 85 84 85 84 85 90 90 90 90 90 90 90 90 91 92 93 94 96 96	82.5125 82.525 82.55 82.55 82.575 82.575 82.575 82.675 82.675 82.675 82.6125 82.6125 82.6125 82.6375 82.625 82.6375 82.675 82.675 82.725 82.725 82.735 BTX PLAN FO BTX 82.75 82.7625 82.775	85.9126 85.925 85.9375 85.9626 85.9626 86.975 86.0125 86.0125 86.025 86.025 86.0375 86.0625 86.0625 86.0875 86.1125 86.125 86.1375 <b>MIX</b> <b>R 81.625</b> - <b>MIX</b> 86.1625 86.1625 86.175 86.175 86.175 86.2125	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 80 80 81 82 83 84 85 84 85 86 87 88 88 89 90 90 90 90 90 91 91 92 93 93 94 96 97 97 98	B2.5125 B2.525 B2.55 B2.55 B2.55 B2.575 B2.575 B2.575 B2.625 B2.625 B2.6125 B2.625 B2.6375 B2.625 B2.6375 B2.625 B2.6375 B2.625 B2.6875 B2.6875 B2.725 B2.775 B2.775 B2.775 B2.75 B	85.9126 85.925 85.9375 85.9626 85.9675 86.0125 86.0125 86.025 86.0375 86.025 86.0375 86.0625 86.0875 86.0875 86.125 86.125 86.125 86.125 86.125 86.125 86.1625 86.1875 86.1275 86.225 86.2375	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 78 80 80 82 83 84 85 86 83 84 85 86 85 86 88 88 88 88 89 90 ANNEL No. HANNEL No. 91 92 93 94 95 97	82.5125 82.525 82.5375 82.55 82.56 82.56 82.575 82.6125 82.6125 82.6125 82.625 82.625 82.625 82.625 82.625 82.625 82.625 82.675 82.7125 82.7125 82.7125 82.7125 82.775 82.775 82.775 82.775 82.775 82.775 82.775 82.775 82.775 82.775 82.775 82.8125	85.9125 85.925 85.9375 85.9625 85.9675 86.0125 86.025 86.025 86.025 86.05 86.05 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.15 86.15 86.15 86.15 86.15 86.15 86.15 86.15 86.15 86.15 86.15 86.125 86.25 86.225	82.975/85.025-86.375MH	lz 2004
73         74           74         75           76         76           77         78           80         80           82         83           84         85           86         87           88         89           90         1           ANNEL No.         -           HANNEL No.         -           HANNEL No.         -           91         92           93         94           95         96           97         98           90         1001	B2.5125           B2.525           B2.5375           B2.5575           B2.5675           B2.5675           B2.5675           B2.6125           B2.7125           B2.7125           B2.7125           B2.775           B1X           PLAN FO           B1X           82.775           B2.8125           82.8125           82.8375           B2.8625           82.875	85.9126 85.925 85.9375 85.9625 85.9625 85.9675 86.0125 86.025 86.025 86.025 86.05 86.05 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.225 86.225 86.225 86.225 86.2	82.975/85.025-86.375MH	lz 2004
73         74           74         75           76         77           78         80           81         82           83         84           86         87           88         90           NNNEL No.         14ANNEL           NNNEL No.         91           92         93           94         95           96         97           98         99           1001         101           1023         103	B2.5125           B2.525           B2.5375           B2.565           B2.5675           B2.5675           B2.5675           B2.6125           B2.6125           B2.6125           B2.6375           B2.6375           B2.66125           B2.675           B2.6875           B2.6875           B2.7125           B2.7125           B2.7125           B2.775           B1X           B2.7625           B2.775           B1X           B2.776           B2.7875           B2.8125           B2.776           B2.8125           B2.8375           B2.8375           B2.8875           B2.8875           B2.8875           B2.8875           B2.9	85.9126 85.925 85.9375 85.9625 85.9675 86.975 86.0125 86.025 86.025 86.025 86.05 86.05 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.255 86.225 86.255 86.225 86.225 86.255 86.225 86.255	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 80 80 81 82 83 84 85 86 87 88 88 89 90 90 90 90 91 91 92 93 93 94 95 96 97 97 98 99 99 94 90 9100	B2.5125           B2.525           B2.5575           B2.5575           B2.5675           B2.5775           B2.625           B2.625           B2.625           B2.625           B2.625           B2.6125           B2.6125           B2.6125           B2.625           B2.6375           B2.6475           B2.725           B2.725           B2.725           B2.725           B2.725           B2.725           B2.725           B2.725           B2.725           B2.726           B2.776           B2.776           B2.776           B2.775           B2.776           B2.828           B2.828           B2.8375           B2.9375           B2.9125	85.9125 85.925 85.9375 85.9625 85.9675 86.0125 86.0125 86.025 86.025 86.025 86.025 86.025 86.05 86.05 86.125 86.125 86.125 86.125 86.125 86.125 86.1625 86.1625 86.1625 86.1625 86.175 86.1625 86.175 86.275 86.275 86.275 86.275 86.275 86.275 86.3125	82.975/85.025-86.375MH	lz 2004
73 74 75 76 77 78 79 80 81 82 83 83 84 85 88 88 89 90 90 NINEL No. 4ANNEL 90 90 91 92 93 93 94 95 96 99 94 96 97 97 98 99 99 90 100	B2.5125           B2.525           B2.5375           B2.5675           B2.5675           B2.5675           B2.5675           B2.6125           B2.6125           B2.6125           B2.6375           B2.6125           B2.6125           B2.6125           B2.6125           B2.6125           B2.6125           B2.6125           B2.6125           B2.7125           B2.7125           B2.7125           B2.7125           B2.715           B1X           B2.7625           B2.775           B2.82,775           B2.82,775           B2.82,775           B2.82,775           B2.7875           B2.8375           B2.8375           B2.8375           B2.8875           B2.8875           B2.9	85.9126 85.925 85.9375 85.9625 85.9675 86.975 86.0125 86.025 86.025 86.025 86.05 86.05 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.125 86.255 86.225 86.255 86.225 86.225 86.255 86.225 86.255	82.975/85.025-86.375MH	lz 2004

No. 41854 435

Page 129/198

(Mobile 7	) MID-B	AND DUP	LEX FREQUENCIES	
CHANNEL	_ PLAN F	OR 81 - 8.	.62/86.375-87MHz 2003 (12.5	<u>kHz)</u>
HANNEL No.	<u>BTX</u>	MTX	REMARKS	S/GRAD
1	81	86.375		
2	81.0125	86.3875		
3	81.025	86.4		
4	81.0375	86.4125		
5	81.05	86.425		
6	81.0625	86.4375		
7	81.075	86.45		
8	81.0875	86.4625		
9	81.1	86.475		
10	81.1125	86.4875	Livestock & Wildlife protection NARC RSA	
11	81.125	86.5		
12	81.1375	86.5125		
13	81.15	86.525		
14	81.1625	86.5375		
15	81.175	86.55		
16	81.1875	86.5625	Livestock & Wildlife protection NARC RSA	
17	81.2	86.575		
18	81.2125	86.5875		
19	81.225	86.6		
20	81.2375	86.6125		
21	81.25	86.625		
22	81.2625	86.6375		
23	81.275	86.65		
24	81.2875	86.6625	Livestock & Wildlife protection NARC RSA	
25	81.3	86.675	, i i i i i i i i i i i i i i i i i i i	
26	81.3125	86.6875	Livestock & Wildlife protection NARC RSA	
27	81.325	86.7	'	
28	81.3375	86.7125		
29	81.35	86.725		
30	81.3625	86.7375	Livestock & Wildlife protection NARC RSA	
31	81.375	86.75		
32	81.3875	86.7625		
33	81.4	86.775		
34	81.4125	86.7875		
35	81.425	86.8		
36	81.4375	86.8125		
37	81.45	86.825		
38	81.4625	86.8375		
39	81.475	86.85		
40	81.4875	86.8625		
41	81.5	86.875		
42	81.5125	86.8875		
43	81.525	86.9		
44	81.5375	86.9125		
45	81.55	86.925		
46	81.5625	86.9375		
40	81.575	86.95		
48	81.5875	86.9625		
40	81.6	86.975		
49 50	81.6125	86.9875		

### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 130/198

HANNEL No.	BTX	REMARKS	S/GRAD
1	83.625		
2	83.6375		
3	83.65 83.6625		
5	83.675		
6 7	83.6875 83.7		
8	83.7125		
9 10	83.725 83.7375		
11	83.75		
12 13	83.7625 83.775		
14	83.7875		
15 16	83.8 83.8125		
17	83.825		
18 19	83.8375		
20	83.85 83.8625		
21 22	83.875		
22	83.8875 83.9		
24	83.9125		
25 26	83.925 83.9375		
27	83.95		
28 29	83.9625 83.975		
30	83.9875		
31 32	84 84.0125	<u> </u>	<u> </u>
33	84.025		
34 35	84.0375 84.05		
36	84.0625		
37 38	84.075 84.0875		
39	84.1		
40 41	84.1125 84.125		
41	84.1375		
43	84.15		
44 45	84.1625 84.175		
46	84.1875	DEMA DIKO	0.00045
HANNEL No.	BTX	REMARKS	S/GRAE
47	84.2		
48 49	84.2125 84.225		
50	84.2375		
51 52	84.25 84.2625		
53	84.275		
54 55	84.2875 84.3		
56	84.3125		
57 58	84.325 84.3375		
59	84.35		
60	84.3625 84.375		
61 62	84.3875		
63	84.4		
64 65	84.4125 84.425		
66	84.4375		
67 68	84.45 84.4625		
69	84.475		
70 71	84.4875 84.5		
72	84.5125		
73 74	84.525 84.5375		
75	84.55		
76 77	84.5625 84.575		
78	84.5875		
79 80	84.6 84.6125		
81	84.625		
82	84.6375		
83 84	84.65 84.6625	<u></u>	
85	84.675		
86 87	84.6875 84.7		
88	84.7125		
89 90	84.725 84.7375		
91	84.75		
92 93	84.7625 84.775	<u> </u>	
94	84.7875		
95 96	84.8 84.8125		
HANNEL No.	BTX	REMARKS	S/GRAD
97	84.825		
98	84.8375		
99 100	84.85 84.8625		
101	84.875		
102 103	84.8875 84.9		
103 104	84.9125		
105	84.925		
106 107	84.9375 84.95		
108	84.9625		
108 109 110	84.975 84.9875		

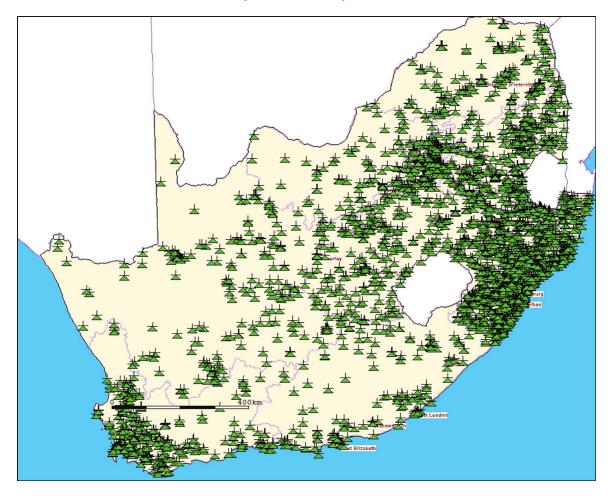
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Page 131/198

### 1.1.2 Licensing information for the applicable frequency allocation

There are 11 777 Licenses issued in this band for both BTX and MTX as well as single frequency devices

### 1.1.3 Areas where licensed frequencies are operational.



## 1.2 Applicable Frequency Allocation and Band information 138 MHz to 143.6 MHz

Frequency Band under investigation 138 MHz to 143.6  $\ensuremath{\mathsf{MHz}}$ 

FIXED

MOBILE

Frequency Sub bands

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 132/198

### Pairings

Mobile 1 MTX 138 - 140.5 MHz paired with BTX 141.5 to 144 MHz

Single Frequency Mobile Allocations

140.5 to 141 MHz

141 – 141.5 MHz

### **1.2.1** Channel Plan for the Frequency Allocation

SINGLE F	<b>REQUENCY MOBI</b>	LE	
CHANN	EL PLAN FOR	2 141 - 141.5MHz 2002 (12.5kHz)	
CH. No.	SF	REMARKS	S/Gr.
1	141	NOT AVAILABLE	NON
2	141.0125	AVAILABLE	A
3	141.025	NOT AVAILABLE	NON
4	141.0375	AVAILABLE	С
5	141.05	NOT AVAILABLE	NON
6	141.0625	AVAILABLE	A
7	141.075	NOT AVAILABLE	NON
8	141.0875	AVAILABLE	С
9	141.1	NOT AVAILABLE	NON
10	141.1125	AVAILABLE	Α
11	141.125	NOT AVAILABLE	NON
12	141.1375	AVAILABLE	С
13	141.15	NOT AVAILABLE	NON
14	141.1625	AVAILABLE	А
15	141.175	NOT AVAILABLE	NON
16	141.1875	AVAILABLE	С
17	141.2	NOT AVAILABLE	NON
18	141.2125	AVAILABLE	А
19	141.225	NOT AVAILABLE	NON
20	141.2375	AVAILABLE	С
21	141.25	NOT AVAILABLE	NON
22	141.2625	AVAILABLE	Α
23	141.275	NOT AVAILABLE	NON
24	141.2875	AVAILABLE	C
25	141.3	NOT AVAILABLE	NON
26	141.3125	AVAILABLE	А
27	141.325	NOT AVAILABLE	NON
28	141.3375	AVAILABLE	С
29	141.35	NOT AVAILABLE	NON
30	141.3625	AVAILABLE	А
31	141.375	NOT AVAILABLE	NON
32	141.3875	AVAILABLE	С
33	141.4	NOT AVAILABLE	NON
34	141.4125	AVAILABLE	A
35	141.425	NOT AVAILABLE	NON
36	141.4375	AVAILABLE	C
37	141.45	NOT AVAILABLE	NON
38	141.4625	AVAILABLE	ROVIN
39	141.475	NOT AVAILABLE	NON
40	141.4875	AVAILABLE	A/C

No. 41854 439

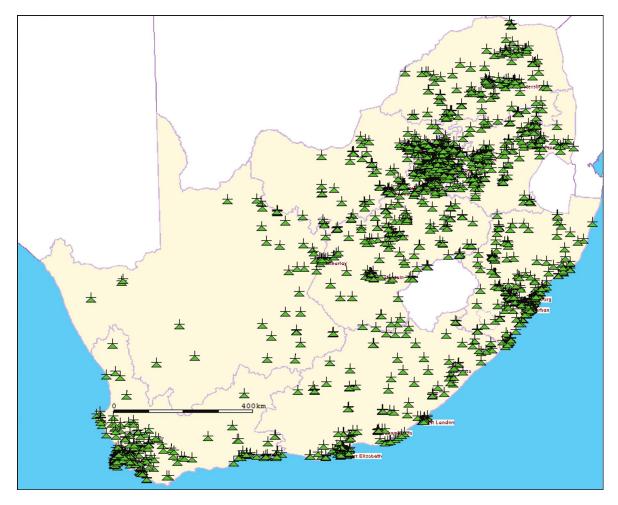
Page 133/198

Channel plan for SF 140.5 to 141 is similar to this channel plan.

### 1.2.2 Licensing information for the applicable frequency allocation

There are 2974 licenses issued in the SF band between 140.5 and 141.5 MHz.

### **1.2.3** Areas where licensed frequencies are operational.



Page 134/198

# 1.3 Applicable Frequency Allocation and Band information 150.05 MHz to 153.05 MHz

Frequency Band under investigation 150.05 MHz to 153.05 MHz

FIXED

MOBILE except aeronautical mobile

RADIO ASTRONOMY

Frequency Sub bands

FIXED

Single Frequency Alarms Allocations

152.05 to 152.55 MHz

MOBILE except aeronautical mobile Alarms, Single Frequency Mobile and Load Shedding Allocations 148.950 – 151 MHz PMR and PAMR Paging

Government Services Wildlife Telemetry Tracking 148-152 MHz

RADIO ASTRONOMY

No. 41854 441

Page 135/198

		EOD 148 05 15		2 51-1-1
H. No.		FOR 148.95 - 15 REMARKS	S/Gr.	
1	148.95			
2	148.9625 148.975			
4	148.9875			
5	149			
6	149.0125			
8	149.025 149.0375			
9	149.05			
10	149.0625 149.075			
12	149.0875			
13	149.1			
14 15	149.1125 149.125			
16	149.1375			
17	149.15			
18 19	149.1625 149.175			
20	149.1875			
21	149.2			
22 23	149.2125 149.225			
24	149.2375			
25	149.25			
26 27	149.2625 149.275			
28	149.2875			_
29 30	149.3 149.3125			
31	149.3125			
32	149.3375			
33 34	149.35 149.3625			
35	149.375			
36	149.3875			
37 38	149.4 149.4125			
39	149.425			
40	149.4375 149.45			
41 42	149.45 149.4625			
43	149.475			
44 45	149.4875 149.5			
45	149.5 149.5125			
		FOR 148.95 - 15		2.5kHz)
H. No. 47	SF 149.525	REMARKS	S/Gr.	
48	149.5375			
49				
50	149.55			
51	149.5625			
51 52				
52 53	149.5625 149.575 149.5875 149.6			
52 53 54	149.5625 149.575 149.5875 149.6 149.6125			
52 53 54 55 56	149.5625 149.575 149.5875 149.6 149.6125 149.625 149.6375			
52 53 54 55 56 57	149.5625 149.575 149.5875 149.6 149.6 149.6125 149.625 149.6375 149.65			
52 53 54 55 56	149.5625 149.575 149.5875 149.6 149.6125 149.625 149.6375			
52 53 54 55 56 57 58 59 60	149.5625 149.575 149.5875 149.6125 149.625 149.6375 149.65 149.65 149.65 149.675 149.6875			
52 53 54 55 56 57 58 59 60 61	149.6625 149.575 149.5875 149.625 149.625 149.625 149.625 149.6375 149.665 149.665 149.6675 149.6875 149.7			
52 53 54 55 56 57 58 59 60	149.5625 149.575 149.5875 149.6125 149.625 149.6375 149.65 149.65 149.65 149.675 149.6875			
52 53 54 55 56 57 58 59 60 61 62 63 64	149.6625 149.575 149.5875 149.6875 149.6125 149.625 149.6375 149.6375 149.655 149.675 149.675 149.77 149.7125 149.7375			
52 53 54 55 56 57 58 59 60 61 62 63 64 65	149.5625 149.575 149.6875 149.6875 149.6125 149.625 149.6375 149.6625 149.6625 149.6875 149.775 149.725 149.725			
52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67	149.5625 149.575 149.875 149.875 149.6 149.625 149.625 149.65 149.65 149.65 149.65 149.675 149.775 149.725 149.725 149.75 149.75			
52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	149.6625 149.575 149.6875 149.6875 149.6125 149.625 149.6375 149.655 149.6625 149.675 149.77 149.7125 149.725 149.75 149.75 149.75			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69	149.5625 149.575 149.875 149.875 149.6 149.625 149.625 149.65 149.65 149.65 149.65 149.675 149.775 149.725 149.725 149.75 149.75			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71	149.5625 149.575 149.6875 149.6 149.6125 149.625 149.625 149.6625 149.6625 149.6625 149.6625 149.675 149.775 149.775 149.725 149.7375 149.785 149.785 149.785 149.785 149.8125			
52           53           54           55           56           57           58           59           60           62           63           64           65           66           67           68           69           70           71           72	$\begin{array}{r} 149.5625\\ 149.575\\ 149.675\\ 149.6875\\ 149.6\\ 149.6125\\ 149.625\\ 149.6375\\ 149.665\\ 149.665\\ 149.665\\ 149.675\\ 149.775\\ 149.7125\\ 149.725\\ 149.725\\ 149.725\\ 149.76\\ 149.75\\ 149.76\\ 149.75\\ 149.76\\ 149.8\\ 149.8125\\ 149.8375\\ \end{array}$			
52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 68 68 69 70 71	$\begin{array}{r} 149.5625\\ 149.575\\ 149.575\\ 149.6875\\ 149.6\\ 149.6125\\ 149.625\\ 149.6375\\ 149.655\\ 149.6625\\ 149.6625\\ 149.6625\\ 149.6875\\ 149.77\\ 149.7125\\ 149.725\\ 149.725\\ 149.775\\ 149.775\\ 149.775\\ 149.775\\ 149.775\\ 149.7875\\ 149.8125\\ 149.825\\ 149.8375\\ 149.85\\ \end{array}$			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75	$\begin{array}{r} 149.5625\\ 149.575\\ 149.575\\ 149.6875\\ 149.6\\ 149.6125\\ 149.625\\ 149.6375\\ 149.655\\ 149.6625\\ 149.6625\\ 149.6625\\ 149.675\\ 149.77\\ 149.77\\ 149.7125\\ 149.775\\ 149.775\\ 149.775\\ 149.775\\ 149.775\\ 149.775\\ 149.8125\\ 149.8125\\ 149.825\\ 149.825\\ 149.875\\ \end{array}$			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           76	149.5625 149.575 149.675 149.6875 149.625 149.625 149.625 149.652 149.6625 149.6625 149.675 149.775 149.775 149.725 149.75 149.75 149.75 149.75 149.75 149.875 149.825 149.825 149.8875			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75	149.6625 149.575 149.6875 149.6875 149.6125 149.625 149.6375 149.652 149.652 149.675 149.675 149.775 149.775 149.725 149.75 149.75 149.75 149.75 149.7875 149.8125 149.825 149.8375 149.8375 149.875			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78	149.5625 149.575 149.6875 149.6875 149.625 149.625 149.6375 149.6625 149.6625 149.6625 149.675 149.715 149.725 149.725 149.725 149.725 149.75 149.7875 149.7875 149.8125 149.825 149.8375 149.8825 149.8875 149.8875 149.925			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78           80	149.5625 149.575 149.675 149.6875 149.625 149.625 149.6375 149.6625 149.6625 149.6625 149.6875 149.775 149.775 149.775 149.775 149.775 149.7875 149.875 149.875 149.825 149.8375 149.85 149.95 149.9375			
52           53           54           55           56           57           58           60           61           62           63           64           65           67           68           69           70           71           72           73           74           76           77           78           78           80           81	149.5625 149.575 149.675 149.6875 149.625 149.625 149.6375 149.662 149.6625 149.675 149.675 149.725 149.725 149.725 149.725 149.725 149.725 149.75 149.75 149.875 149.825 149.8375 149.8375 149.8825 149.8875 149.925			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           79           80           81           82	149.5625 149.575 149.675 149.6875 149.6875 149.625 149.6375 149.665 149.665 149.6625 149.675 149.77 149.715 149.725 149.725 149.725 149.75 149.75 149.75 149.875 149.875 149.8375 149.8375 149.8375 149.8375 149.825 149.8375 149.925 149.925 149.9375			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           67           68           69           70           73           74           75           76           80           81           82           83	149.5625 149.575 149.6875 149.6875 149.625 149.625 149.625 149.6625 149.6625 149.6875 149.675 149.77 149.77 149.72 149.72 149.72 149.725 149.78 149.78 149.78 149.875 149.875 149.825 149.8375 149.85 149.85 149.85 149.85 149.85 149.925 149.925 149.9375			
52 53 54 55 55 56 55 58 59 60 61 62 63 64 66 66 66 66 66 70 71 72 77 77 77 77 77 77 78 80 81 82 83 84 85	149.5625 149.575 149.675 149.6875 149.6875 149.625 149.625 149.652 149.6625 149.6625 149.675 149.775 149.7125 149.725 149.725 149.725 149.75 149.75 149.75 149.75 149.875 149.825 149.825 149.8625 149.8875 149.8875 149.925 149.925 149.925 149.925 149.925 149.925 149.925 149.925 149.975 149.975			
52           53           54           55           56           57           58           59           60           61           62           63           64           65           67           68           69           70           73           74           75           76           80           81           82           83	149.5625 149.575 149.6875 149.6875 149.625 149.625 149.625 149.6625 149.6625 149.6875 149.675 149.77 149.77 149.72 149.72 149.72 149.725 149.78 149.78 149.78 149.875 149.875 149.825 149.8375 149.85 149.85 149.85 149.85 149.85 149.925 149.925 149.9375			
52 53 54 55 55 56 57 58 59 60 61 62 63 64 65 66 66 66 67 71 77 73 74 75 76 80 81 82 83 84 88 88	149.5625 149.575 149.675 149.6875 149.625 149.625 149.625 149.6625 149.6625 149.6625 149.6625 149.6875 149.77 149.77 149.725 149.775 149.775 149.785 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.925 149.95 149.5			
52 53 54 55 55 55 56 60 61 62 63 66 66 66 66 66 66 66 67 68 69 70 71 72 73 74 77 75 77 78 0 81 82 83 84 85 88 88 88 88 88 88 88 89	149.5625 149.575 149.675 149.6875 149.625 149.625 149.652 149.6625 149.6625 149.6625 149.675 149.775 149.775 149.775 149.775 149.775 149.775 149.7875 149.7875 149.875 149.8875 149.8875 149.8875 149.825 149.825 149.857 149.975 149.975 149.975 149.975 149.975 149.975 149.975			
52 53 54 55 55 56 57 59 59 60 61 62 63 66 66 66 67 71 72 73 74 75 76 80 77 77 77 77 77 77 77 77 78 80 81 82 83 88 88	149.5625 149.575 149.675 149.6875 149.625 149.625 149.625 149.6625 149.6625 149.6625 149.6625 149.6875 149.77 149.77 149.725 149.775 149.775 149.785 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.825 149.925 149.95 149.5			
52 53 54 55 55 56 57 58 59 60 61 62 63 64 66 66 66 66 66 67 70 77 73 77 77 78 80 81 82 88 88 88 88 88 88 88 89 99 99 92	149.5625 149.575 149.675 149.6875 149.6875 149.625 149.625 149.6625 149.6625 149.675 149.675 149.775 149.775 149.725 149.725 149.725 149.75 149.75 149.75 149.75 149.75 149.875 149.875 149.825 149.825 149.825 149.8375 149.825 149.825 149.925 149.925 149.925 149.925 149.95 150.05 150.055			
52 53 54 55 55 55 55 56 60 61 62 63 66 66 66 66 66 66 66 66 66 66 67 70 77 73 74 75 76 77 77 78 80 81 82 83 84 85 88 88 88 88 88 89 90 91	149.5625 149.575 149.675 149.6875 149.625 149.6625 149.6625 149.6625 149.6625 149.6625 149.675 149.775 149.775 149.725 149.725 149.765 149.765 149.7875 149.7875 149.7875 149.875 149.825 149.8375 149.825 149.825 149.825 149.825 149.925 150.025 150.025 150.055			

### **1.3.1** Channel Plan for the Frequency Allocation

Page 136/198

JEL PLAN	FOR 148.95 -	151MHz 2004
SF	REMARKS	S/Gr.
150.1125		
150.125		
150.2625		
150.275		
150.2875		
150.3		
150.3125		
	<u> </u>	
150.4375		
150.45		
150.4625		
150.475		
150.4875		
150.625		
150.6375		
150.65		
150.7		
<u>VEL PLAN</u>		
SF	REMARKS	S/Gr.
150.7125		
	<u> </u>	
150.8125		
150.825		
150.8375		
150.85		
150.8625		
150.8625 150.875		
150.8625 150.875 150.8875		
150.8625 150.875 150.8875 150.9		
150.8625 150.875 150.8875 150.9 150.9125		
150.8625 150.875 150.8875 150.9 150.9125 150.925		
150.8625 150.875 150.8875 150.9 150.9125 150.925 150.9375		
150.8625 150.875 150.8875 150.9 150.9125 150.925 150.9375 150.95		
150.8625 150.875 150.8875 150.9 150.9125 150.925 150.9375		
	150.1125 150.125 150.1375 150.1625 150.1625 150.175 150.2125 150.2125 150.2375 150.2625 150.2625 150.275 150.375 150.3125 150.325 150.375 150.375 150.375 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.425 150.525 150.525 150.525 150.525 150.525 150.5375 150.525 150.5375 150.625 150.625 150.6375 150.7375 150.	150.1125         150.1375         150.1375         150.1625         150.175         150.1875         150.2125         150.225         150.2375         150.2625         150.2625         150.275         150.2875         150.2875         150.2875         150.2875         150.2875         150.2875         150.325         150.325         150.325         150.3375         150.325         150.325         150.3375         150.375         150.3875         150.3875         150.425         150.425         150.425         150.425         150.425         150.455         150.455         150.525         150.5375         150.5375         150.625         150.635         150.645         150.65         150.65         150.65         150.625         150.635         150.645         150.675

No. 41854 **443** 

Page 137/198

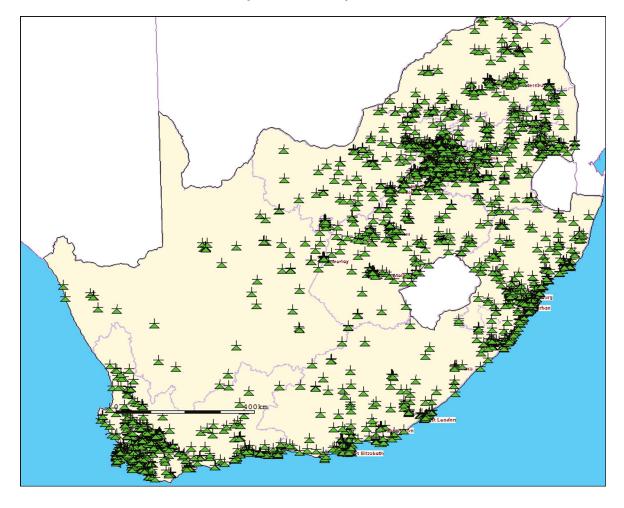
CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.         SF         REMARKS         S/Gr.           1         161
1       151         2       151.0125         3       151.025         4       151.0375         5       151.05         6       151.0625         7       151.075         8       151.0875         9       161.1         10       151.1125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.2125         19       151.225         20       151.2375         21       151.2625         223       151.275         24       151.3         25       151.3         26       151.3125         27       151.325         28       151.375         33       151.4         34       151.425         35       151.425         36       151.425         37       151.45         40       151.425         38       151.425 <tr< th=""></tr<>
2       151.025         3       151.025         4       151.0375         5       151.05         6       151.0625         7       151.075         8       151.0875         9       151.1         10       151.125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       161.2         18       151.2125         20       151.2375         21       151.255         22       151.265         23       151.275         24       151.2875         25       151.3         26       151.3         27       151.325         28       151.3375         30       151.425         31       151.375         32       151.3875         33       151.4         34       151.425         35       151.425         36       151.425         37       151.45
3       151.025         4       151.0375         5       151.05         6       151.0625         7       151.075         8       151.0875         9       151.1         10       151.125         11       151.125         12       151.375         13       151.15         14       151.1625         15       151.176         16       151.175         17       151.2         18       151.225         20       151.2375         21       151.2625         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3325         27       151.325         28       151.335         30       151.425         33       151.425         33       151.425         34       151.425         35       151.425         36       151.425         37       151.45         38       151.425         39       151.475
4       151.0375         5       151.062         7       151.075         8       151.0875         9       151.1         10       151.125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.175         17       151.25         18       151.225         20       151.2375         21       151.225         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.35         30       151.3425         33       151.44         34       151.425         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475
4       151.0375         5       151.062         7       151.075         8       151.0875         9       151.1         10       151.125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.175         17       151.25         18       151.225         20       151.2375         21       151.225         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.35         30       151.3425         33       151.44         34       151.425         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475
5     151.06       6     151.0625       7     151.075       8     151.0875       9     151.1       10     151.125       11     151.125       12     151.1375       13     151.15       14     151.1625       15     151.175       16     151.1875       17     151.2       18     151.2125       20     151.2375       21     151.25       20     151.2375       21     151.25       22     151.2625       23     151.275       24     151.2875       25     151.3       26     151.325       27     151.325       28     151.325       29     151.35       30     151.3625       31     151.375       32     151.3875       33     151.425       34     151.425       35     151.425       36     151.425       37     151.45       38     151.425       39     151.475       40     151.4875       41     151.55       45     151.55       46
6       151.0625
7       151.075         8       151.0875         9       151.1         10       151.125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.225         20       151.2375         21       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.375         29       151.325         21       151.325         22       151.3375         23       151.375         30       151.3825         31       151.375         32       151.3875         33       151.4         34       151.475         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475     <
8       151.0875         9       151.1         10       151.125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.125         19       15.225         20       151.2375         21       151.265         22       151.265         23       151.275         24       151.2875         25       151.3         26       151.3         27       151.325         28       151.3375         29       151.35         30       151.4625         31       151.375         32       151.375         33       151.4         34       151.425         35       151.4375         36       151.425         37       151.45         38       151.425         39       151.4375         39       151.4375         41       151.5
9         151.1           10         151.125           11         151.125           12         151.1375           13         151.15           14         151.1625           15         151.175           16         151.1875           17         151.2           18         151.2125           19         151.225           20         151.2375           21         151.255           22         151.2625           23         151.275           24         151.2875           25         151.3           26         151.315           27         151.325           28         151.375           30         151.375           31         151.375           32         151.375           33         151.4           34         151.425           33         151.4           34         151.425           35         151.425           36         151.4375           37         151.45           38         151.4625           39         151.455
10       151.1125         11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.25         20       151.25         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.375         30       151.385         30       151.385         30       151.385         31       151.375         32       151.3875         33       151.4         34       151.425         35       151.425         36       151.425         37       151.45         38       151.4625         39       151.475         41       151.55         42       151.55         44       151.55         45       151.55
11       151.125         12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.215         20       151.2375         21       151.25         22       151.265         23       151.275         24       151.285         25       151.3         26       151.3125         27       151.325         28       151.3125         29       151.35         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.425         35       151.425         36       151.4375         37       151.45         38       151.4625         39       151.475         40       151.4875         41       151.5         42       151.55         44       151.575         45       151.55         46       151.565
12       151.1375         13       151.15         14       151.1625         15       151.175         16       151.275         17       151.2         18       151.2125         19       151.225         20       151.2375         21       151.2625         22       151.2655         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.375         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.425         38       151.4625         39       151.475         41       151.5         42       151.525         43       151.525         44       151.5375         45       151.55         46       151.5375         47       151.575
13       151.16         14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.2125         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.375         27       151.325         28       151.375         29       151.3         26       151.375         29       151.375         30       151.3625         31       151.375         32       151.375         33       151.4         34       151.4125         35       151.42         36       151.425         37       151.45         38       151.425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.525         44       151.53         45       151.55
14       151.1625         15       151.175         16       151.1875         17       151.2         18       151.2125         19       151.225         20       151.2375         21       151.2625         23       151.275         24       151.2625         23       151.275         24       151.3265         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4725         35       151.425         36       151.4375         37       151.45         38       151.4625         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.55         44       151.55         45       151.55         46       151.55         47       151.57
15       151.175         16       151.1875         17       151.2         18       151.2125         19       151.225         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.375         29       151.35         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.475         35       151.425         36       151.4375         37       151.45         38       151.4625         39       151.475         40       151.455         41       151.5         42       151.55         43       151.55         44       151.575         45       151.55         46       151.5625         47       151.575         48       151.5875 </td
16       151.1875         17       151.2         18       151.2125         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3         21       151.325         28       151.3375         29       151.3         30       151.3625         31       151.375         32       151.425         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.425         39       151.455         40       151.5125         41       151.5         42       151.5125         43       151.525         44       151.55         45       151.55         46       151.5625         47       151.575
17       151.2         18       151.2125         20       151.2375         21       151.2625         23       151.2625         24       151.2625         25       151.3         26       151.3125         27       151.325         28       151.375         29       151.325         29       151.3625         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.465         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.55         44       151.53         45       151.55         46       151.55         45       151.55         46       151.575         47       151.575         48       151.5875         49       151.6
18       151.2125         19       151.225         20       151.2375         21       151.265         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.35         30       151.3625         31       151.3625         33       151.4         34       151.425         35       151.425         36       151.425         37       151.45         38       151.4625         39       151.475         40       151.475         41       151.5         42       151.55         43       151.525         44       151.55         46       151.5625         47       151.575         48       151.5875         49       151.6         49       151.6         50       151.6125
18       151.2125         19       151.225         20       151.2375         21       151.265         22       151.265         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3         30       151.3625         31       151.3625         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.4625         39       151.475         40       151.475         41       151.5         42       151.55         43       151.525         44       151.5375         45       151.55         46       151.5625         47       151.575         48       151.5875         49       151.6         49       151.6         49       151.6         50       151.6125
19       151.225         20       151.2375         21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3625         30       151.3625         31       151.375         32       151.3675         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.425         39       151.425         38       151.425         39       151.455         40       151.455         41       151.5         42       151.5125         43       151.525         44       151.535         45       151.55         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6     <
20       151.2375         21       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3625         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.475         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.525         44       151.53         45       151.55         46       151.625         47       151.575         48       151.5875         49       151.6         50       151.6125
21       151.25         22       151.2625         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3625         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.425         36       151.425         37       151.45         38       151.4625         39       151.475         40       151.475         41       151.5         42       151.55         43       151.525         44       151.55         46       151.5625         47       151.575         48       151.5875         48       151.5875         48       151.5875         49       151.6         50       151.6125
22       151.2825         23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.3         30       151.3625         31       151.375         32       151.375         33       151.4         34       151.4         34       151.4         34       151.4         35       151.425         36       151.425         37       151.45         38       151.425         39       151.475         40       151.5125         41       151.5         42       151.5125         43       151.525         44       151.55         46       151.56         47       151.575         48       151.5875         49       151.6         50       151.6         50       151.6
23       151.275         24       151.2875         25       151.3         26       151.3125         27       151.325         29       151.3375         29       151.3625         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.55         44       151.55         45       151.55         46       151.5625         47       151.575         48       151.5875         48       151.5875         49       151.6         50       151.6125
24       151.2875         25       151.3         26       151.3125         27       151.325         28       151.3375         29       151.35         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.4625         39       151.475         40       151.475         41       151.5         43       151.55         44       151.55         45       151.55         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6125
25         151.3           26         151.3125           27         151.325           28         151.3375           29         151.3625           30         151.3625           31         151.375           32         151.3875           33         151.4           34         151.425           35         151.425           36         151.425           37         151.45           38         151.425           39         151.475           40         151.475           40         151.475           41         151.5           42         151.5125           43         151.525           44         151.535           46         151.55           46         151.5625           47         151.575           48         151.5875           49         151.6           50         151.6           50         151.6
26       151.3125         27       151.325         28       151.3375         29       151.3625         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.55         44       151.55         45       151.55         46       151.55         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6125
27       151.325         28       151.3375         29       151.35         30       151.3625         31       151.375         32       151.3875         33       151.4         34       151.425         35       151.425         36       151.4375         37       151.45         38       151.4425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.525         44       151.55         46       151.5625         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6125
28         151.3375           29         151.3375           30         151.3825           31         151.375           32         151.3875           33         151.4           34         151.425           35         151.425           36         151.425           37         151.45           38         151.425           39         151.475           40         151.475           40         151.475           41         151.5           42         151.5125           43         151.525           44         151.53           46         151.5625           46         151.5625           47         151.575           48         151.5875           49         151.6           50         151.6           50         151.6           50         151.6125
29       151.36         30       151.375         31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475         40       151.475         41       151.5         42       151.5125         43       151.525         44       151.5376         45       151.55         46       151.5625         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6
30         151.3625           31         151.375           32         151.3875           33         151.4           34         151.4125           35         151.425           36         151.4375           37         151.425           38         151.4625           39         151.475           40         151.475           40         151.525           43         151.525           44         151.55           46         151.555           46         151.5625           46         151.5625           47         151.575           48         151.5875           49         151.6           50         151.6125
31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.4375         37       151.45         38       151.425         39       151.475         40       151.4875         41       151.5         42       151.5125         43       151.525         44       151.5375         46       151.5625         CHANNEL PLAN FOR 151 - 152.05MHz 2007         CHANNEL PLAN FOR 151 - 152.05MHz 2007         CHANNEL PLAN FOR 151 - 152.05MHz 2007         CHANG       SF         48       151.5875         49       151.6         50       151.6
31       151.375         32       151.3875         33       151.4         34       151.4125         35       151.425         36       151.425         37       151.45         38       151.425         39       151.475         40       151.4875         40       151.4875         41       151.5         43       151.525         44       151.5375         46       151.5625         CHANNEL PLAN FOR 151 - 152.05MHz 2007         CH. No.       SF         48       151.5875         48       151.5875         49       151.6         50       151.6
32     151.3875       33     151.4       34     151.4125       35     151.425       36     151.4375       37     151.45       38     151.4625       39     151.475       40     151.5       41     151.5       42     151.5125       43     151.525       44     151.5375       45     151.55       46     151.5625       CHANNEL PLAN FOR 151 - 152.05MHz 2007       CH. No.     SF       47     151.575       48     151.6875       49     151.6       50     151.6125
33     151.4       34     151.4125       35     151.425       36     151.4375       37     151.45       38     151.4625       39     151.475       40     151.4875       41     151.5       42     151.5125       43     151.525       44     151.55       45     151.55       46     151.6625       7     151.575       48     151.5875       48     151.6875       49     151.6       50     151.6125
34     151.4125       35     151.425       36     151.4375       37     151.45       38     151.4625       39     151.475       40     151.4875       41     151.5       43     151.525       44     151.5375       46     151.5625       CHANNEL PLAN FOR 151 - 152.05MHz 2007       CH. No.     SF       48     151.5875       49     151.6       50     151.6125
35         151.425           36         151.4375           37         151.45           38         151.4625           39         151.475           40         151.4875           41         151.5           42         151.5125           43         151.525           44         151.5375           45         151.55           46         151.5625           46         151.55           46         151.55           46         151.5625           47         151.575           48         151.5875           49         151.6           50         151.6125
36         151.4375           37         151.45           38         151.4625           39         151.475           40         151.4875           41         151.5           42         151.6125           43         151.525           44         151.55           46         151.5625           46         151.5625           47         151.575           48         151.5875           48         151.5875           49         151.6           50         151.6125
37     151.45       38     151.4625       39     151.475       40     151.4875       41     151.5       42     151.5125       43     151.525       44     151.5375       46     151.5625       CHANNEL PLAN FOR 151 - 152.05MHz 2007       CH. No.     SF       48     151.5875       48     151.6875       49     151.6       50     151.6125
38     151.4625       39     151.475       40     151.4875       41     151.5       42     151.5125       43     151.525       44     151.5375       45     151.5625       46     151.5625       47     151.575       48     151.5875       48     151.6875       49     151.6       50     151.6125
39         151.475           40         151.4875           41         151.5           42         151.5125           43         151.525           44         151.5375           44         151.5625           46         151.5625           46         151.5625           47         151.575           48         151.5875           48         151.5875           49         151.6           50         151.6125
40         151.4875           41         151.5           42         151.5125           43         151.525           44         151.5375           45         151.55           46         151.5625           47         151.575           48         151.575           48         151.5875           49         151.6           50         151.6
41         151.5           42         151.5125           43         151.525           44         151.5375           45         151.5625           46         151.5625           47         151.575           48         151.5875           48         151.6875           49         151.6           50         151.6125
42         151.5125           43         151.525           44         151.5375           45         151.55           46         151.562           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.         SF           48         151.5875           48         151.6           50         151.6125
43       151.525         44       151.5375         45       151.55         46       151.5625         46       151.5625         47       151.575         48       151.5875         49       151.6         50       151.6
44         151.5375           45         151.55           46         151.5625           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.         SF           47         151.575           48         151.5875           49         151.6           50         151.6125
45         151.55           46         151.5625           46         151.5625           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.           SF         REMARKS           47         151.575           48         151.6875           49         151.6           50         151.6125
46         151.5625           CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.         SF         REMARKS         S/Gr.           47         151.575         48         151.5875         49         151.6           49         151.61         50         151.6125         50         151.6125         50
CHANNEL PLAN FOR 151 - 152.05MHz 2007           CH. No.         SF         REMARKS         S/Gr.           47         151.575         48         151.6875         49         151.6         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         50         151.6125         50         151.6125         50         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         151.6125         50         50         151.6125         50         50         151.6125         50         50         151.6125         50
CH. No.         SF         REMARKS         S/Gr.           47         151.575         4         4         151.5875         4         4         151.6875         4         51.6         50         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         15
CH. No.         SF         REMARKS         S/Gr.           47         151.575         4         4         151.5875         4         4         151.6875         4         51.6         50         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         15
CH. No.         SF         REMARKS         S/Gr.           47         151.575         4         4         151.5875         4         4         151.6875         4         51.6         50         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         5         151.6125         5         15
47         151.575           48         151.5875           49         151.6           50         151.6125
48         151.5875           49         151.6           50         151.6125
49         151.6           50         151.6125
50 151.6125
51 151.625
52 151.6375
53 151.65
53         151.65           54         151.6625
53 151.65
53         151.65           54         151.6625           55         151.675           56         151.6875
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7           58         151.7125
53     151.65       54     151.6625       55     151.675       56     151.6875       57     151.7       58     151.7125       59     151.725
53         151.65           54         151.6625           55         151.675           56         151.8875           57         151.7           58         151.7125           59         151.7375
53         151.65           54         151.6625           55         151.675           56         151.8875           57         151.7           58         151.7125           59         151.7375           60         151.7375           61         151.75
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7           58         151.725           59         151.725           60         151.7375           61         151.7625
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         62       151.775         63       151.775
53       151.65         54       151.6625         55       151.675         56       151.8875         57       151.7         58       151.7125         59       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         63       151.775         64       151.7875         65       151.8         66       151.8125
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         63       151.775         64       151.7875         65       151.8         66       151.8125
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.7625         63       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375         69       151.85
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         62       151.775         63       151.775         64       151.825         65       151.825         66       151.825         67       151.825         68       151.8375         69       151.85         70       151.8625
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.725         59       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375         69       151.85         70       151.8625         71       151.875
53 $151.65$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.725$ $60$ $151.725$ $61$ $151.725$ $63$ $151.725$ $63$ $151.725$ $64$ $151.7875$ $64$ $151.7875$ $66$ $151.8125$ $67$ $151.825$ $69$ $151.8375$ $69$ $151.825$ $70$ $151.8625$ $71$ $151.875$ $72$ $151.8875$
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53 $151.66$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.75$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.825$ $68$ $151.8375$ $69$ $151.825$ $68$ $151.8375$ $70$ $151.8825$ $71$ $151.875$ $72$ $151.8875$ $72$ $151.9$ $74$ $151.9125$
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53 $161.65$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.75$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.8125$ $67$ $151.825$ $68$ $151.8375$ $69$ $151.825$ $68$ $151.8375$ $70$ $151.825$ $71$ $151.875$ $72$ $151.8875$ $73$ $151.9$ $74$ $151.9125$ $76$ $151.9375$
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53 $151.662$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.75$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.825$ $68$ $151.825$ $68$ $151.8375$ $69$ $151.85$ $70$ $151.8825$ $71$ $151.875$ $72$ $151.875$ $73$ $151.9$ $74$ $151.925$ $75$ $151.925$ $76$ $151.9375$ $77$ $151.925$
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53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.825         67       151.825         68       151.8375         69       151.85         70       151.8625         71       151.875         72       151.875         73       151.9         74       151.915         75       151.925         76       151.925         77       151.925         78       151.925         79       151.925         79       151.925         79       151.925         78       151.925         79       151.925         79       151.925         79       151.925         79       151.925         79       151.925     <
53 $151.6625$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.7$ $58$ $151.7125$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.725$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.8125$ $66$ $151.825$ $68$ $151.8375$ $69$ $151.875$ $70$ $151.8875$ $71$ $151.875$ $72$ $151.8875$ $73$ $151.9$ $74$ $151.9125$ $76$ $151.9375$ $77$ $151.95$ $78$ $151.9625$ $79$ $151.9875$ $79$ $151.9875$ $80$ $151.9875$ $81$ $152$
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.825         67       151.825         68       151.8375         69       151.85         70       151.8625         71       151.875         72       151.875         73       151.9         74       151.915         75       151.925         76       151.925         77       151.925         78       151.925         79       151.925         79       151.925         79       151.925         78       151.925         79       151.925         79       151.925         79       151.925         79       151.925         79       151.925     <
52 151.6375
53 151.65
53         151.65           54         151.6625
53         151.65           54         151.6625           55         151.675
53         151.65           54         151.6625           55         151.675           56         151.6875
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7           58         151.7125
53     151.65       54     151.6625       55     151.675       56     151.6875       57     151.7       58     151.7125       59     151.725
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7           58         151.7125           59         151.7375           60         151.7375           61         151.75
53         151.65           54         151.6625           55         151.675           56         151.6875           57         151.7           58         151.725           59         151.725           60         151.7375           61         151.7625
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         62       151.775         63       151.775
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         62       151.775         64       151.7875
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.725         59       151.7375         60       151.735         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         63       151.775         64       151.7875         65       151.8
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.725         59       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.7         58       151.7125         59       151.725         60       151.7375         61       151.75         63       151.775         64       151.7875         65       151.8         66       151.825         67       151.825         68       151.8375         69       151.85         70       151.8625
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.725         59       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375         69       151.85         70       151.8625         71       151.875
53       151.65         54       151.6625         55       151.675         56       151.6875         57       151.725         59       151.725         60       151.7375         61       151.75         62       151.7625         63       151.775         64       151.7875         65       151.8         66       151.8125         67       151.825         68       151.8375         69       151.85         70       151.8625         71       151.875
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
53 $151.662$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.75$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.825$ $68$ $151.825$ $68$ $151.8375$ $69$ $151.85$ $70$ $151.8825$ $71$ $151.875$ $72$ $151.8875$ $72$ $151.9$ $74$ $151.9125$
53 $151.66$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.7$ $58$ $151.7125$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.725$ $63$ $151.775$ $64$ $151.7875$ $66$ $151.8$ $66$ $151.825$ $67$ $151.825$ $68$ $151.8375$ $69$ $151.875$ $70$ $151.8625$ $71$ $151.875$ $72$ $151.8875$ $73$ $151.9$ $74$ $151.925$
53 $151.65$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.77$ $58$ $151.7125$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.725$ $63$ $151.775$ $64$ $151.7875$ $64$ $151.7875$ $66$ $151.8125$ $66$ $151.825$ $68$ $151.8375$ $69$ $151.8375$ $70$ $151.825$ $70$ $151.885$ $70$ $151.8875$ $72$ $151.8875$ $73$ $151.9$ $74$ $151.925$
53 $161.65$ $54$ $151.6625$ $55$ $151.675$ $56$ $151.6875$ $57$ $151.725$ $59$ $151.725$ $60$ $151.7375$ $61$ $151.75$ $62$ $151.7625$ $63$ $151.775$ $64$ $151.7875$ $65$ $151.8$ $66$ $151.8125$ $67$ $151.825$ $68$ $151.8375$ $69$ $151.825$ $68$ $151.8375$ $70$ $151.825$ $71$ $151.875$ $72$ $151.8875$ $73$ $151.9$ $74$ $151.9125$ $76$ $151.9375$

Page 138/198

### **1.3.2** Licensing information for the applicable frequency allocation

There are 5 516 Licenses issued in this band for different single frequency devices

### **1.3.3** Areas where licensed frequencies are operational.



No. 41854 445

Page 139/198

# 1.4 Applicable Frequency Allocation and Band information 156.4785 to 156.5625 MHz

156.4785 MHz to 156.5625 MHz

MARITIME MOBILE (distress and calling DCS)

FIXED

LAND MOBILE

Maritime mobile distress, safety and calling frequency 156.525 MHz for maritime mobile VHF radio telephone service using DSC

The bands 156.4875 to 156.5125 MHz and 156.5375 to 156.5625 MHz may also be used for land mobile services while protecting the maritime mobile service. Single frequency mobile (156.375 to 156.7625)

Page 140/198

### 1.4.1 Channel Plan for the Frequency Allocation

### (Mobile 3) HIGH-BAND DUPLEX FREQUENCIES CHANNEL PLAN FOR 156 - 156.875 160.6 - 160.975MHz 2007 (12.5kHz)

CHANNEL No. 1 2 3 4 5 6	BTX 156 156.025 156.05 156.075 156.1 156.125 156.15 456.475	<u>MTX</u> 160.6 160.625 160.65 160.675 160.7 160.725 160.75	REMARKS MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3	S/GRADE	
2 3 4 5	156.025 156.05 156.075 156.1 156.125 156.15	160.625 160.65 160.675 160.7 160.725	MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3		
2 3 4 5	156.025 156.05 156.075 156.1 156.125 156.15	160.625 160.65 160.675 160.7 160.725	MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3		
3 4 5	156.05 156.075 156.1 156.125 156.15	160.65 160.675 160.7 160.725	MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3		
4 5	156.075 156.1 156.125 156.15	160.675 160.7 160.725	MARITIME SEE ITU AP 18-3 MARITIME SEE ITU AP 18-3		
5	156.1 156.125 156.15	160.7 160.725	MARITIME SEE ITU AP 18-3		
	156.125 156.15	160.725			
6	156.15				
		160 75	MARITIME SEE ITU AP 18-3		
7	150 175	100.75	MARITIME SEE ITU AP 18-3		
8	156.175	160.775	MARITIME SEE ITU AP 18-3		
9	156.2	160.8	MARITIME SEE ITU AP 18-3		
10	156.225	160.825	MARITIME SEE ITU AP 18-3		
11	156.25	160.85	MARITIME SEE ITU AP 18-3		
12	156.275	160.875	MARITIME SEE ITU AP 18-3		
13	156.3	160.9	MARITIME SEE ITU AP 18-3		
14	156.325	160.925	MARITIME SEE ITU AP 18-3		
15	156.35	160.95	MARITIME SEE ITU AP 18-3		
16	156.375		MARITIME SEE ITU AP 18-3		
17	156.4		MARITIME SEE ITU AP 18-3		
18	156.425		MARITIME SEE ITU AP 18-3		
19	156.45		MARITIME SEE ITU AP 18-3		
20	156.475		MARITIME SEE ITU AP 18-3		
21	156.5		MARITIME SEE ITU AP 18-3		
22	156.525		MARITIME SEE ITU AP 18-3		
23	156.55		MARITIME SEE ITU AP 18-3		
24	156.575		MARITIME SEE ITU AP 18-3		
25	156.6		MARITIME SEE ITU AP 18-3		
26	156.625		MARITIME SEE ITU AP 18-3		
27	156.65		MARITIME SEE ITU AP 18-3		
28	156.675		MARITIME SEE ITU AP 18-3		
29	156.7		MARITIME SEE ITU AP 18-3		
30	156.725		MARITIME SEE ITU AP 18-3		
31	156.75		MARITIME SEE ITU AP 18-3		
32	156.7625		MARITIME SEE ITU AP 18-3		
33	156.7875		MARITIME SEE ITU AP 18-3		
34	156.8		MARITIME SEE ITU AP 18-3		
35	156.825		MARITIME SEE ITU AP 18-3		
36	156.8375		MARITIME SEE ITU AP 18-3		
30	156.8625		MARITIME SEE ITU AP 18-3	+	

### 1.4.2 Licensing information for the applicable frequency allocation

There are 21 Licenses issued in this band for both BTX and MTX as well as single frequency devices

No. 41854 447

Page 141/198



### 1.4.3 Areas where licensed frequencies are operational.

Page 142/198

## 1.5 Applicable Frequency Allocation and Band information 380 MHz to 400 MHz

Frequency Band under investigation 380 MHz to 400 MHz

### 388 to 390 MHz MOBILE

Mobile-Satellite (space to Earth) PMR and/or PAMR

Frequency Sub bands

### Pairings

Mobile 1 MTX 380 – 387 MHz paired with BTX 390 to 397 MHz (Digital Trunking) Mobile 2 MTX 387 – 390 MHz paired with BTX 397 to 399.9 MHz (PMR and/or PAMR)

### 390 to 399.9 MHz

MOBILE

Emergency: 390 to 397 MHz paired with 380 to 387 (PPDR)

Government Services – PMR and/or PAMR: 397 to 399.9 MHz paired with 387 to 390 MHz

No. 41854 449

Page 143/198

TRA TR		ERGENCY) WI	TH 23KHZ.
			380-389.9875MHz 2006 REMARKS
0 CH. No.	BTX 390	MTX 380	REMARKS
1	390.025	380.025	SAPS DMO 1
2	390.05	380.05 380.075	
3	<u>390.075</u> 390.1	380.075	SAPS DMO 1
5	390.125	380.125	SAPS DMO 1
6	390.15	380.15	
8	390.175 390.2	380.175 380.2	SAPS DMO 1
9	390.225	380.225	SAPS DMO 1
10 11	390.25 390.275	380.25 380.275	SAPS DMO 1
12	390.3	380.3	SAFS DIVID 1
13	390.325	380.325	SAPS DMO 1
14 15	390.35 390.375	380.35 380.375	SAPS DMO 1
16	390.4	380.4	
17	390.425	380.425	SAPS DMO 1
18 19	390.45 390.475	380.45 380.475	SAPS DMO 1
20	390.5	380.5	TETRA SAPS
21	390.525	380.525	TETRA SAPS
22	390.55 390.575	380.55 380.575	TETRA SAPS TETRA SAPS
24	390.6	380.575	TETRA SAPS
25	390.625	380.625	TETRA SAPS
26	390.65	380.65	TETRA SAPS
27 28	390.675 390.7	380.675 380.7	TETRA SAPS TETRA SAPS
29	390.725	380.725	TETRA SAPS
30	390.75	380.75	TETRA SAPS
31 32	390.775 390.8	380.775 380.8	TETRA SAPS TETRA SAPS
33	390.825	380.825	TETRA SAPS
34	390.85	380.85	TETRA SAPS
35	<u>390.875</u> 390.9	380.875	TETRA SAPS
36 37	390.925	380.9 380.925	TETRA SAPS TETRA SAPS
38	390.95	380.95	TETRA SAPS
39	390.975	380.975	TETRA SAPS TETRA SAPS
40 41	391 391.025	381 381.025	TETRA SAPS
42	391.05	381.05	TETRA SAPS
	391.075	381.075	
43	391.075	361.075	TETRA SAPS
43 CH. No.	BTX	MTX	REMARKS
CH. No.	BTX	MTX	REMARKS
CH. No. H PLAI	BTX	мтх -399.9875_	REMARKS 380-389.9875MHz 2006
CH. No. H PLAI CH. No.	BTX N FOR 390 BTX	мтх -399.9875_ мтх	REMARKS 380-389.9875MHz 2006 REMARKS
CH. No. H PLAI	BTX	мтх -399.9875_	REMARKS 380-389.9875MHz 2006
CH. No. H PLA CH. No. 45 46 47	BTX N FOR 390 BTX 391.1 391.125 391.15	MTX -399.9875_ MTX 381.1 381.125 381.15	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. H PLA CH. No. 45 46 47 48	BTX N FOR 390 BTX 391.1 391.125 391.15 391.175	MTX -399.9875_ MTX 381.1 381.125 381.15 381.175	REMARKS 380-389.9875MHz 2006 TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. H PLA CH. No. 45 46 47	BTX N FOR 390 BTX 391.1 391.125 391.15	MTX -399.9875_ MTX 381.1 381.125 381.15	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. HPLA CH. No. 45 46 47 48 49 50 51	BTX BTX 391.1 391.125 391.15 391.175 391.22 391.225 301.25	MTX -399.9875_ MTX 381.1 381.125 381.15 381.175 381.25 381.225 381.25	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No.           HPLA           CH. No.           45           46           47           48           49           50           51           52	BTX BTX BTX 391.1 391.125 391.15 391.27 391.225 391.275	MTX -399.9875_ MTX 381.1 381.12 381.15 381.2 381.2 381.2 381.25 381.25	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. H PLA CH. No. 45 46 47 48 49 50 51 52 53	BTX BTX 391.1 391.125 391.125 391.125 391.175 391.2 391.225 391.275 391.3	MTX -399.9875 MTX 381.125 381.125 381.175 381.25 381.25 381.275 381.3	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. H PLA 45 46 47 48 49 50 51 52 53 52 53 54 55	BTX BTX 391.1 391.125 391.125 391.125 391.25 391.225 391.225 391.275 391.3 391.35	MTX -399.9875 MTX 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.25 381.325 381.35	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS
H PLA H No. 45 46 47 48 49 50 51 52 53 54 55 55 56	BTX BTX BTX 391.1 391.125 391.225 391.22 391.225 391.25 391.25 391.25 391.35 391.375	MTX -399.9875_ MTX 381.1 381.125 381.125 381.25 381.25 381.275 381.275 381.3 381.35 381.35 381.35	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS
CH. No. H PLA 45 46 47 48 49 50 51 52 53 52 53 54 55	BTX BTX BTX 391.1 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.4	MTX -399.9875_ MTX 381.1 381.125 381.125 381.25 381.25 381.325 381.35 381.35 381.35 381.34	REMARKS 380-389.98755MHz 2006 RETRA SAPS TETRA SAPS
CH. No. HPLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 53 54 55 56 57 58 59	BTX BTX BTX 391.1 391.125 391.15 391.25 391.25 391.25 391.275 391.32 391.325 391.325 391.375 391.375 391.45	MTX -399.9875 MTX 381.125 381.15 381.15 381.25 381.25 381.275 381.325 381.325 381.34 381.325 381.34 381.325 381.34 381.425 381.45	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
H PLA H PLA H. No. 45 46 47 48 49 50 51 52 53 54 55 55 56 55 55 56 57 58 59 60	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.35 391.35 391.45 391.45 391.475	MTX -399.9875 MTX 381.125 381.125 381.125 381.25 381.25 381.25 381.325 381.35 381.375 381.4 381.425 381.475	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
CH. No. H PLA H. No. 45 46 47 48 49 50 51 52 53 53 54 55 55 56 57 58 59 60 61	BTX BTX BTX 391.1 391.125 391.15 391.25 391.25 391.25 391.275 391.32 391.325 391.325 391.375 391.375 391.45	MTX -399.9875 MTX 381.125 381.15 381.15 381.25 381.25 381.275 381.325 381.325 381.325 381.34 381.425 381.45 381.45 381.45 381.45	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
H PLA H PLA H. No. 45 46 47 48 49 50 51 52 53 54 55 55 56 55 55 56 57 58 59 60	BTX BTX BTX 391.1 391.125 391.125 391.225 391.225 391.225 391.25 391.375 391.375 391.375 391.425 391.425 391.425 391.425 391.425 391.55	MTX -399.9875 MTX 381.125 381.125 381.125 381.25 381.275 381.275 381.275 381.275 381.35 381.35 381.35 381.45 381.475 381.45 381.55	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
H PLA H PLA H PLA H No. 46 47 48 49 50 51 52 53 53 54 55 55 55 55 56 55 57 58 59 60 61 62 63 64	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.325 391.45 391.45 391.45 391.55 391.555	MTX -399.9875_ MTX 381.125 381.125 381.125 381.25 381.26 381.26 381.275 381.32 381.325 381.34 381.34 381.425 381.45 381.45 381.525 381.575	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA CH. No. 45 46 47 48 49 50 51 51 52 53 54 55 55 56 57 55 56 57 55 56 57 58 60 60 61 62 63 64 65	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.35 391.425 391.425 391.475 391.475 391.525 391.575 391.6	MTX -399.9875 MTX 381.12 381.125 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.425 381.425 381.45 381.55 381.55 381.575 381.6	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
H PLA H PLA H PLA H No. 46 47 48 49 50 51 52 53 53 54 55 55 55 55 56 55 57 58 59 60 61 62 63 64	BTX BTX BTX 391.1 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.375 391.4 391.45 391.45 391.55 391.55 391.625	MTX -399.9875 MTX 381.125 381.125 381.125 381.23 381.25 381.275 381.275 381.325 381.325 381.35 381.45 381.45 381.45 381.525 381.55 381.575 381.625 381.625	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
H PLA H PLA H No. 46 47 48 49 50 51 52 53 54 55 56 56 56 56 56 56 56 56 56 66 61 62 63 66 66 67 68	BTX BTX BTX 391.1 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.325 391.375 391.375 391.4 391.45 391.45 391.45 391.55 391.55 391.65 391.625 391.625 391.675	MTX -399.9875 MTX 381.125 381.125 381.125 381.23 381.25 381.275 381.275 381.275 381.325 381.325 381.35 381.45 381.45 381.45 381.525 381.575 381.65 381.675	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 69	BTX BTX 391.1 391.125 391.125 391.125 391.22 391.25 391.25 391.25 391.25 391.3 391.325 391.3 391.35 391.475 391.475 391.425 391.45 391.425 391.525 391.525 391.525 391.525 391.65 391.65 391.675 391.7	MTX -399.9875 MTX 381.125 381.125 381.125 381.25 381.25 381.25 381.32 381.325 381.35 381.37 381.475 381.475 381.45 381.455 381.575 381.65 381.675 381.675 381.75	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS
H PLA H PLA H No. 46 47 47 48 49 50 51 52 53 54 55 55 56 56 57 58 56 57 58 59 60 61 62 63 64 66 66 66 66 68 69 70	BTX BTX BTX 391.1 391.125 391.15 391.25 391.25 391.25 391.275 391.32 391.32 391.32 391.375 391.42 391.425 391.42 391.45 391.45 391.55 391.55 391.65 391.675 391.675 391.725	MTX -399.9875 MTX 381.125 381.125 381.125 381.23 381.25 381.275 381.275 381.275 381.325 381.325 381.35 381.45 381.45 381.45 381.525 381.575 381.65 381.675	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA 46 47 46 47 48 49 50 51 51 52 53 54 55 55 55 56 57 56 57 56 60 61 62 66 63 64 65 66 66 67 68 69 70 71 72	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.35 391.425 391.425 391.475 391.65 391.65 391.65 391.65 391.65 391.75 391.75	MTX MTX MTX 381.125 381.15 381.125 381.25 381.25 381.275 381.275 381.325 381.325 381.325 381.345 381.45 381.45 381.45 381.45 381.575 381.675 381.675 381.725 381.775 381.	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
H PLA H PLA H PLA H No. 46 47 48 49 50 51 52 53 53 54 55 55 55 55 56 63 64 64 62 63 64 65 66 64 66 66 67 71 72 73	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.325 391.45 391.45 391.45 391.45 391.525 391.625 391.625 391.675 391.675 391.675 391.75 391.75 391.75 391.75 391.75 391.75	MTX MTX 381.1 381.125 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.325 381.325 381.35 381.45 381.45 381.45 381.455 381.555 381.625 381.625 381.675 381.8 381.8	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA 46 47 46 47 48 49 50 51 51 52 53 54 55 55 55 56 57 56 57 56 60 61 62 66 63 64 65 66 66 67 68 69 70 71 72	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.35 391.35 391.425 391.425 391.425 391.525 391.525 391.525 391.625 391.65 391.65 391.75 391.75 391.75 391.825	MTX MTX 381.12 381.125 381.125 381.25 381.25 381.25 381.32 381.325 381.32 381.325 381.35 381.34 381.425 381.425 381.455 381.525 381.65 381.65 381.65 381.675 381.775 381.825 381.825	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. H PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 55 56 57 58 59 60 61 62 63 64 65 66 66 66 66 67 70 71 72 73 74	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.325 391.33 391.35 391.475 391.475 391.475 391.525 391.575 391.65 391.65 391.65 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.85 391.825 391.825 391.875	MTX MTX 381.12 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.325 381.32 381.375 381.4 381.425 381.45 381.45 381.45 381.65 381.65 381.675 381.675 381.675 381.77 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.85 381.875	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
H PLA H PLA H No. 46 47 47 48 49 50 51 52 53 54 55 56 56 56 56 56 56 56 66 66 61 62 63 66 66 66 66 66 66 67 71 72 73 74 75 76 77	BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.375 391.375 391.4 391.45 391.45 391.45 391.55 391.55 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.85 391.85 391.85 391.85 391.875	MTX -399.9875 MTX 381.125 381.125 381.125 381.23 381.25 381.275 381.275 381.275 381.325 381.35 381.35 381.45 381.45 381.45 381.45 381.675 381.675 381.675 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.85	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA 24. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 56 60 61 62 63 64 65 66 66 66 67 68 69 70 71 72 73 74 76 77 78	BTX BTX BTX 391.1 391.125 391.125 391.125 391.22 391.22 391.22 391.25 391.25 391.25 391.3 391.3 391.3 391.3 391.3 391.3 391.45 391.45 391.45 391.525 391.625 391.625 391.675 391.77 391.77 391.77 391.77 391.77 391.77 391.75 391.77 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.8 391.85 391.85 391.875 391.925	MTX MTX 381.1 381.125 381.125 381.125 381.2 381.25 381.25 381.25 381.35 381.35 381.35 381.45 381.475 381.45 381.455 381.455 381.625 381.625 381.675 381.77 381.77 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.875 381.875 381.85 381.855 381.9555 381.9555 381.9555 381.9555 381.9555 381.9555 381.9555 3	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
H PLA H PLA H No. 46 47 48 49 50 51 52 53 54 55 55 56 56 56 57 58 56 57 58 60 61 62 63 64 66 66 66 66 66 67 71 72 73 74 77 77 78 79	BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.375 391.375 391.4 391.45 391.45 391.45 391.55 391.55 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.85 391.85 391.85 391.85 391.875	MTX -399.9875 MTX 381.125 381.125 381.125 381.125 381.25 381.25 381.275 381.275 381.325 381.325 381.35 381.35 381.45 381.45 381.45 381.675 381.675 381.675 381.675 381.675 381.775 381.875 381.975	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA 24. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 56 60 61 62 63 64 65 66 66 66 67 68 69 70 71 72 73 74 76 77 78	BTX BTX BTX 391.1 391.125 391.175 391.25 391.25 391.25 391.25 391.32 391.32 391.375 391.375 391.375 391.4 391.425 391.45 391.45 391.55 391.55 391.55 391.675 391.675 391.675 391.675 391.675 391.725 391.725 391.825 391.825 391.825 391.825 391.95	MTX MTX 381.1 381.125 381.125 381.125 381.2 381.25 381.25 381.25 381.35 381.35 381.35 381.45 381.475 381.45 381.455 381.455 381.625 381.625 381.675 381.77 381.77 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.875 381.875 381.85 381.855 381.9555 381.9555 381.9555 381.9555 381.9555 381.9555 381.9555 3	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET
CH. No. H PLA H PLA 46 47 48 49 50 51 52 53 54 55 56 57 58 55 56 60 61 62 63 64 65 66 67 71 72 73 74 75 76 77 78 79 80 81 82	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.35 391.45 391.45 391.45 391.45 391.45 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.75 391.75 391.75 391.75 391.85 391.85 391.85 391.85 391.9 391.95 391.95 391.975 391.975 392.025	MTX MTX 381.1 381.125 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.32 381.325 381.35 381.45 381.45 381.45 381.45 381.55 381.575 381.575 381.625 381.625 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.85 381.85 381.85 381.85 381.875 381.975 382.025 382.025 382.025 383.025 3	REMARKS         380-389.9875MHz 2006         IETRA SAPS
CH. No. H PLA 24. No. 45 46 47 48 49 50 51 52 53 54 55 55 57 57 57 57 57 57 57 57	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.25 391.325 391.325 391.35 391.35 391.475 391.475 391.475 391.475 391.525 391.575 391.65 391.65 391.65 391.65 391.65 391.775 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.85 391.875 391.875 391.925 391.975 391.975 391.975 391.975 391.975 391.975 391.975 391.975 391.975 391.975 392 392.025	MTX MTX 381.12 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.425 381.45 381.45 381.45 381.45 381.45 381.65 381.65 381.675 381.675 381.675 381.675 381.775 381.775 381.775 381.775 381.775 381.85 381.875 381.9 381.975 382.0555 382.0555 382.0555 382.0555 382.0555 382.0555 382.05	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETRA SAPS      <
CH. No. H PLA 46 47 46 47 48 49 50 51 52 53 54 55 56 55 56 57 58 56 57 58 56 66 67 68 69 70 71 72 73 73 74 75 76 77 78 79 80 81 82 83 84	BTX BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.35 391.45 391.45 391.45 391.45 391.45 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.675 391.75 391.75 391.75 391.75 391.85 391.85 391.85 391.85 391.9 391.95 391.95 391.975 391.975 392.025	MTX MTX 381.125 381.125 381.125 381.125 381.23 381.25 381.25 381.25 381.25 381.325 381.325 381.35 381.35 381.45 381.45 381.45 381.45 381.55 381.575 381.675 381.675 381.675 381.675 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.85 381.85 381.85 381.875 381.875 381.975 381.975 382.05 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 382.075 381.075 382.075 38	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETRA SAPS      <
H PLA H PLA H No. 46 47 47 48 49 50 51 52 53 54 55 55 56 55 56 56 57 58 56 60 61 62 63 63 66 66 66 66 66 67 71 72 73 74 75 76 76 77 78 79 80 81 82 83 84 84 86	BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.375 391.375 391.4 391.425 391.45 391.45 391.45 391.55 391.55 391.675 391.625 391.675 391.675 391.675 391.625 391.675 391.625 391.675 391.83 391.85 391.85 391.85 391.85 391.95 391.95 392.05 392.05 392.075 392.125	MTX MTX 381.1 381.125 381.125 381.125 381.23 381.25 381.25 381.25 381.325 381.35 381.35 381.45 381.45 381.45 381.45 381.45 381.45 381.55 381.55 381.65 381.65 381.625 381.625 381.625 381.625 381.85 381.95 382.05 382.05 382.15 382.1555 382.1555 382.1555 382.1555 382.1555 382.1555 382.1	REMARKS         REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETRA S
CH. No. H PLA 24. No. 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58 59 56 61 62 63 64 65 66 66 66 66 66 67 68 66 66 67 70 71 72 73 74 75 77 77 78 79 80 81 82 83 84 85 85 87 87 87 87 87 87 87 87 87 87	BTX BTX BTX 391.1 391.125 391.125 391.125 391.225 391.225 391.225 391.225 391.33 391.32 391.32 391.32 391.32 391.33 391.45 391.45 391.45 391.45 391.45 391.525 391.625 391.675 391.675 391.675 391.675 391.675 391.775 391.8 391.825 391.85 391.825 391.825 391.825 391.925 392.025 392.025 392.15	MTX MTX 381.1 381.125 381.125 381.125 381.25 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.45 381.475 381.475 381.45 381.455 381.455 381.625 381.625 381.625 381.675 381.77 381.77 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.875 381.875 381.81.875 381.81.875 381.81.95 381.81.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 381.95 382.025 382.025 382.15 3	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETRA SAPS      <
H PLA H PLA H No. 46 47 47 48 49 50 51 52 53 54 55 55 56 55 56 56 57 58 56 60 61 62 63 63 66 66 66 66 66 67 71 72 73 74 75 76 76 77 78 79 80 81 82 83 84 84 86	BTX BTX 391.1 391.125 391.125 391.125 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.375 391.375 391.4 391.425 391.45 391.45 391.45 391.55 391.55 391.675 391.625 391.675 391.675 391.675 391.625 391.675 391.625 391.675 391.83 391.85 391.85 391.85 391.85 391.95 391.95 392.05 392.05 392.075 392.125	MTX MTX 381.1 381.125 381.125 381.125 381.23 381.25 381.25 381.25 381.325 381.35 381.35 381.45 381.45 381.45 381.45 381.45 381.45 381.55 381.55 381.65 381.65 381.625 381.625 381.625 381.625 381.85 381.95 382.05 382.05 382.15 382.1555 382.1555 382.1555 382.1555 382.1555 382.1555 382.1	REMARKS         380-389.98755MHz 2006         REMARKS         TETRA SAPS         TET

### **1.5.1** Channel Plan for the Frequency Allocation

### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 144/198

CH. No. 90	BTX 392.225	MTX 382.225	_380-389.9875MHz 2006 
90	392.225	382.25	TETRA SAPS
92	392.275	382.275	TETRA SAPS
93	392.3	382.3	TETRA SAPS
94	392.325	382.325	TETRA SAPS
95 96	392.35 392.375	382.35 382.375	TETRA SAPS TETRA SAPS
97	392.4	382.4	TETRA SAPS
98	392.425	382.425	TETRA SAPS
99	392.45	382.45	TETRA SAPS
100	392.475	382.475	TETRA SAPS
101	392.5	382.5 382.525	TETRA SAPS TETRA SAPS
102	<u>392.525</u> 392.55	382.55	TETRA SAPS
104	392.575	382.575	TETRA SAPS
105	392.6	382.6	TETRA SAPS
106	392.625	382.625	TETRA SAPS
107	392.65	382.65	TETRA SAPS
108 109	392.675 392.7	382.675 382.7	TETRA SAPS TETRA SAPS
110	392.725	382.725	TETRA SAPS
111	392.75	382.75	TETRA SAPS
112	392.775	382.775	TETRA SAPS
113	392.8	382.8	TETRA SAPS
114	392.825	382.825	TETRA SAPS
115 116	392.85	382.85	TETRA SAPS TETRA SAPS
116	<u>392.875</u> 392.9	382.875 382.9	TETRA SAPS
118	392.925	382.925	TETRA SAPS
119	392.95	382.95	TETRA SAPS
120	392.975	382.975	TETRA SAPS
121	393	383	TETRA SAPS
122 123	393.025 393.05	383.025 383.05	TETRA SAPS TETRA SAPS
123	393.05	383.05	TETRA SAPS
124	393.1	383.1	TETRA SAPS
126	393.125	383.125	TETRA SAPS
127	393.15	383.15	TETRA SAPS
128	393.175	383.175	TETRA SAPS
129 130	393.2 393.225	383.2 383.225	TETRA SAPS TETRA SAPS
130	393.225	383.25	TETRA SAPS
132	393.275	383.275	TETRA SAPS
133	393.3	383.3	TETRA SAPS
134	393.325	383.325	TETRA SAPS
135			
CH. No.	393.35 BTX	383.35 MTX	TETRA SAPS REMARKS
CH. No.		MTX	REMARKS _380-389.9875MHz 2006 
CH. No. CH PLAI CH. No. 136	BTX N FOR 390 BTX 393.375	MTX -399.9875 MTX 383.375	REMARKS _380-389.9875MHz 2006 
CH. No. CH PLAI CH. No. 136 137	BTX N FOR 390 BTX 393.375 393.4	MTX -399.9875 MTX 383.375 383.4	REMARKS _380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138	BTX N FOR 390 BTX 393.375 393.4 393.425	MTX -399.9875 MTX 383.375 383.4 383.425	REMARKS _380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137	BTX N FOR 390 BTX 393.375 393.4	MTX -399.9875 MTX 383.375 383.4	REMARKS _380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141	BTX NFOR 3900 BTX 393.375 393.4 393.425 393.45 393.475 393.475 393.5	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.475 383.5	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH. PLAN CH. No. 136 137 138 139 140 141 141	BTX NFOR 3900 BTX 393.375 393.425 393.425 393.45 393.475 393.5 393.5	MTX -399.9875 383.375 383.4 383.425 383.45 383.45 383.5 383.5 383.525	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143	BTX <b>N FOR 390</b> BTX 393.375 393.425 393.425 393.475 393.45 393.55	MTX -399.9875 383.475 383.425 383.45 383.475 383.45 383.525 383.525	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.57 393.55 393.575	MTX -399.9875 383.475 383.45 383.45 383.45 383.57 383.55 383.55 383.575	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143	BTX <b>N FOR 390</b> BTX 393.375 393.425 393.425 393.475 393.45 393.55	MTX -399.9875 383.475 383.425 383.45 383.475 383.45 383.525 383.525	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 145	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.525 393.525 393.575 393.6	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.575 383.6	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS TETRA SAPS
CH. No. CH PLAN CH. No. 136 137 138 139 140 141 142 143 144 145 146 147 148	BTX BTX 393.375 393.4 393.425 393.45 393.45 393.525 393.525 393.525 393.55 393.675 393.675	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.525 383.575 383.65 383.625 383.675	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.57 393.55 393.575 393.625 393.625 393.625 393.625 393.675 393.675 393.675 393.675 393.7	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.55 383.55 383.55 383.55 383.65 383.65 383.65 383.65 383.675 383.75	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
CH. No. CH PLAI CH. No. 137 138 137 139 140 141 142 143 144 145 146 147 148 149 149 147 148 149 149 149 147 148 149 149 149 145 146 147 148 145 145 145 145 145 145 145 145	BTX BTX BTX 393.375 393.42 393.425 393.425 393.45 393.525 393.525 393.525 393.525 393.65 393.65 393.65 393.65 393.65 393.75 393.75	MTX -399.9875 383.45 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.67 383.67 383.725	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 145 146 147 148 149	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.57 393.55 393.575 393.625 393.625 393.625 393.625 393.675 393.675 393.675 393.675 393.7	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.675 383.625 383.675 383.675 383.675 383.75	REMARKS 380-389.9875MHz 2006 REMARKS TETRA SAPS
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 151	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.525 393.525 393.525 393.575 393.65 393.65 393.675 393.725 393.725 393.725	MTX -399.9875 383.45 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.67 383.67 383.725	REMARKS         380-389.9875MHz 2006         REMARKS         TEITRA SAPS         TEITRA SAPS
CH. No. CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX 393.45 393.45 393.45 393.45 393.45 393.525 393.55 393.55 393.55 393.625 393.625 393.625 393.675 393.675 393.77 393.75 393.75 393.75 393.75 393.75 393.825	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.525 383.525 383.55 383.65 383.65 383.65 383.675 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 137 139 140 141 142 143 144 144 145 146 147 148 147 149 150 151 152 155	BTX BTX BTX 393.375 393.42 393.425 393.45 393.45 393.45 393.525 393.575 393.65 393.625 393.625 393.65 393.65 393.775 393.75 393.75 393.75 393.75 393.85	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.65 383.525 383.55 383.575 383.65 383.675 383.675 383.675 383.775 383.775 383.775 383.775 383.75 383.83.85	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. 136 137 138 139 140 141 142 144 145 144 145 146 147 146 147 148 148 149 150 151 153 154 155 156	BTX BTX BTX 393.475 393.4 393.425 393.425 393.475 393.475 393.57 393.575 393.575 393.625 393.625 393.675 393.775 393.75 393.75 393.875 393.85 393.85 393.875	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.65 383.65 383.675 383.675 383.77 383.77 383.775 383.775 383.87 383.875	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 144 144 144 144 144 144	BTX BTX BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.575 393.575 393.65 393.625 393.675 393.675 393.675 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.875 393.9	MTX -399.9875 383.475 383.45 383.45 383.45 383.55 383.55 383.55 383.55 383.675 383.675 383.675 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85383.85 383.85 383.85 383.85383.85 383.85 383.85383.85 383.85 383.85383.85 383.85 383.85383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.85 383.853 383.85 383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.853 383.85 383.85 383.85383 383.85 383.85 383.85383 383.85 383.85 383.85383 383.85 38	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. 136 137 138 139 140 141 142 144 145 144 145 146 147 146 147 148 148 149 150 151 153 154 155 156	BTX BTX BTX 393.475 393.4 393.425 393.425 393.475 393.475 393.57 393.575 393.575 393.625 393.625 393.675 393.775 393.75 393.75 393.875 393.85 393.85 393.875	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.65 383.65 383.675 383.675 383.77 383.77 383.775 383.775 383.87 383.875	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 145 144 145 147 148 147 147 148 150 151 155 155 157 158 159 160	BTX BTX BTX 393.375 393.42 393.425 393.45 393.45 393.45 393.525 393.525 393.525 393.525 393.625 393.625 393.625 393.65 393.775 393.75 393.75 393.75 393.825 393.825 393.85 393.85 393.925 393.975	MTX -399.9875 MTX 383.375 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.675 383.675 383.775 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.95 383.95	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. 136 137 138 139 140 141 142 144 144 144 144 144 144	BTX BTX BTX 393.475 393.4 393.425 393.425 393.45 393.45 393.55 393.575 393.575 393.575 393.625 393.675 393.675 393.725 393.75 393.75 393.75 393.875 393.875 393.875 393.875 393.875 393.875 393.925 393.975 394	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.55 383.55 383.55 383.65 383.65 383.65 383.675 383.775 383.775 383.775 383.775 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.95 383.975 383.975 384	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 145 146 147 148 147 148 147 148 147 150 151 155 156 157 158 159 160 161 162 162	BTX BTX BTX S93.45 393.45 393.45 393.45 393.45 393.55 393.55 393.55 393.625 393.625 393.625 393.675 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.875 393.875 393.875 393.875 393.875 393.95 393.95 393.95 394.025 BTX	MTX -399.9875 MTX 383.75 383.4 383.425 383.45 383.57 383.57 383.57 383.57 383.57 383.65 383.675 383.675 383.775 383.775 383.775 383.775 383.775 383.875 383.875 383.825 383.825 383.825 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.975 384 384 384 384 384 384 385 385 385 385 385 385 385 385	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 145 146 147 148 147 148 147 148 147 150 151 152 155 155 155 157 158 159 160 161 162 163	BTX BTX BTX SP302 BTX 393.375 393.42 393.425 393.425 393.45 393.45 393.525 393.525 393.525 393.625 393.625 393.625 393.625 393.625 393.625 393.625 393.775 393.75 393.75 393.85 393.825 393.825 393.825 393.85 393.9 393.925 393.9 393.925 394.025 394.05	MTX -399.9875 MTX 383.375 383.45 383.425 383.45 383.45 383.65 383.55 383.575 383.65 383.65 383.675 383.675 383.675 383.775 383.775 383.775 383.775 383.875 383.875 383.875 383.875 383.975 383.95 383.95 384.05	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 145 144 145 146 147 147 148 147 149 150 151 155 155 155 155 155 155	BTX BTX BTX 393.375 393.425 393.425 393.45 393.45 393.45 393.525 393.525 393.525 393.625 393.625 393.625 393.625 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.85 393.85 393.85 393.85 393.85 393.95 393.95 394.025 394.025 394.1	MTX -399.9875 MTX 383.375 383.4 383.45 383.45 383.45 383.55 383.55 383.55 383.55 383.65 383.65 383.675 383.775 383.775 383.775 383.775 383.775 383.75 383.75 383.875 383.875 383.925 383.95 383.975 384.025 384.075 384.1	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. 136 137 138 139 140 141 142 144 144 144 144 145 144 144 145 144 145 144 145 144 145 146 155 155 155 155 155 155 155 15	BTX BTX BTX 393.475 393.4 393.425 393.45 393.45 393.45 393.45 393.57 393.5 393.57 393.57 393.625 393.625 393.675 393.77 393.75 393.75 393.75 393.75 393.875 393.875 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.85 393.975 394.025 394.05 394.125	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.65 383.675 383.675 383.77 383.75 383.75 383.75 383.75 383.75 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.87 383.95 383.97 384.025 384.0	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX SP3.375 393.475 393.425 393.45 393.45 393.45 393.575 393.575 393.575 393.625 393.625 393.625 393.675 393.775 393.775 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.93 393.95 393.95 394.025 394.15 394.15	MTX -399.9875 MTX 383.75 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.95 383.95 383.95 383.95 384.025 384.15 384.15	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 145 146 147 148 147 148 147 148 147 149 150 151 152 153 154 155 157 158 159 162 157 158 159 162 155 157 158 159 162 155 156 157 158 159 162 155 157 158 159 162 155 156 157 158 159 162 155 156 157 158 159 162 155 156 157 158 155 156 157 158 155 157 158 155 156 157 158 155 156 157 158 157 158 155 157 158 157 158 157 158 157 158 157 158 157 158 155 157 158 161 161 161 161 162 155 157 158 157 158 161 161 161 162 155 157 158 163 164 161 161 162 163 164 165 166 161 162 163 164 165 166 166 167 168 168 168 168 168	BTX BTX BTX 393.375 393.42 393.425 393.425 393.45 393.45 393.45 393.45 393.525 393.525 393.65 393.625 393.625 393.625 393.625 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.85 393.85 393.925 393.95 393.95 393.95 394.025 394.05 394.15 394.15 394.15 394.15 394.15	MTX -399.9875 MTX 383.375 383.45 383.45 383.45 383.45 383.65 383.55 383.65 383.65 383.675 383.675 383.675 383.775 383.775 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.95 383.95 383.95 384.025 384.05 384.15 384.15 384.15 384.15 384.15 384.175	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX Second Second S	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.55 383.65 383.65 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.95 383.95 384.925 384.15 384.15 384.175 384.2	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX 393.375 393.42 393.425 393.425 393.45 393.45 393.45 393.45 393.525 393.525 393.65 393.625 393.625 393.625 393.625 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.85 393.85 393.925 393.95 393.95 393.95 394.025 394.05 394.15 394.15 394.15 394.15 394.15	MTX -399.9875 MTX 383.375 383.45 383.45 383.45 383.45 383.65 383.55 383.65 383.65 383.675 383.675 383.675 383.775 383.775 383.775 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.95 383.95 383.95 384.025 384.05 384.15 384.15 384.15 384.15 384.15 384.17	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX SP3.375 393.475 393.45 393.45 393.45 393.45 393.575 393.575 393.575 393.625 393.625 393.625 393.625 393.775 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.93 393.95 393.95 394.025 394.15 394.15 394.2	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.55 383.55 383.675 383.675 383.675 383.675 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.875 383.875 383.825 383.95 383.95 383.95 383.95 384.025 384.15 384.15 384.175	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 145 144 144 145 160 161 162 163 164 163 164 165 166 166 167 171 172 173	BTX BTX BTX SP302 BTX 393.375 393.425 393.425 393.45 393.45 393.45 393.525 393.525 393.525 393.625 393.625 393.625 393.65 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.85 393.825 393.85 393.85 393.85 393.85 393.925 393.95 393.95 394.025 394.05 394.15 394.25 394.3 394.25 394.3 394.25 394.3 394.25 394.3 394.25 394.3 394.25 394.3 395 395 395 395	MTX -399.9875 MTX 383.375 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.65 383.675 383.675 383.675 383.77 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.95 383.95 383.975 384.025 384.15 384.15 384.25 384.3	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX Second Second S	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.55 383.65 383.65 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.95 383.95 384.925 384.15 384.125 384.25 384.25 384.25 384.25 384.355 384.355 384.25 384.25 384.355 385 385 385 385 385 385 385	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX SP3.375 393.475 393.425 393.45 393.45 393.45 393.575 393.575 393.575 393.625 393.625 393.625 393.625 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.95 393.95 393.95 393.95 394.025 394.15 394.15 394.25 394.25 394.25 394.35 395 395 395 395 395 395 395 3	MTX -399.9875 MTX 383.75 383.4 383.425 383.45 383.55 383.55 383.55 383.675 383.675 383.675 383.775 383.85 383.85 383.85 383.85 383.85 383.95 383.95 383.95 384.025 384.15 384.25 384.25 384.25 384.35 385.35 385.	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 144	BTX BTX BTX 393.475 393.4 393.425 393.425 393.45 393.45 393.45 393.575 393.575 393.575 393.575 393.625 393.625 393.675 393.675 393.775 393.875 393.875 393.975 394.125 394.125 394.255 394.35 394.375 394.375	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.65 383.65 383.675 383.775 383.775 383.775 383.775 383.75 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 384.175 384.175 384.25 384.325 384.375 385 385 3	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 140 141 142 144 144 144 144 144 144	BTX BTX BTX SP3.375 393.475 393.425 393.45 393.45 393.45 393.575 393.575 393.575 393.625 393.625 393.625 393.625 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.95 393.95 393.95 393.95 394.025 394.15 394.15 394.25 394.25 394.25 394.35 395 395 395 395 395 395 395 3	MTX -399.9875 MTX 383.75 383.4 383.425 383.45 383.55 383.55 383.55 383.675 383.675 383.675 383.775 383.85 383.85 383.85 383.85 383.85 383.95 383.95 383.95 384.025 384.15 384.25 384.25 384.25 384.35 385.35 385.	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 145 144 144 145 144 146 147 148 149 150 151 152 153 155 155 155 155 155 156 157 158 159 160 161 162 163 164 165 166 166 167 168 169 170 171 172 173 177 178 179 179 179 179	BTX BTX BTX BTX 393.45 393.45 393.45 393.45 393.45 393.45 393.45 393.55 393.55 393.55 393.625 393.625 393.625 393.625 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.95 393.95 393.95 393.95 393.95 393.95 394.025 394.05 394.125 394.125 394.225 394.25 394.35 394.45 395 395 395 395 395 395 395 39	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.55 383.65 383.65 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.95 383.95 384.925 384.15 384.15 384.125 384.25 384.25 384.35 384.45 383.85 383.	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 144 144 145 144 144	BTX BTX BTX SP3.375 393.475 393.425 393.45 393.45 393.45 393.575 393.575 393.575 393.625 393.625 393.625 393.625 393.625 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.825 393.93 393.95 394.025 394.025 394.15 394.15 394.25 394.35 394.35 394.35 394.45 394.45 394.475	MTX -399.9875 MTX 383.75 383.4 383.425 383.45 383.45 383.575 383.575 383.65 383.575 383.65 383.675 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 384.05 384.15 384.25 384.25 384.35 384.35 384.45 384.45 384.475	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR
CH. No. CH. No. CH. PLAI CH. No. 136 137 138 139 140 141 142 143 144 144 144 144 145 144 144 145 144 146 147 148 149 150 151 152 153 155 155 155 155 155 156 157 158 159 160 161 162 163 164 165 166 166 167 168 169 170 171 172 173 177 178 179 179 179 179	BTX BTX BTX BTX 393.45 393.45 393.45 393.45 393.45 393.45 393.45 393.55 393.55 393.55 393.625 393.625 393.625 393.625 393.675 393.75 393.75 393.75 393.75 393.75 393.75 393.825 393.825 393.825 393.825 393.95 393.95 393.95 393.95 393.95 393.95 394.025 394.05 394.125 394.125 394.225 394.25 394.35 394.45 395 395 395 395 395 395 395 39	MTX -399.9875 MTX 383.375 383.4 383.425 383.45 383.45 383.525 383.55 383.65 383.65 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.85 383.95 383.95 384.925 384.15 384.15 384.125 384.25 384.25 384.35 384.45 383.85 383.	REMARKS         380-389.9875MHz 2006         REMARKS         TETRA SAPS         TETR

No. 41854 **451** 

Page 145/198

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#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 146/198

		-	_380-389.9875MHz 2006	
CH. No. 274	BTX 396.825	MTX 386.825	REMARKS TETRA SAPS	
275	396.85	386.85	TETRA SAPS	
276	396.875	386.875	TETRA SAPS	
277	396.9	386.9	TETRA SAPS	
278	396.925	386.925	TETRA SAPS	
279	396.95	386.95	TETRA SAPS	
280	396.975	386.975	TETRA SAPS	
281 282	397 397.025	387 387.025	DOD FORMER SANDF DOD FORMER SANDF	
283	397.025	387.025	DOD FORMER SANDF	
284	397.075	387.075	DOD FORMER SANDF	
285	397.1	387.1	DOD FORMER SANDF	
286	397.125	387.125	DOD FORMER SANDF	
287	397.15	387.15	DOD FORMER SANDF	
288	397.175	387.175	DOD FORMER SANDF	
289	397.2	387.2	DOD FORMER SANDF	
290	397.225	387.225	DOD FORMER SANDF	
291	397.25	387.25	DOD FORMER SANDF	
292	397.275	387.275	DOD FORMER SANDF	
293 294	397.3 397.325	387.3 387.325	DOD FORMER SANDF DOD FORMER SANDF	
295	397.35	387.35	DOD FORMER SANDF	
296	397.375	387.375	DOD FORMER SANDF	
297	397.4	387.4	DOD FORMER SANDF	
298	397.425	387.425	DOD FORMER SANDF	
299	397.45	387.45	DOD FORMER SANDF	
300	397.475	387.475	DOD FORMER SANDF	
301	397.5	387.5	DOD FORMER SANDF	
302	397.525	387.525	DOD FORMER SANDF	
303 304	397.55	387.55 387.575	DOD FORMER SANDF DOD FORMER SANDF	
304	397.575 397.6	387.575	DOD FORMER SANDF DOD FORMER SANDF	
305	397.625	387.625	DOD FORMER SANDF	
307	397.65	387.65	DOD FORMER SANDF	
308	397.675	387.675	DOD FORMER SANDF	
309	397.7	387.7	DOD FORMER SANDF	
310	397.725	387.725	DOD FORMER SANDF	
311	397.75	387.75	DOD FORMER SANDF	
312	397.775	387.775	DOD FORMER SANDF	
313	397.8	387.8	DOD FORMER SANDF	
314 315	397.825 397.85	387.825 387.85	DOD FORMER SANDF DOD FORMER SANDF	
315	397.875	387.875	DOD FORMER SANDF	
317	397.9	387.9	DOD FORMER SANDF	
318	397.925	387.925	DOD FORMER SANDF	
319	397.95	387.95	DOD FORMER SANDF	
CH. No.	втх N FOR 390	мтх -399.9875_	REMARKS 380-389.9875MHz 2006	
CH. No. 320 321	N FOR 390 BTX 397.975 398	-399.9875_ MTX 387.975 388	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322	N FOR 390 BTX 397.975 398 398.025	-399.9875_ MTX 387.975 388 388.025	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322 323	N FOR 390 BTX 397.975 398 398.025 398.05	-399.9875_ MTX 387.975 388 388.025 388.05	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322 323 324	N FOR 390 BTX 397.975 398 398.025 398.05 398.05	-399.9875_ MTX 387.975 388 388.025 388.05 388.075	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.075 398.1	-399.9875_ MTX 387.975 388 388.025 388.05 388.075 388.1	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322 323 324	N FOR 390 BTX 397.975 398 398.025 398.05 398.05	-399.9875_ MTX 387.975 388 388.025 388.05 388.075	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326	N FOR 390 BTX 397.975 398 025 398.025 398.05 398.075 398.1 398.125	-399.9875_ MTX 387.975 388 388.025 388.05 388.05 388.075 388.1 388.125	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 329	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.175 398.125 398.15 398.175 398.2	-399.9875_ MTX 387.975 388 388.025 388.05 388.075 388.17 388.125 388.125 388.175 388.2	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 329 330	N FOR 3900 BTX 397.975 398.025 398.025 398.075 398.15 398.15 398.15 398.15 398.25	-399.9875 MTX 387.975 388.025 388.025 388.05 388.15 388.15 388.15 388.175 388.175 388.22 388.25	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 329 330 331	N FOR 3900 BTX 397.975 398 398.025 398.05 398.15 398.125 398.15 398.15 398.15 398.25 398.25	-399.9875_ MTX 387.975 388 388.025 388.05 388.15 388.125 388.15 388.15 388.25 388.25	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 331 332	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275	-399.9875 MTX 387.975 388.05 388.05 388.075 388.17 388.125 388.15 388.175 388.25 388.25 388.25 388.25 388.275	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 323 324 325 326 327 328 327 328 327 328 329 330 331 332 333	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.15 398.125 398.15 398.175 398.175 398.25 398.225 398.225 398.275 398.3	-399.9875_ MTX 387.975 388 388.025 388.075 388.105 388.125 388.125 388.15 388.15 388.175 388.25 388.25 388.25 388.275 388.275 388.3	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 331 332	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275	-399.9875 MTX 387.975 388.05 388.05 388.075 388.17 388.125 388.15 388.175 388.25 388.25 388.25 388.25 388.275	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF	
CH No. 320 321 322 323 324 325 326 327 328 327 328 329 330 331 332 333 333 333	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.25 398.25 398.35	-399.9875_ MTX 387.975 388 388.025 388.05 388.075 388.125 388.125 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.25	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF DOD FORMER SANDF	
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.3 398.3 398.35	-399.9875 MTX 387.975 388.05 388.05 388.05 388.15 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
H PLAI CH. No. 320 321 322 323 324 325 326 326 326 327 328 327 328 329 330 331 333 331 333 334 335 336	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.25 398.3 398.35 398.35	-399.9875_ MTX 387.975 388 388.025 388.075 388.105 388.125 388.125 388.15 388.15 388.25 388.275 388.275 388.3 388.325 388.35 388.35	380-389.9875MHz 2006  REMARKS  DOD FORMER SANDF  DOD FORMER SANDF	
HPLA CH. No. 320 321 322 323 323 324 325 326 327 328 328 328 329 330 331 332 333 334 335 334 335 336 337 338 339	N FOR 3900 BTX 397.975 398 398.025 398.05 398.125 398.125 398.15 398.15 398.15 398.25 398.25 398.25 398.25 398.375 398.3 398.375 398.45	-399.9875_ MTX 387.975 388 388.025 388.05 388.05 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.4 388.45	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF         DOD FORMER SANDF <td cols<="" td=""></td>	
H PLA CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 339 339 339 339 339 339 330	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.075 398.125 398.15 398.15 398.15 398.25 398.25 398.225 398.225 398.25 398.35 398.35 398.35 398.45 398.45 398.475	-399.9875 MTX 387.975 388 388.025 388.05 388.05 388.125 388.15 388.15 388.175 388.25 388.25 388.25 388.25 388.32 388.32 388.325 388.35 388.35 388.425 388.4 388.45 388.45	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
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H PLAI CH. No. 320 321 322 323 325 326 327 328 327 328 327 328 327 328 330 331 333 333 333 333 334 335 336 337 338 339 340 341	N FOR 3900 BTX 397.975 398 025 398.025 398.025 398.05 398.15 398.15 398.15 398.27 398.25 398.275 398.275 398.375 398.35 398.425 398.45 398.45 398.45 398.45	-399.9875 MTX 387.975 388.05 388.025 388.05 388.075 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.45 388.45 388.45 388.45	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 327 328 329 330 331 333 333 333 333 333 333 334 335 336 337 338 339 338 339 334 341 342 343	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.1 398.125 398.15 398.15 398.225 398.225 398.225 398.25 398.3 398.325 398.35 398.45 398.45 398.45 398.55	-399.9875 MTX 387.975 388 025 388.025 388.025 388.05 388.125 388.125 388.15 388.15 388.15 388.25 388.25 388.25 388.35 388.375 388.375 388.375 388.375 388.375 388.375 388.425 388.45 388.475 388.55	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 327 328 327 328 330 331 331 332 333 333 333 336 336 337 338 339 340 341	N FOR 3900 BTX 397.975 398 025 398.025 398.025 398.05 398.15 398.15 398.15 398.27 398.25 398.275 398.275 398.375 398.35 398.425 398.45 398.45 398.45 398.45	-399.9875 MTX 387.975 388.05 388.025 388.05 388.075 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.45 388.45 388.45 388.45	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH. No. 320 321 322 323 324 325 326 327 328 328 329 330 331 332 333 334 333 334 335 334 336 337 338 338 338 339 340 341 342 344	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.175 398.125 398.15 398.15 398.175 398.2 398.25 398.25 398.275 398.3 398.325 398.35 398.375 398.42 398.45 398.45 398.55 398.55	-399.9875_ MTX 387.975 388 388.025 388.075 388.105 388.125 388.125 388.15 388.125 388.275 388.275 388.275 388.375 388.375 388.36 388.425 388.45 388.455 388.55 388.55	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
H PLAI CH, No. 320 321 322 323 325 326 327 328 327 328 327 328 327 328 330 331 331 332 333 333 335 336 333 335 336 337 338 339 340 341 342 344 345 346 347	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.075 398.15 398.15 398.15 398.25 398.25 398.25 398.275 398.3 398.325 398.35 398.425 398.45 398.45 398.45 398.45 398.525 398.55 398.55 398.55 398.65	-399.9875 MTX 387.975 388.05 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.55 388.65 388.65 388.65	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 327 328 329 330 331 333 333 333 333 333 333 333 333	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.1 398.125 398.15 398.15 398.225 398.225 398.225 398.225 398.25 398.3 398.325 398.35 398.425 398.45 398.45 398.55 398.55 398.675	-399.9875 MTX 387.975 388.05 388.05 388.05 388.05 388.125 388.125 388.15 388.15 388.15 388.25 388.25 388.25 388.375 388.375 388.375 388.425 388.45 388.45 388.45 388.45 388.55 388.55 388.65 388.675	380-389.9875MHz 2006  REMARKS  DOD FORMER SANDF	
CH. PLAI CH. No. 320 321 322 323 324 325 326 327 328 327 328 329 330 331 332 333 334 333 333 334 335 336 337 336 337 336 337 338 338 339 340 341 342 343 344 345 344 347 349	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.125 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.25 398.325 398.35 398.35 398.35 398.425 398.425 398.45 398.45 398.55 398.55 398.55 398.65 398.625 398.625 398.675 398.75	-399.9875_ MTX 387.975 388 388.025 388.025 388.075 388.125 388.125 388.125 388.125 388.225 388.225 388.225 388.225 388.275 388.325 388.325 388.325 388.45 388.45 388.45 388.45 388.55 388.55 388.55 388.65 388.65 388.65 388.675 388.67 388.75	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
HPLAI           CH, No.           320           321           322           323           324           325           326           327           328           329           330           331           332           333           334           335           336           339           340           341           342           343           344           345           346           347           349           349           349	N FOR 3900 BTX 397.975 388 398.025 398.025 398.075 398.175 398.175 398.175 398.125 398.175 398.225 398.225 398.225 398.225 398.32 398.325 398.325 398.35 398.425 398.425 398.425 398.475 398.525 398.525 398.525 398.525 398.525 398.65 398.65 398.65 398.675 398.725	-399.9875 MTX 387.975 388 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.25 388.25 388.32 388.325 388.35 388.35 388.425 388.45 388.45 388.55 388.55 388.55 388.65 388.65 388.675 388.67 388.725	380-389.9875MHz 2006 REMARKS DOD FORMER SANDF	
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 333 334 333 333 334 333 335 336 337 333 333 334 333 335 336 337 338 339 334 341 342 343 344 344 345 346 347	N FOR 3900 BTX 397.975 398 05 398.025 398.025 398.025 398.025 398.15 398.125 398.175 398.175 398.225 398.225 398.225 398.225 398.225 398.33 398.325 398.35 398.35 398.35 398.425 398.45 398.55 398.55 398.55 398.65 398.65 398.675 398.75	-399.9875 MTX 387.975 388 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.55 388.55 388.65 388.65 388.65 388.67 388.65 388.67 388.75 3	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 327 328 327 328 330 331 331 332 333 333 335 336 333 335 336 337 338 339 339 340 341 342 344 346 346 347 348 349 350 351	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275 398.3 398.375 398.375 398.4 398.425 398.45 398.45 398.45 398.45 398.55 398.55 398.65 398.65 398.65 398.65 398.75 398.75 398.75	-399.9875_ MTX 387.975 388.05 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.65 388.65 388.65 388.65 388.65 388.65 388.75 388.75 388.75 388.75 388.75	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF         DOD FORMER SANDF <td cols<="" td=""></td>	
CH. No.           320           321           322           323           324           325           326           327           328           329           330           331           333           334           335           336           337           338           339           344           343           344           343           344           343           344           344           345           346           347           348           349           350           351           352           363	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.1 398.125 398.15 398.15 398.25 398.25 398.25 398.25 398.3 398.3 398.325 398.3 398.4 398.45 398.45 398.45 398.45 398.55 398.55 398.55 398.675 398.67 398.7 398.7 398.7 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75	-399.9875 MTX 387.975 388.05 388.05 388.05 388.05 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.275 388.375 388.375 388.375 388.425 388.425 388.45 388.45 388.45 388.45 388.675 388.675 388.675 388.75 3	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 324 325 326 327 328 327 328 327 328 330 331 331 332 333 333 335 336 333 335 336 337 338 339 339 340 341 342 344 346 346 347 348 349 350 351	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275 398.3 398.375 398.375 398.4 398.425 398.45 398.45 398.45 398.45 398.55 398.55 398.65 398.65 398.65 398.65 398.75 398.75 398.75	-399.9875_ MTX 387.975 388.05 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.65 388.65 388.65 388.65 388.65 388.65 388.75 388.75 388.75 388.75 388.75	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 325 326 327 328 327 328 327 328 329 330 331 332 333 333 333 333 334 333 334 333 334 333 334 334 334 334 342 344 344	N FOR 3900 BTX 397.975 398.025 398.025 398.05 398.075 398.15 398.15 398.15 398.15 398.25 398.25 398.275 398.35 398.35 398.35 398.425 398.45 398.45 398.45 398.45 398.45 398.525 398.55 398.575 398.65 398.65 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.825 398.85	-399.9875 MTX 387.975 388 388.025 388.025 388.075 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 3885	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH         PLAI           CH         No.         320           320         321         322           323         324         325           326         327         328           329         330         331           332         333         334           333         334         335           336         337         338           339         344         344           343         344         344           344         345         346           347         348         349           360         351         352           353         354         355	N FOR 3900 BTX 397.975 398 05 398.025 398.05 398.05 398.125 398.125 398.15 398.15 398.15 398.27 398.22 398.275 398.275 398.3 398.325 398.35 398.35 398.425 398.45 398.45 398.45 398.55 398.55 398.55 398.55 398.65 398.67 398.75 398.82 398.75 398.82 398.825 398.825 398.825 398.825 398.75 398.825 398.75 398.825 398.75 398.75 398.825 398.75 398.75 398.825 398.75 398.75 398.75 398.825 398.75 398.85 398.85 398.85 398.85 398.75398.75 398.75 398.75 398.75 398.85 398.85 398.85 398.75398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.85 398.85 398.75398.75 398.85 398.75398.75 398.75	-399.9875 MTX 387.975 388.05 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.45 388.45 388.45 388.475 388.45 388.525 388.575 388.65 388.675 388.77 388.75 388.75 388.75 388.75 388.855 388.855388.855 388.855 388.855 388.855 388.855 388.855 388.855 388.855 388.855388 385 385 385 385 385 385 385 385 385	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH. No.           320           321           322           323           324           325           326           327           328           329           330           331           332           333           334           335           336           337           338           339           344           343           344           345           346           347           348           349           350           351           352           353           354           355           354           355           354           355           354           355           356	N FOR 3900 BTX 397.975 398 398.025 398.025 398.05 398.05 398.15 398.1 398.125 398.15 398.15 398.225 398.225 398.25 398.35 398.35 398.35 398.35 398.425 398.425 398.45 398.45 398.55 398.55 398.675 398.675 398.75 398.75 398.75 398.75 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85	-399.9875_ MTX 387.975 388 388.025 388.05 388.05 388.05 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.375 388.45 388.45 388.45 388.55 388.55 388.55 388.65 388.65 388.67 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.875 388.875 388.825 388.825 388.825 388.8	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH PLAI CH. No. 320 321 322 323 325 326 327 328 327 328 327 328 329 330 331 332 333 333 333 333 334 333 334 333 334 333 334 335 336 337 339 340 341 342 343 344 345 344 345 344 346 347 348 347 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 348 347 347 348 347 347 348 347 348 347 347 347 347 347 347 347 347 347 347	N FOR 3900 BTX 397.975 398 05 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.27 398.2 398.275 398.27 398.3 398.375 398.37 398.325 398.4 398.425 398.475 398.4 398.45 398.45 398.45 398.45 398.55 398.55 398.65 398.65 398.65 398.65 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.85 398.85 398.85 398.875 398.875 398.875 398.875 398.875 398.875 398.95	-399.9875 MTX 387.975 388 388.025 388.05 388.025 388.075 388.125 388.125 388.125 388.125 388.125 388.125 388.225 388.25 388.25 388.25 388.35 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.55 388.55 388.55 388.625 388.75 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.95380 385	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF         DOD FOR	
CH. No.           320           321           322           323           324           325           326           327           328           329           330           331           332           333           334           335           336           337           338           339           344           343           344           343           344           343           344           343           344           343           344           343           344           343           344           345           346           347           348           349           341           342           343           344           345           351           352           353           354           355	N FOR 3900 BTX 397.975 388 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.25 398.35 398.35 398.35 398.425 398.425 398.425 398.425 398.425 398.425 398.45 398.525 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.55 398.75 398.75 398.75 398.75 398.75 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.85 398.975	-399.9875 MTX 387.975 388.05 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.35 388.35 388.425 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.55 388.55 388.57 388.57 388.65 388.67 388.75 388.75 388.75 388.87 388.87 388.825 388.87 388.87 388.825 388.85 388.95 388.95 388.95	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH. No.           320           321           322           323           324           325           326           327           328           329           330           331           332           333           334           335           336           337           338           339           344           343           344           343           344           345           346           347           348           349           350           351           352           353           354           355           354           355           356           357           358           359           360           357           358           359           360           361	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.175 398.1 398.125 398.25 398.25 398.25 398.25 398.33 398.32 398.35 398.35 398.425 398.425 398.45 398.45 398.45 398.55 398.55 398.675 398.675 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.875 398.875 398.875 398.875 398.875 398.875 398.925 398.975 398.975 399.975	-399.9875 MTX 387.975 388 388.025 388.05 388.05 388.05 388.125 388.125 388.125 388.125 388.125 388.25 388.275 388.25 388.35 388.375 388.375 388.425 388.425 388.45 388.45 388.55 388.55 388.55 388.65 388.675 388.65 388.675 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.75 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.875 388.85 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95 388.95	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH         PLAI           CH         No.         320           321         322         323           322         323         324           323         324         325           326         327         328           329         330         331           332         333         335           333         336         337           333         336         337           334         335         336           337         338         339           340         341         342           343         344         345           344         345         346           347         348         349           350         351         352           355         356         355           356         355         356           356         355         356           356         356         360           361         362         361	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275 398.3 398.325 398.35 398.35 398.425 398.45 398.45 398.45 398.45 398.45 398.45 398.45 398.55 398.45 398.55 398.65 398.65 398.65 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.875 398.875 398.875 398.875 398.875 398.99 398.95 398.95 398.95 398.95 399.025	-399.9875 MTX 387.975 388 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.65 388.65 388.65 388.65 388.65 388.75 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.95	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	
CH         PLAI           CH         No.         320           321         322         323           324         325         326           327         328         327           328         327         328           327         328         333           333         334         335           336         337         338           339         344         345           344         344         344           344         344         345           350         351         355           356         355         356           357         358         355           356         357         358           356         366         367           361         362         363	N FOR 3900 BTX 397.975 398.025 398.025 398.025 398.075 398.125 398.125 398.125 398.125 398.15 398.125 398.225 398.225 398.225 398.25 398.35 398.35 398.35 398.425 398.425 398.425 398.425 398.425 398.55 398.55 398.55 398.55 398.625 398.65 398.65 398.725 398.75 398.90 398.90 398.90 398.90 398.90 398.90 399.05 399.05300000000000000000000000000000000000	-399.9875 MTX 387.975 388 388.025 388.05 388.05 388.05 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.32 388.325 388.35 388.34 388.425 388.45 388.45 388.45 388.45 388.45 388.55 388.55 388.65 388.675 388.675 388.675 388.675 388.75 388.75 388.75 388.75 388.75 388.875 388.875 388.875 388.875 388.875 388.925 388.925 388.925 389.05	380-389.9875MHz 2006         REMARKS         DOD FORMER SANDF	
CH         PLAI           CH         No.         320           321         322         323           322         323         324           323         324         325           326         327         328           329         330         331           332         333         335           333         336         337           333         336         337           334         335         336           337         338         339           340         341         342           343         344         345           344         345         346           347         348         349           350         351         352           355         356         355           356         355         356           356         355         356           356         356         360           361         362         361	N FOR 3900 BTX 397.975 398 398.025 398.05 398.05 398.15 398.15 398.15 398.15 398.25 398.25 398.275 398.3 398.325 398.35 398.35 398.425 398.45 398.45 398.45 398.45 398.45 398.45 398.45 398.55 398.45 398.55 398.65 398.65 398.65 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.75 398.875 398.875 398.875 398.875 398.99 398.95 398.95 398.95 398.95 399.025	-399.9875 MTX 387.975 388 388.025 388.025 388.025 388.025 388.025 388.125 388.125 388.125 388.125 388.125 388.125 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.65 388.65 388.65 388.65 388.65 388.75 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.85 388.95	380-389.9875MHz 2006  REMARKS DOD FORMER SANDF	

No. 41854 453

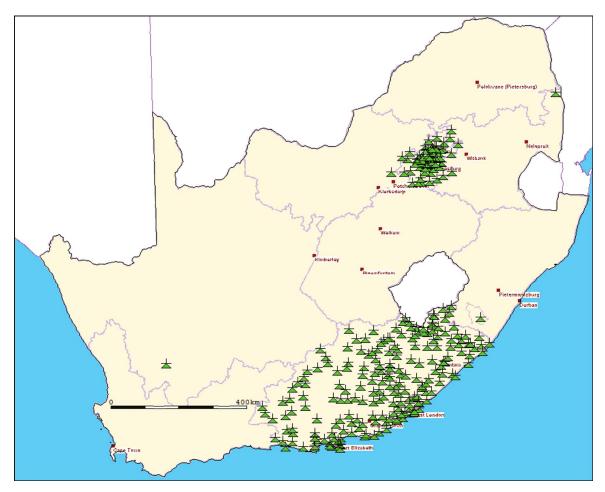
Page 147/198

CH. No.	BTX	MTX	REMARKS
366	399.125	389.125	DOD FORMER SANDF
367	399.15	389.15	DOD FORMER SANDF
368	399.175	389.175	DOD FORMER SANDF
369	399.2	389.2	DOD FORMER SANDF
370	399.225	389.225	DOD FORMER SANDF
371	399.25	389.25	DOD FORMER SANDF
372	399.275	389.275	DOD FORMER SANDF
373	399.3	389.3	DOD FORMER SANDF
374	399.325	389.325	DOD FORMER SANDF
375	399.35	389.35	DOD FORMER SANDF
376	399.375	389.375	DOD FORMER SANDF
377	399.4	389.4	DOD FORMER SANDF
378	399.425	389.425	DOD FORMER SANDF
379	399.45	389.45	DOD FORMER SANDF
380	399.475	389.475	DOD FORMER SANDF
381	399.5	389.5	DOD FORMER SANDF
382	399.525	389.525	DOD FORMER SANDF
383	399.55	389.55	DOD FORMER SANDF
384	399.575	389.575	DOD FORMER SANDF
385	399.6	389.6	DOD FORMER SANDF
386	399.625	389.625	DOD FORMER SANDF
387	399.65	389.65	DOD FORMER SANDF
388	399.675	389.675	DOD FORMER SANDF
389	399.7	389.7	DOD FORMER SANDF
390	399.725	389.725	DOD FORMER SANDF
391	399.75	389.75	DOD FORMER SANDF
392	399.775	389.775	DOD FORMER SANDF
393	399.8	389.8	DOD FORMER SANDF
394	399.825	389.825	DOD FORMER SANDF
395	399.85	389.85	DOD FORMER SANDF
396	399.875	389.875	DOD FORMER SANDF
397	399.9	389.9	DOD FORMER SANDF
398	399.925	389.925	DOD FORMER SANDF
399	399.95	389.95	DOD FORMER SANDF
400	399.975	389.975	DOD FORMER SANDF

## 1.5.2 Licensing information for the applicable frequency allocation

There are 2 760 Licenses issued in this band for both BTX and MTX as well as single frequency devices

Page 148/198



## 1.5.3 Areas where licensed frequencies are operational.

No. 41854 455

Page 149/198

# 1.6 Applicable Frequency Allocation and Band information 403 MHz to 406 MHz

Frequency Band under investigation 403 MHz to 406 MHz METEOROLOGICAL AIDS Mobile except aeronautical mobile

Frequency Sub bands

402 – 405 MHz – Medical Implants

402 – 406 MHz – Various SRD's

## **1.6.1** Channel Plan for the Frequency Allocation

Not available, no channel spacing, 10 mW, 100% duty cycle

## 1.6.2 Licensing information for the applicable frequency allocation

There are 1573 Licenses issued in this band

Page 150/198



## **1.6.3** Areas where licensed frequencies are operational.

No. 41854 457

Page 151/198

# 1.7 Applicable Frequency Allocation and Band information 406 MHz to 426 MHz

Use of this Band for PPDR to be studied

Frequency Band under investigation 406 MHz to 426 MHz

Frequency Sub bands **406 – 410 MHz** FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY

## Pairings

Fixed Links MTX 406.1 – 407.625 MHz paired with BTX 416.625 to 417.625 MHz Mobile MTX 406.1 – 407.625 MHz paired with BTX 416.625 to 417.625 MHz Fixed Links MTX 407.625 – 410 MHz paired with BTX 417.625 to 420 MHz Mobile MTX 407.625 – 410 MHz paired with BTX 417.625 to 420 MHz

## 410 to 420 MHz & 420 to 430 MHz

FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to space) in Band 410 to 420 MHz

Pairings

Mobile MTX 410 – 413 MHz paired with BTX 420 to 423 MHz Mobile Data MTX 413 – 413.7625 MHz paired with BTX 423 to 423.7625 MHz Digital Trunking MTX 413.7625 – 416.1 MHz paired with BTX 423.7625 to 426.1 MHz Mobile BTX 416.1 – 417.625 MHz paired with MTX 406.1 to 407.625 MHz

FIXED Single Frequency Links 426.1 to 430 MHz

Page 152/198

## 1.7.1 Channel Plan for the Frequency Allocation

CH. No. 1	1 5 0 5 4 4 7 6		
1	NFOR 417.5	875_419.98	375/407.5875_409.9875MHz 2006(12.5
	BTX	MTX	REMARKS
	417.5875	407.5875	ADDITIONAL SAPS
2	417.6 417.6125	407.6 407.6125	ADDITIONAL SAPS ADDITIONAL SAPS
4	417.625	407.625	SAPS
5	417.6375	407.6375	SAPS
6	417.65	407.65	SAPS
7	417.6625	407.6625	SAPS
8 9	417.675 417.6875	407.675 407.6875	SAPS SAPS
10	417.7	407.7	SAPS
11	417.7125	407.7125	SAPS
12	417.725	407.725	SAPS
13 14	417.7375	407.7375	SAPS SAPS
14	417.75 417.7625	407.75 407.7625	SAPS
16	417.775	407.775	SAPS
17	417.7875	407.7875	SAPS
18	417.8	407.8	SAPS
19 20	417.8125 417.825	407.8125 407.825	SAPS SAPS
20	417.8375	407.825	SAPS
22	417.85	407.85	SAPS
23	417.8625	407.8625	SAPS
24	417.875	407.875	SAPS
25 26	417.8875 417.9	407.8875 407.9	SAPS SAPS
20	417.9125	407.9125	SAPS
28	417.925	407.925	SAPS
29	417.9375	407.9375	SAPS
30	417.95	407.95	SAPS SAPS
31 32	417.9625 417.975	407.9625 407.975	SAPS
33	417.9875	407.9875	SAPS
34	418	408	SAPS
35	418.0125	408.0125	SAPS
36 37	418.025 418.0375	408.025 408.0375	SAPS SAPS
38	418.05	408.05	SAPS
39	418.0625	408.0625	SAPS
40	418.075	408.075	SAPS
41	418.0875	408.0875	SAPS
42 43	418.1 418.1125	408.1 408.1125	SAPS SAPS
44	418.125	408.125	SAPS
CH. No.	N FOR 417.5 BTX	MTX	375/407.5875_409.9875MHz 2006(12.5 REMARKS
45	418.1375	408.1375	SAPS
46 47	418.15 418.1625	408.15 408.1625	SAPS SAPS
48	418.175	408.175	SAPS
49	418.1875	408.1875	SAPS
50	418.2	408.2	SAPS
51	418.2125		SAPS
52 53	419 225	408.2125	
	418.225	408.225	SAPS
54	418.225 418.2375 418.25		SAPS SAPS SAPS
55	418.2375 418.25 418.2625	408.225 408.2375 408.25 408.2625	SAPS SAPS SAPS
55 56	418.2375 418.25 418.2625 418.275	408.225 408.2375 408.25 408.2625 408.275	SAPS SAPS SAPS SAPS SAPS
55 56 57	418.2375 418.25 418.2625 418.275 418.2875	408.225 408.2375 408.25 408.2625 408.2625 408.275 408.2875	SAPS SAPS SAPS SAPS SAPS SAPS
55 56	418.2375 418.25 418.2625 418.275	408.225 408.2375 408.25 408.2625 408.275	SAPS SAPS SAPS SAPS SAPS
55 56 57 58 59 60	418.2375 418.25 418.2625 418.275 418.2875 418.3 418.3125 418.325	408.225 408.2375 408.25 408.2625 408.275 408.2875 408.375 408.3125 408.3125	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
55           56           57           58           59           60           61	418.2375 418.2625 418.2625 418.275 418.2875 418.3 418.3125 418.325 418.3375	408.225 408.2375 408.25 408.2625 408.275 408.2875 408.3125 408.3125 408.325	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
55           56           57           58           59           60           61           62	418.2375 418.25 418.2625 418.275 418.2875 418.3 418.3125 418.3125 418.3375 418.3375 418.335	408.225 408.2375 408.25 408.2625 408.275 408.375 408.3 408.3125 408.325 408.325 408.3375	SAPS
55           56           57           58           59           60           61	418.2375 418.2625 418.2625 418.275 418.2875 418.3 418.3125 418.325 418.3375	408.225 408.2375 408.25 408.2625 408.275 408.2875 408.3125 408.3125 408.325	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
55           56           57           58           59           60           61           62           63           64           65	418.2375 418.2625 418.2625 418.275 418.2875 418.3875 418.325 418.3375 418.3375 418.355 418.375 418.3875	408.225 408.2375 408.25 408.2625 408.275 408.2875 408.325 408.3125 408.325 408.3375 408.35 408.35 408.35 408.375	SAPS
55           56           57           58           59           60           61           62           63           64           65           66	418.2375 418.25 418.2625 418.2625 418.2675 418.3875 418.325 418.3375 418.325 418.3625 418.3625 418.3675 418.4	408.225 408.2375 408.2625 408.2625 408.275 408.3275 408.3 408.3125 408.325 408.3375 408.35 408.35 408.375 408.375 408.3875	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67	418.2375 418.25 418.2625 418.275 418.2875 418.2875 418.325 418.3375 418.3375 418.3375 418.3625 418.357 418.3875 418.3875 418.4	408.225 408.2375 408.25 408.2625 408.2875 408.3275 408.3 408.3125 408.3375 408.35 408.35 408.35 408.35 408.35 408.35 408.35 408.375 408.3875 408.4 408.4 125	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68	418.2375 418.2625 418.2625 418.275 418.2875 418.3275 418.3125 418.3375 418.3375 418.3625 418.3625 418.375 418.3875 418.425	408.225 408.2375 408.25 408.25 408.275 408.275 408.3 408.3125 408.325 408.325 408.3375 408.3375 408.3375 408.3375 408.3375 408.3375 408.425	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70	418.2375 418.25 418.2625 418.275 418.2875 418.2875 418.325 418.3375 418.3375 418.3375 418.3625 418.357 418.3875 418.3875 418.4	408.225 408.2375 408.25 408.25 408.275 408.275 408.3 408.3125 408.325 408.3375 408.35 408.3625 408.3625 408.375 408.425 408.425 408.4375	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71	418.2375 418.25 418.25 418.275 418.275 418.2875 418.3275 418.3275 418.3275 418.3275 418.3375 418.35 418.3575 418.375 418.4 418.4125 418.425 418.425 418.425 418.4625	408.225 408.2375 408.265 408.265 408.275 408.3275 408.3 408.3125 408.325 408.3375 408.3375 408.3625 408.375 408.3875 408.4825 408.425	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72	418.2375 418.25 418.2625 418.275 418.2875 418.3875 418.3125 418.3375 418.3375 418.3375 418.3625 418.35 418.3875 418.3875 418.3875 418.4125 418.4125 418.425 418.4525 418.4625 418.475	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3 408.3125 408.3375 408.3375 408.3625 408.3625 408.375 408.3875 408.425 408.425 408.425 408.475	SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.275\\ 418.275\\ 418.2875\\ 418.3275\\ 418.3275\\ 418.3275\\ 418.3375\\ 418.3375\\ 418.3375\\ 418.3675\\ 418.375\\ 418.375\\ 418.375\\ 418.475\\ 418.4425\\ 418.4625\\ 418.4625\\ 418.475\\ 418.4875\\ \end{array}$	408.225 408.2375 408.2375 408.2625 408.275 408.275 408.3 408.3125 408.325 408.3275 408.3375 408.3375 408.3375 408.3375 408.3375 408.3375 408.3375 408.345 408.4125 408.425 408.45 408.45	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72	418.2375 418.25 418.2625 418.275 418.2875 418.3875 418.3125 418.3375 418.3375 418.3375 418.3625 418.35 418.3875 418.3875 418.3875 418.4125 418.4125 418.425 418.4525 418.4625 418.475	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3 408.3125 408.3375 408.3375 408.3625 408.3625 408.375 408.3875 408.425 408.425 408.425 408.475	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           76	$\begin{array}{r} 418.2375\\ 418.257\\ 418.25\\ 418.2625\\ 418.275\\ 418.2875\\ 418.3275\\ 418.3275\\ 418.3125\\ 418.3125\\ 418.325\\ 418.325\\ 418.375\\ 418.375\\ 418.375\\ 418.4875\\ 418.425\\ 418.4375\\ 418.4625\\ 418.4375\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.525\\ \end{array}$	408.225 408.2375 408.25 408.2625 408.2875 408.2875 408.3 408.3125 408.3375 408.35 408.35 408.35 408.35 408.3625 408.375 408.3875 408.425 408.475 408.475 408.425 408.475 408.425 408.525	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.25\\ 418.275\\ 418.275\\ 418.3275\\ 418.3275\\ 418.3125\\ 418.3375\\ 418.3375\\ 418.3875\\ 418.3875\\ 418.3875\\ 418.3875\\ 418.48475\\ 418.4425\\ 418.4525\\ 418.457\\ 418.455\\ 418.455\\ 418.5125\\ 418.5375\\ \end{array}$	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3275 408.3 408.3125 408.325 408.3375 408.36 408.36 408.36 408.36 408.375 408.475 408.4125 408.4375 408.45 408.45 408.45 408.5375	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.25\\ 418.275\\ 418.2875\\ 418.375\\ 418.325\\ 418.3125\\ 418.3125\\ 418.3375\\ 418.36\\ 418.3625\\ 418.375\\ 418.3625\\ 418.375\\ 418.4825\\ 418.425\\ 418.425\\ 418.4825\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.525\\ 418.525\\ 418.5375\\ 418.55\\ \end{array}$	408.225 408.2375 408.2375 408.2625 408.275 408.275 408.3 408.3125 408.325 408.325 408.3375 408.3375 408.3375 408.3375 408.3375 408.425 408.4125 408.425 408.45 408.45 408.45 408.55	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78           79	$\begin{array}{r} 418.2375\\ 418.2375\\ 418.25\\ 418.2625\\ 418.275\\ 418.2875\\ 418.2875\\ 418.3275\\ 418.325\\ 418.325\\ 418.325\\ 418.325\\ 418.3575\\ 418.35\\ 418.375\\ 418.4375\\ 418.425\\ 418.4425\\ 418.4425\\ 418.4425\\ 418.4455\\ 418.4625\\ 418.455\\ 418.525\\ 418.525\\ 418.525\\ 418.555\\ 418.565\\ 418$	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3275 408.3 408.3125 408.3375 408.3375 408.362 408.362 408.362 408.375 408.425 408.425 408.425 408.475 408.425 408.5125 408.5375 408.55 408.555	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.25\\ 418.275\\ 418.2875\\ 418.375\\ 418.325\\ 418.3125\\ 418.3125\\ 418.3375\\ 418.36\\ 418.3625\\ 418.375\\ 418.3625\\ 418.375\\ 418.4825\\ 418.425\\ 418.425\\ 418.4825\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.4875\\ 418.525\\ 418.525\\ 418.5375\\ 418.55\\ \end{array}$	408.225 408.2375 408.2375 408.2625 408.275 408.275 408.3 408.3125 408.325 408.325 408.3375 408.3375 408.3375 408.3375 408.3375 408.425 408.4125 408.425 408.45 408.45 408.45 408.55	SAPS           SAPS
55           56           57           58           59           60           61           62           63           66           67           68           69           70           71           72           73           74           75           76           77           78           79           81           82	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.25\\ 418.275\\ 418.275\\ 418.3275\\ 418.3125\\ 418.3125\\ 418.3375\\ 418.3375\\ 418.3375\\ 418.3875\\ 418.3875\\ 418.3875\\ 418.4875\\ 418.4875\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.4975\\ 418.5125\\ 418.575\\ 418.595\\ 418.575\\ 418.575\\ 418.575\\ 418.5875\\ 418.6875\\ 418.6\\ 418.675\\ 418.6\\ 418.575\\ 418.575\\ 418.5875\\ 4$	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3275 408.3 408.3125 408.325 408.3375 408.35 408.35 408.375 408.475 408.475 408.425 408.425 408.425 408.45 408.45 408.5375 408.5375 408.557 408.5875 408.6	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           70           71           72           73           74           76           77           78           79           80           81           82	418.2375 418.25 418.25 418.25 418.275 418.2875 418.2875 418.325 418.325 418.3375 418.35 418.35 418.375 418.375 418.4375 418.425 418.4375 418.4575 418.525 418.525 418.525 418.555 418.575 418.575 418.575 418.6125	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3 408.3125 408.3375 408.3375 408.35 408.35 408.3625 408.375 408.4875 408.425 408.475 408.475 408.475 408.4875 408.4875 408.4875 408.455 408.5575 408.5575 408.575 408.6125	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           79           80           81           82           83	$\begin{array}{r} 418.2375\\ 418.25\\ 418.25\\ 418.25\\ 418.275\\ 418.275\\ 418.3275\\ 418.3125\\ 418.3125\\ 418.3375\\ 418.3375\\ 418.3625\\ 418.3625\\ 418.3625\\ 418.375\\ 418.4825\\ 418.4375\\ 418.4375\\ 418.4375\\ 418.4375\\ 418.4525\\ 418.4525\\ 418.525\\ 418.525\\ 418.5525\\ 418.5525\\ 418.5525\\ 418.5525\\ 418.5625\\ 418.5625\\ 418.575\\ 418.625\\ 418.625\\ 418.625\\ 5125\\ 418.525\\ 5125\\ 418.525\\ 5125\\ 418.525\\ 5125\\ 418.525\\ 5125$	408.225 408.2375 408.2375 408.2375 408.25 408.275 408.3275 408.3 408.3125 408.3325 408.3325 408.36 408.36 408.36 408.36 408.36 408.375 408.475 408.425 408.425 408.4375 408.425 408.4375 408.45 408.425 408.5375408.5375 408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.5375408.5375 408.53754075 408.5375 408.53754075 408.53754075 4075 4075 4075 4075 40754075 4	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           70           71           72           73           74           76           77           78           79           80           81           82	418.2375 418.25 418.25 418.25 418.275 418.2875 418.2875 418.325 418.325 418.3375 418.35 418.35 418.375 418.375 418.4375 418.425 418.4375 418.4575 418.525 418.525 418.525 418.555 418.575 418.575 418.575 418.6125	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3 408.3125 408.3375 408.3375 408.35 408.35 408.3625 408.375 408.4875 408.425 408.475 408.475 408.475 408.4875 408.4875 408.4875 408.455 408.5575 408.5575 408.575 408.6125	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           77           78           79           80           81           82           83           84	$\begin{array}{r} 418.2375\\ 418.257\\ 418.25\\ 418.2625\\ 418.275\\ 418.2875\\ 418.375\\ 418.325\\ 418.3125\\ 418.3375\\ 418.325\\ 418.375\\ 418.375\\ 418.375\\ 418.375\\ 418.375\\ 418.375\\ 418.4875\\ 418.425\\ 418.425\\ 418.425\\ 418.425\\ 418.455\\ 418.455\\ 418.525\\ 418.525\\ 418.575\\ 418.575\\ 418.575\\ 418.655\\ 418.625\\ 418.6375\\ 418.6375\\ 418.6375\\ 418.6625\\ 418.6375\\ 418.6625\\ 418.6$	408.225 408.2375 408.2375 408.25 408.275 408.275 408.3275 408.3275 408.3275 408.325 408.325 408.3375 408.3375 408.3375 408.3375 408.3375 408.3375 408.425 408.425 408.425 408.425 408.425 408.425 408.525 408.525 408.575 408.6125 408.6375	SAPS           SAPS
55           56           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78           79           80           81           82           83           84           85	418.2375 418.25 418.25 418.2625 418.275 418.2875 418.3275 418.3125 418.3125 418.3375 418.3875 418.3875 418.3875 418.3875 418.425 418.425 418.425 418.425 418.4575 418.4575 418.5575 418.5575 418.6525 418.655 418.655	408.225 408.2375 408.2375 408.2375 408.25 408.275 408.275 408.3 408.3125 408.3325 408.3325 408.3625 408.3625 408.375 408.45 408.425 408.425 408.425 408.4375 408.45 408.45 408.525 408.5375 408.5375 408.625 408.6375 408.625 408.6375	SAPS           SAPS

No. 41854 459

Page 153/198

CH-PLA	N FOR 417.5	875 419.98	75/407.5875 409.9875MHz 2006(12.5kF
CH. No.	BTX	MTX	REMARKS
92 93	418.725 418.7375	408.725 408.7375	SAPS SAPS
94	418.75	408.75	SAPS
95 96	418.7625 418.775	408.7625 408.775	SAPS SAPS
97 98	418.7875 418.8	408.7875 408.8	SAPS SAPS
98	418.8125	408.8125	SAPS
100	418.825	408.825	SAPS
101 102	418.8375 418.85	408.8375 408.85	SAPS SAPS
103	418.8625	408.8625	SAPS
104 105	418.875 418.8875	408.875 408.8875	SAPS SAPS
106	418.9	408.9	SAPS
107 108	418.9125 418.925	408.9125 408.925	SAPS SAPS
109	418.9375	408.9375	SAPS
110 111	418.95 418.9625	408.95 408.9625	SAPS SAPS
112	418.975	408.975	SAPS
113 114	418.9875 419	408.9875 409	SAPS SAPS
115	419.0125	409.0125	SAPS
116 117	419.025 419.0375	409.025 409.0375	SAPS SAPS
118	419.05	409.05	SAPS
119	419.0625	409.0625	SAPS
120 121	419.075 419.0875	409.075 409.0875	SAPS SAPS
122	419.1	409.1	SAPS
123 124	419.1125 419.125	409.1125 409.125	SAPS SAPS
125	419.1375	409.1375	SAPS
126 127	419.15 419.1625	409.15 409.1625	SAPS SAPS
128	419.175	409.175	SAPS
129 130	419.1875 419.2	409.1875	SAPS SAPS
131	419.2125	409.2125	SAPS
132 133	419.225 419.2375	409.225 409.2375	SAPS SAPS
134	419.25	409.25	SAPS
135 136	419.2625 419.275	409.2625 409.275	SAPS SAPS
137	419.2875	409.2875	SAPS
138	419.3	409.3	SAPS
140 141 142	419.325 419.3375	409.325 409.3375	SAPS SAPS
			CADC
143	419.35 419.3625	409.35 409.3625	SAPS SAPS
144	419.3625 419.375	409.3625 409.375	SAPS SAPS
144 145 146	419.3625 419.375 419.3875 419.4	409.3625 409.375 409.3875 409.4	SAPS SAPS SAPS SAPS
144 145 146 147	419.3625 419.375 419.3875 419.4 419.4	409.3625 409.375 409.3875 409.4 409.4	SAPS           SAPS           SAPS           SAPS           SAPS           SAPS
144 145 146 147 148 149	419.3625 419.375 419.3875 419.4 419.4125 419.425 419.4375	409.3625 409.375 409.3875 409.4 409.4 409.4125 409.425 409.4375	SAPS
144 145 146 147 148 149 150	419.3625 419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.4375	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.425 409.4375 409.45	SAPS
144 145 146 147 148 149 150 151 152	419.3625 419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.4625 419.4625 419.475	409.3625 409.375 409.475 409.4125 409.425 409.425 409.4375 409.45 409.45 409.4625	SAPS
144 145 146 147 148 149 150 151 151 152 153	419.3625 419.375 419.3875 419.4 419.4125 419.425 419.4375 419.45 419.45 419.4625 419.4625 419.475	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.4375 409.4375 409.4625 409.475 409.4875	SAPS
144 145 146 147 148 149 150 151 152 153 154 155	419.3625 419.375 419.3875 419.4875 419.425 419.425 419.425 419.425 419.45 419.45 419.45 419.475 419.4875 419.5125	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.425 409.45 409.45 409.45 409.45 409.45 409.45 409.5125	SAPS
144 145 146 147 148 149 150 151 152 153 154 155 156	419.3625 419.375 419.3875 419.4875 419.425 419.425 419.425 419.425 419.45 419.45 419.475 419.475 419.4875 419.5125 419.525	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.425 409.4375 409.45 409.45 409.45 409.475 409.525	SAPS
144 145 146 147 148 149 150 151 152 153 154 155 156 157 158	419.3625 419.375 419.3875 419.4 419.4125 419.4125 419.425 419.4375 419.4625 419.4875 419.4875 419.5125 419.525 419.525 419.55	409.3625 409.375 409.3875 409.4125 409.4125 409.425 409.4375 409.425 409.425 409.425 409.425 409.515 409.525 409.525 409.55	SAPS
144 145 146 147 148 150 151 151 152 153 154 155 156 156 157 158 158 159	419.3625 419.375 419.3875 419.3875 419.425 419.4125 419.425 419.4375 419.4375 419.452 419.475 419.475 419.525 419.525 419.525 419.525 419.5525	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.425 409.4375 409.4375 409.4375 409.4375 409.4375 409.5425 409.5125 409.5125 409.525	SAPS
144 145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161	419.3625 419.375 419.3875 419.3875 419.412 419.4125 419.425 419.4375 419.45 419.45 419.475 419.475 419.525 419.525 419.525 419.555 419.5625 419.575	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.4375 409.4375 409.4375 409.4875 409.4875 409.5125 409.5125 409.525 409.525 409.5575 409.575	SAPS
144 145 146 147 148 150 151 152 153 154 155 155 155 155 155 157 158 159 160 161 162	$\begin{array}{c} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.4875\\ 419.4125\\ 419.425\\ 419.425\\ 419.4375\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.4675\\ 419.5125\\ 419.5125\\ 419.525\\ 419.525\\ 419.5625\\ 419.575\\ 419.575\\ 419.575\\ 419.6875\\ 419.6\end{array}$	409.3625 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.4625 409.475 409.4875 409.5125 409.5125 409.527 409.525 409.5375 409.575 409.575	SAPS
144 145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161	$\begin{array}{r} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.425\\ 419.4125\\ 419.425\\ 419.425\\ 419.4375\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.5125\\ 419.5125\\ 419.5125\\ 419.565\\ 419.5655\\ 419.5655\\ 419.5655\\ 419.5675\\ 419.6875\\ 419.6125\\ 419.625\\ 419.625\\ \end{array}$	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.515           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.5625           409.5625           409.6625	SAPS
144 145 146 147 148 150 150 151 152 155 156 157 158 159 160 161 161 162 163 164 165	$\begin{array}{r} 419.3625\\ 419.375\\ 419.375\\ 419.3875\\ 419.4125\\ 419.4125\\ 419.4125\\ 419.425\\ 419.4375\\ 419.4625\\ 419.475\\ 419.4625\\ 419.475\\ 419.525\\ 419.525\\ 419.525\\ 419.525\\ 419.575\\ 419.575\\ 419.625\\ 419.6125\\ 419.625\\ 419.6375\\ \end{array}$	409.3625 409.375 409.375 409.4125 409.4125 409.425 409.4375 409.4375 409.4625 409.4625 409.475 409.4625 409.5125 409.5125 409.525 409.5575 409.5575 409.5875 409.6125 409.6125 409.6375	SAPS
144 145 146 147 148 150 150 152 153 154 155 155 155 155 155 155 155 155 155	$\begin{array}{r} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.425\\ 419.4125\\ 419.425\\ 419.425\\ 419.4375\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.5125\\ 419.5125\\ 419.5125\\ 419.565\\ 419.5655\\ 419.5655\\ 419.5655\\ 419.5675\\ 419.6875\\ 419.6125\\ 419.625\\ 419.625\\ \end{array}$	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.515           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.5625           409.5625           409.6625	SAPS
144 145 146 147 147 150 150 151 152 155 155 155 155 155 155 155 155	$\begin{array}{r} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.412\\ 419.4125\\ 419.4125\\ 419.425\\ 419.4375\\ 419.455\\ 419.4625\\ 419.475\\ 419.475\\ 419.475\\ 419.575\\ 419.575\\ 419.575\\ 419.575\\ 419.575\\ 419.575\\ 419.5675\\ 419.625\\ 419.6125\\ 419.6625\\ 419.675\\ \end{array}$	409.3625 409.375 409.3875 409.4 409.4125 409.4125 409.425 409.4375 409.4375 409.4375 409.4875 409.4875 409.5125 409.5125 409.525 409.525 409.525 409.525 409.5875 409.6125 409.6375 409.6375 409.6375	SAPS
144 145 146 147 148 150 150 151 152 153 155 155 155 155 155 155 155 155 155	419.3625 419.375 419.3875 419.3875 419.425 419.4125 419.425 419.425 419.4375 419.4875 419.4875 419.4875 419.475 419.525 419.525 419.557 419.557 419.5625 419.625 419.625 419.625 419.675 419.675 419.675	409.3625 409.375 409.375 409.425 409.4125 409.425 409.425 409.4375 409.4625 409.475 409.5125 409.525 409.525 409.575 409.575 409.6125 409.6375 409.6375 409.6375 409.6375	SAPS
144 145 146 147 148 150 151 152 153 154 155 155 155 155 155 155 155 160 161 162 163 164 165 166 167 167 168 169 170 177	$\begin{array}{r} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.4875\\ 419.4125\\ 419.425\\ 419.425\\ 419.425\\ 419.4375\\ 419.4875\\ 419.4875\\ 419.4875\\ 419.4875\\ 419.55\\ 419.555\\ 419.555\\ 419.555\\ 419.555\\ 419.575\\ 419.655\\ 419.655\\ 419.675\\ 419.675\\ 419.675\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.6875\\ 419.675\\ 419.7725\\ 419.77$	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.452           409.455           409.5125           409.525           409.555           409.5575           409.5575           409.5575           409.625           409.6875           409.6875           409.7125	SAPS
144 145 146 147 148 150 150 152 155 155 155 155 155 155 155 155 155	419.3625 419.375 419.3875 419.3875 419.425 419.4125 419.425 419.425 419.4375 419.4875 419.4875 419.4875 419.475 419.525 419.525 419.557 419.557 419.5625 419.625 419.625 419.625 419.675 419.675 419.675	409.3625 409.375 409.3875 409.4 409.4125 409.425 409.4375 409.4375 409.4375 409.4875 409.4875 409.5125 409.525 409.525 409.525 409.525 409.525 409.525 409.525 409.525 409.5875 409.625 409.6125 409.6125 409.6375 409.625 409.675 409.675	SAPS
144 145 146 147 148 150 150 152 153 154 155 156 157 158 159 160 161 162 163 164 165 165 166 167 168 168 168 169 170 177 177 173	419.3625 419.375 419.3875 419.4875 419.4125 419.4125 419.425 419.425 419.425 419.4875 419.4825 419.4875 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.575 419.625 419.625 419.625 419.6375 419.6875 419.6875 419.725 419.725 419.725 419.725	409.3625 409.375 409.375 409.425 409.4125 409.425 409.425 409.4375 409.4625 409.4625 409.4625 409.5125 409.5125 409.525 409.5575 409.5575 409.5575 409.5575 409.575 409.6125 409.6375 409.6375 409.6375 409.6375 409.6375 409.7125 409.725 409.725	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 150 150 152 153 154 155 155 155 155 155 155 155 155 160 161 162 163 164 165 166 166 167 168 169 170 171 172 173	$\begin{array}{r} 419.3625\\ 419.375\\ 419.3875\\ 419.3875\\ 419.4875\\ 419.4125\\ 419.425\\ 419.425\\ 419.425\\ 419.425\\ 419.4875\\ 419.4875\\ 419.4875\\ 419.5125\\ 419.5125\\ 419.525\\ 419.525\\ 419.525\\ 419.5625\\ 419.575\\ 419.625\\ 419.625\\ 419.625\\ 419.625\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.65\\ 419.67\\ 419.775\\ 419.7125\\ 419.725\\ 419.725\\ 419.7375\\ \end{array}$	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.5125           409.5125           409.525           409.525           409.525           409.525           409.625           409.7125           409.7125           409.725           409.7375	SAPS
144 145 146 147 148 150 150 152 153 154 155 155 155 155 155 155 155 155 155	$\begin{array}{r} 419.3625\\ 419.375\\ 419.375\\ 419.3875\\ 419.3875\\ 419.3875\\ 419.425\\ 419.425\\ 419.425\\ 419.425\\ 419.425\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.4625\\ 419.5125\\ 419.5125\\ 419.525\\ 419.5375\\ 419.565\\ 419.565\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.655\\ 419.675\\ 419.675\\ 419.75\\ 419.75\\ 419.75\\ 419.75\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.755\\ 419.775\\ 410.775\\ 410.77$	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.455           409.5125           409.525           409.525           409.525           409.525           409.5625           409.5625           409.6625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.7125           409.725           409.7375           409.7375           409.752           409.752           409.775           409.775           409.775           409.775           409.775	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 150 150 152 153 154 155 156 157 157 158 159 160 161 162 163 164 165 166 166 166 166 166 167 170 177 177 177 177 176	$\begin{array}{r} 419.3625\\ 419.375\\ 419.375\\ 419.375\\ 419.375\\ 419.475\\ 419.4125\\ 419.425\\ 419.425\\ 419.425\\ 419.4375\\ 419.4625\\ 419.475\\ 419.452\\ 419.475\\ 419.525\\ 419.525\\ 419.525\\ 419.525\\ 419.555\\ 419.5625\\ 419.625\\ 419.625\\ 419.625\\ 419.625\\ 419.6625\\ 419.6625\\ 419.6625\\ 419.6625\\ 419.775\\ 419.775\\ 419.75\\ 419.755\\ 419.77$	409.3625 409.375 409.375 409.425 409.4125 409.425 409.425 409.4375 409.425 409.457 409.457 409.5125 409.525 409.525 409.525 409.575 409.6125 409.6375 409.6375 409.6375 409.625 409.6375 409.6875 409.7125 409.725 409.725 409.725 409.755	SAPS
144 145 146 147 148 150 150 152 153 154 155 155 155 155 155 155 155 155 155	$\begin{array}{r} 419.3625\\ 419.375\\ 419.375\\ 419.375\\ 419.375\\ 419.375\\ 419.425\\ 419.425\\ 419.425\\ 419.425\\ 419.4375\\ 419.45\\ 419.45\\ 419.45\\ 419.475\\ 419.475\\ 419.475\\ 419.55\\ 419.525\\ 419.525\\ 419.525\\ 419.55\\ 419.55\\ 419.55\\ 419.55\\ 419.625\\ 419.625\\ 419.625\\ 419.6625\\ 419.6625\\ 419.6625\\ 419.6625\\ 419.6625\\ 419.675\\ 419.725\\ 419.725\\ 419.725\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.785\\ 419.825\\ \end{array}$	409.3625           409.375           409.375           409.375           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.451           409.5375           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.525           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.725           409.725           409.725           409.725           409.7875           409.7875           409.7875           409.8125           409.825	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 149 150 151 152 155 156 156 157 158 159 160 161 162 163 164 165 165 165 165 165 165 165 165	419.3625 419.375 419.3875 419.3875 419.3875 419.425 419.425 419.425 419.425 419.425 419.425 419.4625 419.4625 419.5125 419.5125 419.527 419.527 419.65 419.6575 419.6575 419.6575 419.6575 419.6575 419.6575 419.6575 419.6575 419.6575 419.6575 419.675 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775	409.3625           409.375           409.375           409.375           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.5125           409.5125           409.525           409.525           409.525           409.525           409.5675           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.7125           409.725           409.725           409.725           409.725           409.725           409.725           409.725           409.7875	SAPS </td
144 145 146 147 148 149 150 151 152 155 156 156 157 158 166 161 162 163 164 165 165 165 165 165 166 167 177 177 177 177 177 178 180 181 182 183	419.3625 419.375 419.3875 419.3875 419.475 419.4125 419.425 419.425 419.4375 419.4625 419.475 419.4875 419.4875 419.525 419.525 419.525 419.525 419.525 419.5625 419.6625 419.6625 419.6625 419.6625 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.75 419.75 419.75 419.75 419.875 419.875 419.825 419.8375 419.8525	409.3625           409.375           409.375           409.375           409.4125           409.4125           409.425           409.425           409.425           409.425           409.425           409.4375           409.4525           409.4625           409.5125           409.525           409.5512           409.5512           409.551           409.551           409.551           409.551           409.551           409.6125           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.7125           409.725           409.725           409.725           409.75           409.75           409.75           409.75           409.8125           409.8375           409.8375           409.825           409.825	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 150 150 152 153 155 155 155 155 155 155 155	419.3625 419.375 419.3875 419.3875 419.3875 419.425 419.425 419.425 419.4375 419.4625 419.4875 419.4875 419.4875 419.5125 419.525 419.525 419.525 419.575 419.575 419.65 419.65 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.725 419.825 419.825 419.8375	409.3c25           409.375           409.375           409.375           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.452           409.455           409.5125           409.525           409.555           409.5575           409.5575           409.5575           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.725           409.725           409.725           409.725           409.725           409.725           409.725           409.725           409.725           409.8125	SAPS </td
144 145 146 147 148 149 150 151 152 153 155 155 155 155 155 155 155	419.3625           419.375           419.3875           419.3875           419.3875           419.4125           419.425           419.425           419.425           419.425           419.425           419.4625           419.4625           419.475           419.4875           419.4875           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.575           419.575           419.625           419.625           419.625           419.625           419.6375           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.725           419.725           419.725           419.775	409.3625           409.375           409.375           409.3875           409.4125           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.425           409.5125           409.5125           409.525           409.5125           409.525           409.525           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.625           409.726           409.725           409.7375           409.75           409.762           409.775           409.8375           409.8375           409.8375	SAPS </td
144 145 146 147 148 149 150 150 151 152 153 154 155 156 157 157 158 160 161 162 163 164 165 166 166 166 166 167 168 169 170 177 177 178 179 180 181 182 183 184 185 CH. No.	419.3625 419.375 419.375 419.375 419.375 419.425 419.4125 419.425 419.425 419.4375 419.45 419.45 419.475 419.475 419.525 419.525 419.525 419.525 419.525 419.55 419.55 419.55 419.625 419.625 419.625 419.625 419.625 419.6625 419.6625 419.6625 419.6625 419.775 419.7125 419.725 419.825 419.825 419.825 419.825 419.825 419.825 419.825	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.45 409.475 409.475 409.5125 409.5125 409.525 409.525 409.525 409.525 409.525 409.525 409.575 409.6125 409.6125 409.6125 409.6125 409.625 409.625 409.625 409.625 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.875 409.825 409.	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 149 150 150 151 152 153 154 155 156 157 157 158 160 161 162 163 164 165 166 166 166 166 167 168 169 170 177 177 178 179 180 181 182 183 184 185 CH. No.	419.3625           419.375           419.3875           419.3875           419.3875           419.4125           419.425           419.425           419.425           419.425           419.425           419.4625           419.4625           419.475           419.4875           419.4875           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.525           419.575           419.575           419.625           419.625           419.625           419.625           419.6375           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.657           419.725           419.725           419.725           419.775	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.45 409.475 409.475 409.5125 409.5125 409.525 409.525 409.525 409.525 409.525 409.525 409.575 409.6125 409.6125 409.6125 409.6125 409.625 409.625 409.625 409.625 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.875 409.825 409.	SAPS </td
144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 169 160 161 162 163 164 165 166 166 166 166 166 166 166 166 166	419.3625 419.375 419.3875 419.3875 419.475 419.4125 419.425 419.425 419.4375 419.4425 419.4375 419.45 419.45 419.525 419.525 419.525 419.525 419.525 419.55 419.55 419.55 419.625 419.625 419.625 419.625 419.6625 419.6625 419.775 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.875 4	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.45 409.4625 409.525 409.525 409.525 409.525 409.55 409.575 409.6375 409.6375 409.6375 409.6375 409.6375 409.6875 409.6375 409.6875 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.875 409.875 409.825 40	SAPS SAPS
144 145 146 147 148 149 150 151 152 153 154 155 155 156 155 156 157 158 169 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 178 179 180 181 182 183 184 185 CH. No. CH-PLAN CH. No.	419.3625 419.375 419.3875 419.3875 419.3875 419.3875 419.425 419.425 419.425 419.425 419.425 419.4875 419.4875 419.5125 419.5125 419.525 419.525 419.575 419.575 419.625 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.8375 419.8	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.4375 409.425 409.4375 409.45 409.45 409.5125 409.5125 409.5125 409.525 409.525 409.525 409.525 409.525 409.55 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.7125 409.725 409.725 409.725 409.825 800 800 800 800 800 800 800 800 800 80	SAPS SAPS
144 145 146 147 148 149 150 151 152 153 154 155 156 156 156 156 166 167 163 164 166 167 168 166 167 168 166 170 171 172 173 173 176 176 176 177 178 179 180 181 182 183 184 184 185 CH. No. 186 187 188 189	419.3625 419.375 419.3875 419.3875 419.3875 419.3875 419.425 419.425 419.425 419.425 419.425 419.4625 419.4875 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.675 419.625 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.875 419.875 419.825 419.925 419.9375	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.425 409.4375 409.45 409.45 409.5125 409.5125 409.5125 409.5375 409.525 409.5375 409.5375 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.625 409.725 409.725 409.725 409.725 409.725 409.725 409.825 409.	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 149 150 150 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 166 166 166 166 166 166 166 166	419.3625 419.375 419.3875 419.3875 419.475 419.4125 419.425 419.425 419.4375 419.445 419.45 419.45 419.45 419.475 419.525 419.525 419.525 419.525 419.525 419.55 419.55 419.55 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.6625 419.6625 419.6625 419.6625 419.6625 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.75 419.875 419.875 419.875 419.875 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.925 419.925 419.925 419.925 419.925 419.925 419.925 419.925 419.9375	409.3625 409.375 409.375 409.3875 409.4125 409.4125 409.425 409.425 409.4375 409.45 409.4625 409.475 409.525 409.525 409.525 409.525 409.525 409.575 409.5875 409.5875 409.6125 409.6125 409.625 409.625 409.625 409.625 409.625 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.875 409.875 409.875 409.875 409.875 409.875 409.875 409.825 409.925	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
144 145 146 147 148 149 150 150 150 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 166 167 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 CH. No. CH-PLAN CH. No. 186 187 189 190	419.3625 419.375 419.3875 419.3875 419.3875 419.3875 419.425 419.425 419.425 419.425 419.425 419.4625 419.4875 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.625 419.675 419.625 419.675 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.875 419.875 419.825 419.925 419.9375	409.3625 409.375 409.375 409.375 409.4125 409.4125 409.425 409.425 409.4375 409.425 409.475 409.475 409.525 409.525 409.525 409.525 409.525 409.525 409.525 409.525 409.525 409.5375 409.625 409.6125 409.625 409.625 409.625 409.625 409.625 409.625 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.725 409.875 409.875 409.825 409.925 409.925 409.925 409.925 409.925 409.925 409.925 409.925	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 154/198

CH-PLA CH. No.		TRA)	
	N FOR 420	424 975/4	10 414.975MHz 2009 (25kHz)
OTIL INU.	BTX	MTX	REMARKS
1	420	410	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
2	420.025 420.05	410.025 410.05	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
4	420.075	410.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
5	420.1	410.1	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
6	420.125 420.15	410.125 410.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
8	420.175	410.175	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
9	420.2	410.2	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
10 11	420.225 420.25	410.225 410.25	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
12	420.275	410.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
13	420.3	410.3	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
14 15	420.325 420.35	410.325 410.35	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
16	420.375	410.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
17	420.4	410.4	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
18 19	420.425 420.45	410.425 410.45	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
20	420.475	410.475	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
21	420.5	410.5	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
22	420.525	410.525	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
23 24	420.55 420.575	410.55 410.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
25	420.6	410.6	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
26	420.625	410.625	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
27 28	420.65 420.675	410.65 410.675	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
29	420.7	410.7	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
30	420.725	410.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
31 32	420.75 420.775	410.75 410.775	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
33	420.8	410.8	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
34	420.825	410.825	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
35	420.85	410.85	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
36 37	420.875 420.9	410.875 410.9	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
38	420.925	410.925	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
39	420.95	410.95	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
40 41	420.975 421	410.975 411	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
42	421.025	411.025	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
43	421.05	411.05	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
44	421.075	411.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
CH. No.	BTX	MTX	REMARKS
		101075/1	
-	N FOR 420		10_414.975MHz 2009 (25kHz)
CH. No.			
45	BTX 421.1	MTX 411.1	REMARKS
45 46	BTX 421.1 421.125	MTX 411.1 411.125	REMARKS TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47	421.1 421.125 421.15	411.1 411.125 411.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48	421.1 421.125 421.15 421.175	411.1 411.125 411.15 411.175	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47	421.1 421.125 421.15	411.1 411.125 411.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51	421.1 421.125 421.15 421.175 421.2 421.225 421.225 421.25	411.1 411.125 411.15 411.175 411.2 411.225 411.225 411.25	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52	421.1 421.125 421.15 421.175 421.2 421.225 421.25 421.25 421.275	411.1 411.125 411.15 411.175 411.25 411.225 411.25 411.25	TETTRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51	421.1 421.125 421.15 421.2 421.22 421.225 421.225 421.275 421.3	411.1 411.125 411.15 411.175 411.2 411.225 411.25 411.275 411.3	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55	421.1 421.125 421.15 421.175 421.2 421.225 421.25 421.25 421.25 421.325 421.325	411.1 411.125 411.15 411.175 411.2 411.25 411.25 411.25 411.25 411.35	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56	421.1 421.125 421.15 421.175 421.225 421.225 421.225 421.275 421.3 421.325 421.35 421.375	411.1 411.125 411.15 411.175 411.275 411.225 411.225 411.275 411.3 411.325 411.35 411.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 55 56 57	421.1 421.125 421.15 421.175 421.2 421.2 421.2 421.275 421.275 421.325 421.325 421.325 421.375 421.3	411.1 411.125 411.15 411.175 411.2 411.225 411.25 411.275 411.3 411.325 411.325 411.375 411.4	TETTRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56	421.1 421.125 421.15 421.175 421.225 421.225 421.225 421.275 421.3 421.325 421.35 421.375	411.1 411.125 411.15 411.175 411.275 411.225 411.225 411.275 411.3 411.325 411.35 411.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55 56 57 57 58 59 60	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.35 421.35 421.35 421.4 421.475	411.1 411.125 411.15 411.175 411.2 411.225 411.2 411.275 411.3 411.325 411.35 411.35 411.35 411.4 411.425 411.45	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55 55 56 57 58 59 60 61	421.1 421.125 421.15 421.175 421.22 421.225 421.22 421.25 421.275 421.35 421.35 421.35 421.375 421.4 421.425 421.45 421.45	411.1 411.125 411.15 411.15 411.25 411.25 411.25 411.25 411.275 411.35 411.35 411.35 411.35 411.425 411.45 411.475 411.5	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55 56 57 57 58 59 60	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.35 421.35 421.35 421.4 421.475	411.1 411.125 411.15 411.175 411.2 411.225 411.2 411.275 411.3 411.325 411.35 411.35 411.35 411.4 411.425 411.45	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	421.1 421.125 421.15 421.175 421.225 421.225 421.275 421.275 421.3 421.325 421.35 421.35 421.425 421.425 421.475 421.475 421.575	411.1 411.125 411.15 411.175 411.225 411.225 411.225 411.275 411.3 411.325 411.35 411.375 411.4 411.425 411.45 411.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.325 421.475 421.4 421.475 421.525 421.525 421.525 421.525 421.525 421.6	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.275\\ 411.275\\ 411.275\\ 411.275\\ 411.35\\ 411.375\\ 411.375\\ 411.375\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.575\\ 411.575\\ 411.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	421.1 421.125 421.15 421.175 421.22 421.225 421.25 421.275 421.3 421.325 421.375 421.35 421.375 421.35 421.425 421.425 421.475 421.55 421.55 421.625	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.275\\ 411.325\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.475\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.625\\ 411.625\\ \end{array}$	TETRA - MUN-UTLITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTLITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.325 421.475 421.4 421.475 421.525 421.525 421.525 421.525 421.525 421.6	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.275\\ 411.275\\ 411.275\\ 411.275\\ 411.35\\ 411.375\\ 411.375\\ 411.375\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.575\\ 411.575\\ 411.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\ 1.6\\$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 68 68 69	421.1 421.125 421.15 421.175 421.22 421.225 421.25 421.275 421.32 421.325 421.375 421.375 421.375 421.425 421.425 421.475 421.55 421.625 421.625 421.625 421.675 421.7	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.225\\ 411.25\\ 411.25\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.475\\ 411.475\\ 411.55\\ 411.55\\ 411.55\\ 411.625\\ 411.625\\ 411.675\\ 411.675\\ 411.7\end{array}$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.325 421.35 421.475 421.4 421.425 421.475 421.525 421.525 421.525 421.525 421.65 421.675 421.675 421.725	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.275\\ 411.275\\ 411.275\\ 411.275\\ 411.325\\ 411.375\\ 411.375\\ 411.375\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.525\\ 411.575\\ 411.65\\ 411.675\\ 411.675\\ 411.725\\ 411.7$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 67 68 68 69	421.1 421.125 421.15 421.175 421.22 421.225 421.25 421.275 421.32 421.325 421.375 421.375 421.375 421.425 421.425 421.475 421.55 421.625 421.625 421.625 421.675 421.7	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.225\\ 411.25\\ 411.25\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.475\\ 411.475\\ 411.55\\ 411.55\\ 411.55\\ 411.625\\ 411.625\\ 411.675\\ 411.675\\ 411.7\end{array}$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 64 65 66 67 68 80 9 70 71 72 73	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.35 421.35 421.475 421.475 421.475 421.475 421.525 421.675 421.675 421.675 421.725 421.75 421.75 421.75 421.75 421.75	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.225\\ 411.275\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.55\\ 411.55\\ 411.55\\ 411.675\\ 411.65\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.775\\ 411.775\\ 411.775\\ 411.775\\ 411.8\\$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 56 56 57 58 59 60 61 62 66 61 62 63 64 65 66 63 64 65 66 67 70 71 72 73 74	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.25 421.27 421.35 421.35 421.35 421.35 421.35 421.35 421.425 421.425 421.425 421.425 421.55 421.55 421.55 421.625 421.625 421.675 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.825	411.1 411.125 411.15 411.15 411.25 411.25 411.25 411.25 411.25 411.35 411.35 411.35 411.35 411.35 411.35 411.425 411.425 411.425 411.55 411.55 411.55 411.625 411.675 411.675 411.75 411.75 411.75 411.75 411.75 411.75 411.75 411.75 411.75 411.75 411.825	TETTRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUB
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 64 65 66 67 68 80 9 70 71 72 73	421.1 421.125 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.35 421.35 421.475 421.475 421.475 421.475 421.525 421.675 421.675 421.675 421.725 421.75 421.75 421.75 421.75 421.75	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.225\\ 411.275\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.55\\ 411.55\\ 411.55\\ 411.675\\ 411.65\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.775\\ 411.775\\ 411.775\\ 411.775\\ 411.8\\$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 76 77	421.1 421.125 421.15 421.175 421.22 421.225 421.25 421.275 421.3 421.325 421.375 421.375 421.375 421.375 421.425 421.425 421.425 421.425 421.475 421.55 421.625 421.625 421.675 421.675 421.77 421.77 421.775 421.825 421.825 421.825 421.825 421.825 421.825	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.45\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.675\\ 411.675\\ 411.675\\ 411.77\\ 411.77\\ 411.75\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.875\\ 411.9$	TETTRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUB
46           47           48           49           50           51           52           53           54           55           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           73           74           75           76           77           78	421.1 421.125 421.15 421.15 421.25 421.2 421.225 421.275 421.325 421.325 421.325 421.325 421.35 421.35 421.475 421.475 421.475 421.475 421.525 421.55 421.675 421.6 421.675 421.65 421.725 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.925	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.225\\ 411.275\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.675\\ 411.675\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.825\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.875\\ 411.85\\ 411.875\\ 411.925\\ 411.9$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46           47           48           49           50           51           52           53           54           55           56           57           58           59           60           61           62           63           64           65           66           67           70           71           72           73           74           75           76           77           78           79	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.27 421.25 421.3 421.35 421.35 421.35 421.35 421.35 421.35 421.475 421.425 421.475 421.55 421.65 421.65 421.65 421.65 421.65 421.65 421.65 421.75 421.75 421.75 421.75 421.75 421.85 421.85 421.85 421.85 421.85 421.95	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.45\\ 411.45\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.65\\ 411.65\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 411.$	TETTA - MUN-UTLITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTLITIES AND
46           47           48           49           50           51           52           53           54           55           57           58           59           60           61           62           63           64           65           66           67           68           69           70           71           73           74           75           76           77           78	421.1 421.125 421.15 421.15 421.25 421.2 421.225 421.275 421.325 421.325 421.325 421.325 421.35 421.35 421.475 421.475 421.475 421.475 421.525 421.55 421.675 421.6 421.675 421.65 421.725 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.925	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.225\\ 411.275\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.675\\ 411.675\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.825\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.875\\ 411.85\\ 411.875\\ 411.925\\ 411.9$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 51 52 53 54 55 56 57 58 59 60 61 62 63 64 66 66 67 68 69 70 71 72 73 74 75 76 76 77 78 80 81 82	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.25 421.25 421.35 421.35 421.35 421.35 421.35 421.35 421.425 421.425 421.425 421.425 421.425 421.55 421.55 421.55 421.625 421.625 421.675 421.675 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.825 421.825 421.825 421.825 421.825 421.825 421.825 421.95 421.95 422.95	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.425\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.625\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 412.025$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 76 77 78 79 81 82 83	421.1 421.125 421.15 421.15 421.175 421.2 421.225 421.275 421.275 421.325 421.325 421.325 421.325 421.325 421.35 421.475 421.475 421.475 421.475 421.475 421.525 421.575 421.6 421.625 421.675 421.65 421.675 421.775 421.775 421.775 421.775 421.775 421.775 421.775 421.775 421.775 421.775 421.85 421.85 421.85 421.925 421.975 422.05	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.27\\ 411.275\\ 411.275\\ 411.275\\ 411.375\\ 411.375\\ 411.375\\ 411.375\\ 411.375\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.575\\ 411.65\\ 411.675\\ 411.675\\ 411.675\\ 411.775\\ 411.775\\ 411.775\\ 411.775\\ 411.775\\ 411.775\\ 411.85\\ 411.825\\ 411.85\\ 411.825\\ 411.85\\ 411.825\\ 411.85\\ 411.975\\ 411.925\\ 411.975\\ 411.925\\ 411.975\\ 412.025\\ 412.05$	TETTA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 51 52 53 54 55 56 57 58 59 60 61 62 63 64 66 66 67 68 69 70 71 72 73 74 75 76 76 77 78 80 81 82	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.25 421.25 421.35 421.35 421.35 421.35 421.35 421.35 421.425 421.425 421.425 421.425 421.425 421.55 421.55 421.55 421.625 421.625 421.675 421.675 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.75 421.825 421.825 421.825 421.825 421.825 421.825 421.825 421.95 421.95 422.95	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.425\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.625\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 412.025\\ 412.025\\ 412.025\\ 412.025\\ 412.025\\ 412.025\\ 411.05\\ 412.025$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46           47           48           49           50           51           52           56           57           58           59           60           61           62           63           64           65           66           67           70           71           72           74           75           76           77           78           79           80           83           84           85	421.1 421.15 421.15 421.15 421.15 421.25 421.275 421.275 421.275 421.325 421.325 421.35 421.35 421.35 421.475 421.475 421.475 421.475 421.475 421.525 421.525 421.675 421.675 421.675 421.675 421.725 421.725 421.725 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.925 421.925 421.925 422.05 422.05 422.155 422.155 422.155 422.155 422.155 422.155 421.85 421.85 421.85 421.925 421.925 421.925 422.05 422.05 422.155 422.155 422.155 422.155 422.155 421.85 421.85 421.925 422.05 422.05 422.155 422.1	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.27\\ 411.27\\ 411.275\\ 411.275\\ 411.3\\ 411.325\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.525\\ 411.55\\ 411.55\\ 411.55\\ 411.675\\ 411.675\\ 411.675\\ 411.675\\ 411.675\\ 411.675\\ 411.65\\ 411.675\\ 411.8\\ 411.825\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.205\\ 411.205\\ 412.025\\ 412.05\\ 412.05\\ 412.125\\ 4$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 56 57 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 6 77 78 80 81 82 83 84 85 86	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.27 421.25 421.3 421.35 421.35 421.35 421.35 421.35 421.35 421.475 421.425 421.425 421.475 421.55 421.55 421.55 421.65 421.65 421.65 421.65 421.65 421.65 421.75 421.75 421.75 421.75 421.75 421.75 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.95 421.95 422.95 422.05 422.15	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.45\\ 411.45\\ 411.45\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.65\\ 411.65\\ 411.65\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.25\\ 412.05\\ 412.15\\ 412.$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 55 56 56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 76 77 77 78 80 81 81 83 84 85	421.1 421.15 421.15 421.15 421.25 421.27 421.27 421.275 421.275 421.325 421.325 421.375 421.375 421.375 421.475 421.475 421.475 421.475 421.475 421.525 421.525 421.625 421.625 421.675 421.675 421.775 421.775 421.775 421.775 421.775 421.775 421.775 421.85 421.85 421.825 421.975 421.925 422.05 422.175 422.175	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.27\\ 411.275\\ 411.275\\ 411.275\\ 411.275\\ 411.375\\ 411.375\\ 411.375\\ 411.375\\ 411.375\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.475\\ 411.625\\ 411.625\\ 411.65\\ 411.675\\ 411.675\\ 411.775\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.825\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.975\\ 411.205\\ 411.975\\ 412.025\\ 412.05\\ 412.175\\ 412.$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL
46 47 48 49 50 51 52 53 54 55 56 57 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 6 77 78 80 81 82 83 84 85 86	421.1 421.125 421.15 421.15 421.25 421.25 421.25 421.27 421.25 421.3 421.35 421.35 421.35 421.35 421.35 421.35 421.475 421.425 421.425 421.475 421.55 421.55 421.55 421.65 421.65 421.65 421.65 421.65 421.65 421.75 421.75 421.75 421.75 421.75 421.75 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.85 421.95 421.95 422.95 422.05 422.15	$\begin{array}{r} 411.1\\ 411.125\\ 411.15\\ 411.15\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.25\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.35\\ 411.425\\ 411.425\\ 411.45\\ 411.45\\ 411.45\\ 411.45\\ 411.55\\ 411.55\\ 411.55\\ 411.55\\ 411.65\\ 411.65\\ 411.65\\ 411.65\\ 411.675\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.75\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.85\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.95\\ 411.25\\ 412.05\\ 412.15\\ 412.$	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBL

No. 41854 **461** 

Page 155/198

CH. No. 92 93 94 95 96 97 98 99 100 101 101 102 103	BTX 422.275 422.3 422.325 422.35 422.35 422.375 422.4 422.425	MTX 412.275 412.3 412.325 412.35 412.375 412.4	REMARKS TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - SECUNDA - RADIO ROOM 1.
94 95 96 97 98 99 100 101 102 103	422.325 422.35 422.375 422.4	412.325 412.35 412.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - SECUNDA - RADIO ROOM 1.
96 97 98 100 101 102 103	422.35 422.375 422.4	412.35 412.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - SECUNDA - RADIO ROOM 1.
97 98 99 100 101 102 103	422.4		
99 100 101 102 103			TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
101 102 103	422.45	412.425 412.45	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
103	422.475 422.5	412.475 412.5	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
	422.525	412.525 412.55	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
104 105	422.575 422.6	412.575 412.6	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
106	422.625	412.625	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
107 108	422.65 422.675	412.65 412.675	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
109 110	422.7 422.725	412.7 412.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
111	422.75 422.775	412.75 412.775	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
113	422.8	412.8	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
114 115	422.825 422.85	412.825 412.85	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
116 117	422.875 422.9	412.875 412.9	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
118 119	422.925 422.95	412.925 412.95	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
120	422.975	412.975	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
121 122	423 423.025	413 413.025	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
123 124	423.05 423.075	413.05 413.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
125 126	423.1 423.125	413.1 413.125	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
127	423.15	413.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
128 129	423.175 423.2	413.175 413.2	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
130 131	423.225 423.25	413.225 413.25	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
132 133	423.275	413.275 413.3	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
134	423.325	413.325	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
135 136	423.35 423.375	413.35 413.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
137 138	423.4 423.425	413.4 413.425	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
CH. No.	BTX	MTX	REMARKS
			10 414.975MHz 2009 (25kHz)
CH. No. 139	BTX 423.45	MTX 413.45	REMARKS TETRA - MUN-UTILITIES - COUNTRY WIDE
140	423.475	413.475	TETRA - MUN-UTILITIES - COUNTRY WIDE
141 142	423.5 423.525	413.5 413.525	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
143 144	423.55 423.575	413.55 413.575	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
145 146	423.6 423.625	413.6 413.625	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
147	423.65	413.65	TETRA - MUN-UTILITIES - COUNTRY WIDE
148 149	423.675 423.7	413.675 413.7	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
150 151	423.725 423.75	413.725 413.75	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
152 153	423.775 423.8	413.775 413.8	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
154	423.825	413.825	TETRA - MUN-UTILITIES - COUNTRY WIDE
155 156	423.85 423.875	413.85 413.875	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
157 158	423.9 423.925	413.9 413.925	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
159 160	423.95 423.975	413.95 413.975	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
161	424	414 414.025	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
162 163	424.025 424.05	414.05	TETRA - SEE DATABASE.
164 165	424.075 424.1	414.075 414.1	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
166 167	424.125 424.15	414.125 414.15	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
168 169	424.15 424.175 424.2	414.15 414.175 414.2	TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
170	424.225	414.225	TETRA - SEE DATABASE.
171 172	424.25 424.275	414.25 414.275	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
173 174	424.3 424.325	414.3 414.325	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
175 176	424.35 424.375	414.35	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
177	424.4	414.4	TETRA - SEE DATABASE.
178 179	424.425 424.45	414.425 414.45	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
180 181	424.475 424.5	414.475 414.5	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
182	424.525	414.525 414.55	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
184	424.575	414.575	TETRA - MUN-UTILITIES - COUNTRY WIDE
185	424.6	414.6	TETRA - SEE DATABASE.
	втх N FOR 420	MTX 424 975/4	REMARKS 10 414.975MHz 2009 (25kHz)
CH. No.	BTX	MTX	REMARKS
186 187	424.625 424.65	414.625 414.65	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
188	424.675	414.675	TETRA - SEE DATABASE. TETRA - SEE DATABASE.
190	424.725	414.725	TETRA - MUN-UTILITIES - COUNTRY WIDE
191 192	424.75 424.775	414.75 414.775	TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
	424.8 424.825	414.8 414.825	TETRA - SEE DATABASE. TETRA - MUN-UTILITIES - COUNTRY WIDE
193 194	424.85	414.85	TETRA - MUN-UTILITIES - COUNTRY WIDE
194 195	424 875		
194 195 196 197	424.875 424.9	414.875 414.9	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE
194 195 196 197 198 199	424.9 424.925 424.95	414.9 414.925 414.95	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
194 195 196 197 198	424.9 424.925	414.9 414.925	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - MUN-UTILITIES - COUNTRY WIDE

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 156/198

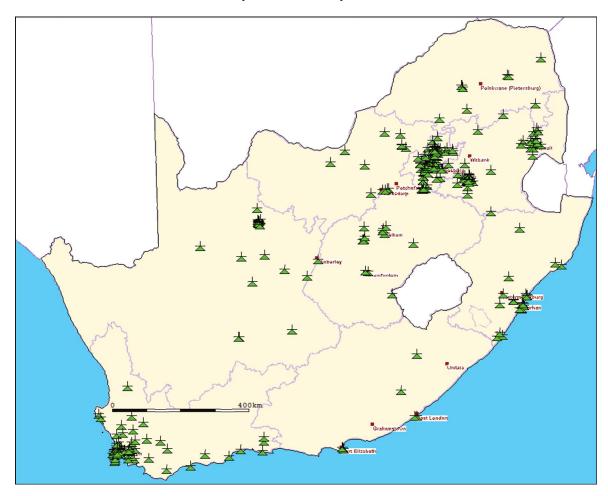
MOBILE D	<u>ATA</u>		
CHANNE		R 423-423 7	/ 625/413-413.7625MHz 2003 (12.5kHz)
CH. No.	BTX	MTX	REMARKS
1	423	413	WBS
2	423.0125	413.0125	WBS
3	423.025	413.025	WBS
4	423.0375	413.0375	WBS
5	423.05	413.05	WBS
6	423.0625	413.0625	WBS
7	423.075	413.075	WBS
8	423.0875	413.0875	WBS
9	423.1	413.1	WBS
10	423.1125	413.1125	WBS
11	423,125	413.125	WBS
12	423.1375	413.1375	WBS
13	423.15	413.15	WBS
14	423.1625	413.1625	WBS
15	423.175	413.175	WBS
16	423.1875	413.1875	WBS AVAILABLE
17	423.2	413.2	WBS MIGRATION X2
18	423.2125	413.2125	WBS
19	423.225	413.225	WBS
20	423.2375	413.2375	WBS
21	423.25	413.25	WBS
22	423.2625	413.2625	WBS
23	423.275	413.275	SEE DATABASE.
24	423.2875	413.2875	SEE DATABASE.
25	423.3	413.3	SEE DATABASE.
26	423.3125	413.3125	SEE DATABASE.
27	423.325	413.325	SEE DATABASE.
28	423.3375	413.3375	SEE DATABASE.
29	423.35	413.35	SEE DATABASE.
30	423.3625	413.3625	SEE DATABASE.
31	423.375	413.375	SEE DATABASE.
32	423.3875	413.3875	SEE DATABASE.
33	423.4	413.4	SEE DATABASE.
34	423.4125	413.4125	SEE DATABASE.
35	423.425	413.425	SEE DATABASE.
36	423.4375	413.4375	SEE DATABASE.
37	423.45	413.45	SEE DATABASE.
38	423.4625	413.4625	SEE DATABASE.
39	423.475	413.475	SEE DATABASE.
40	423.4875	413.4875	SEE DATABASE.
41	423.5	413.5	SEE DATABASE.
42	423.5125	413.5125	SEE DATABASE.
43	423.525	413.525	SEE DATABASE.
44	423.5375	413.5375	SEE DATABASE.
CH. No.	BTX	MTX	REMARKS
HANNF	L PLAN FO	R 423-423 7	625/413-413.7625MHz 2003 (12.5kHz)
CH. No.	BTX	MTX	REMARKS
45	423.55	413.55	SEE DATABASE.
46	423.5625	413.5625	SEE DATABASE.
47	423.575	413.575	SEE DATABASE.
48	423.5875	413.5875	SEE DATABASE.
49	423.6	413.6	SEE DATABASE.
50	423.6125	413.6125	SEE DATABASE.
51	423.625	413.625	SEE DATABASE.
52	423.6375	413.6375	SEE DATABASE.
53	423.65	413.65	SEE DATABASE.
53 54	423.6625	413.6625	SEE DATABASE.
54 55	423.675	413.675	SEE DATABASE.
	423.6875	413.6875	SEE DATABASE.
	423.6875	413.6875	SEE DATABASE.
56 57			
57			
57 58	423.7125	413.7125	SEE DATABASE.
57			

### **1.7.2** Licensing information for the applicable frequency allocation

406 to 410 MHz: There are 3326 Licenses issued in this band 410 to 420 MHz: There are 681 Licenses issued in this band 420 to 430 MHz: There are 1052 Licenses issued in this band

No. 41854 **463** 

Page 157/198



## 1.7.3 Areas where licensed frequencies are operational.

Page 158/198

# 1.8 Applicable Frequency Allocation and Band information 440 MHz to 450 MHz

Use of this band for PPDR to be studied

Frequency Band under investigation 440 MHz to 450 MHz

FIXED

MOBILE except aeronautical mobile

Frequency Sub bands

Pairings

FIXED BTX: 440 to 441.1 MHz paired with MTX 445 to 446.1 MHz

Mobile BTX 441.1 – 445 MHz paired with MTX 446.1 to 450 MHz

Single Frequency Mobile Allocations

Channels 440.0125, 440.3625, 445.0125 and 445.3625 MHz are used for Agricultural Telemetry

Channels 440 to 440.1 and 445 to 445.1 are used for simplex.

Channels 440.275, 440.2875, 445.2750, 445.2875, 440.375 and 445.375 MHz are roving simplex channels

No. 41854 465

Page 159/198

	HANNEL PLA	N FOR UHF T	ELEMETRY & ALARM BANDS
		440-441/4	45-446 MHz
CHANNEL NO	FREQUENCYA	FREQUENCY B	NOTE
1	440	445	SEE DATABASE.
2	440.0125	445.0125	SEE DATABASE.
3	440.025	445.025	SEE DATABASE.
4	440.0375	445.0375	SEE DATABASE.
5	440.05	445.05	SEE DATABASE.
6	440.0625	445.0625	SEE DATABASE.
8	440.075 440.0875	445.075	SEE DATABASE.
8	440.0875	445.0875 445.1	SEE DATABASE. SEE DATABASE.
	440.1		SEE DATABASE.
10 11	440.1125	445.1125 445.125	SEE DATABASE.
			SEE DATABASE.
12	440.1375 440.15	445.1375	SEE DATABASE. SEE DATABASE.
		445.15 445.1625	
14 15	440.1625 440.175	445.175	SEE DATABASE. SEE DATABASE.
16	440.1875	445.1875	SEE DATABASE.
10	440.2	445.2	SEE DATABASE.
18	440.2125	445.2125	SEE DATABASE.
19	440.225	445.225	SEE DATABASE.
20	440.2375	445.2375	SEE DATABASE.
20	440.2373	445.25	SEE DATABASE.
22	440.2625	445.2625	SEE DATABASE.
22	440.2625	445.2625	SEE DATABASE.
23	440.2875	445.2875	SEE DATABASE.
25	440.3	445.3	SEE DATABASE.
26	440.3125	445.3125	SEE DATABASE.
20	440.325	445.325	SEE DATABASE.
28	440.3375	445.3375	SEE DATABASE.
29	440.35	445.35	SEE DATABASE.
30	440.3625	445.3625	SEE DATABASE.
31	440.375	445.375	SEE DATABASE.
32	440.3875	445.3875	SEE DATABASE.
33	440.4	445.4	SEE DATABASE.
34	440,4125	445.4125	SEE DATABASE.
35	440.425	445,425	SEE DATABASE.
36	440.4375	445.4375	SEE DATABASE.
37	440.45	445.45	SEE DATABASE.
38	440.4625	445.4625	SEE DATABASE.
39	440.475	445.475	SEE DATABASE.
40	440.4875	445.4875	SEE DATABASE.
41	440.5	445.5	SEE DATABASE.
42	440.5125	445.5125	SEE DATABASE.
43	440.525	445.525	SEE DATABASE.
44	440.5375	445.5375	SEE DATABASE.
45	440.55	445.55	SEE DATABASE.
46	440.5625	445.5625	SEE DATABASE.
47	440.575	445.575	SEE DATABASE.
48	440.5875	445.5875	SEE DATABASE.
49	440.6	445.6	SEE DATABASE.
50	440.6125	445.6125	SEE DATABASE.
51	440.625	445.625	SEE DATABASE.
52	440.6375	445.6375	SEE DATABASE.
53	440.65	445.65	SEE DATABASE.
54	440.6625	445.6625	SEE DATABASE.
55	440.675	445.675	SEE DATABASE.
56	440.6875	445.6875	
57			SEE DATABASE.
57	440.7	445.7	SEE DATABASE. SWIFTNET MIGRATION - NO ASSIGNMENTS
57			
	440.7	445.7	SWIFTNET MIGRATION - NO ASSIGNMENTS
58	440.7 440.7125	445.7 445.7125	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59	440.7 440.7125 440.725 440.7375 440.75	445.7 445.7125 445.725	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60	440.7 440.7125 440.725 440.7375	445.7 445.7125 445.725 445.7375	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61	440.7 440.7125 440.725 440.7375 440.75	445.7 445.7125 445.725 445.7375 445.75 445.7625 445.775	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62	440.7 440.7125 440.725 440.7375 440.75 440.7625	445.7 445.7125 445.725 445.7375 445.75 445.7625	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63	440.7 440.7125 440.725 440.7375 440.75 440.7625 440.775 440.7875 440.7875	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.775 445.7875 445.8	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 63 64	440.7 440.7125 440.725 440.7375 440.75 440.7625 440.775 440.775	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.775 445.775	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 63 64 65	440.7 440.7125 440.725 440.7375 440.75 440.7625 440.775 440.7875 440.8	445.7 445.7125 445.725 445.735 445.75 445.75 445.7625 445.775 445.7875 445.8 445.8125 445.825	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66	440.7 440.7125 440.725 440.7375 440.75 440.75 440.775 440.7875 440.8	445.7 445.7125 445.725 445.7375 445.75 445.75 445.775 445.7875 445.8 445.8	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 66 67 68 69	440.7 440.7125 440.725 440.7375 440.75 440.75 440.7625 440.7875 440.7875 440.8125 440.825 440.8375 440.8375	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.7875 445.7875 445.7875 445.8125 445.825 445.8375 445.8375	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 66 67 68 69 70	440.7 440.725 440.7375 440.737 440.75 440.765 440.775 440.7875 440.875 440.8125 440.8125 440.8375 440.8375 440.85	445.7 445.7125 445.725 445.7375 445.75 445.75 445.7875 445.7875 445.8 445.8125 445.825 445.8375 445.85 445.85 445.8625	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 65 66 67 68 69 70 71	440.7 440.7125 440.7375 440.7375 440.75 440.7625 440.775 440.7875 440.8775 440.8125 440.825 440.8375 440.825 440.8625 440.875	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.775 445.7875 445.8775 445.8125 445.825 445.8375 445.825 445.8625 445.875	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 66 67 68 69 70	440.7 440.7125 440.725 440.7375 440.75 440.75 440.7875 440.7875 440.8125 440.8125 440.8375 440.8375 440.8375 440.875	445.7 445.7125 445.725 445.7375 445.75 445.75 445.785 445.7875 445.8 445.8125 445.825 445.8375 445.85 445.85 445.8625	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	440.7 440.7125 440.725 440.75 440.75 440.75 440.775 440.7875 440.7875 440.8125 440.825 440.8375 440.825 440.85 440.8875 440.8875 440.9	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.7875 445.7875 445.8125 445.8125 445.8375 445.8375 445.825 445.8625 445.8875 445.8875 445.9	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 66 67 68 69 70 71 71 72 73 74	440.7 440.7125 440.725 440.7375 440.75 440.75 440.7875 440.7875 440.8125 440.8125 440.8375 440.8375 440.8375 440.875	445.7 445.7125 445.725 445.737 445.7625 445.7625 445.7875 445.7875 445.8875 445.8125 445.8375 445.8375 445.8625 445.875	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	440.7 440.7125 440.725 440.75 440.75 440.75 440.775 440.7875 440.7875 440.8125 440.825 440.8375 440.825 440.85 440.8875 440.8875 440.9	445.7 445.7125 445.725 445.7375 445.7625 445.7625 445.7875 445.7875 445.8125 445.8125 445.8375 445.8375 445.825 445.8625 445.8875 445.8875 445.9	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76	440.7 440.7125 440.725 440.7375 440.75 440.7625 440.7875 440.7875 440.8125 440.825 440.8375 440.8375 440.8625 440.8375 440.875 440.875 440.925	445.7 445.7125 445.725 445.737 445.7625 445.7625 445.7875 445.7875 445.8875 445.825 445.8375 445.8375 445.8625 445.875 445.875 445.925 445.925 445.9375	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	440.7 440.7125 440.7375 440.7375 440.75 440.7625 440.7875 440.875 440.8125 440.825 440.825 440.8375 440.825 440.875 440.875 440.875 440.925	445.7 445.7125 445.7375 445.7375 445.7625 445.7625 445.775 445.875 445.8125 445.8125 445.825 445.8375 445.8625 445.8625 445.875 445.875 445.925 445.925 445.925	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77           78	440.7 440.7125 440.7375 440.7375 440.75 440.7625 440.7875 440.825 440.825 440.825 440.825 440.825 440.825 440.8625 440.975 440.925 440.95	445.7 445.725 445.7375 445.7625 445.7625 445.7875 445.7875 445.827 445.825 445.825 445.825 445.825 445.825 445.8625 445.925 445.925 445.925 445.95 9 445.955	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
58           59           60           61           62           63           64           65           66           67           68           69           70           71           72           73           74           75           76           77	440.7 440.7125 440.725 440.7375 440.737 440.765 440.765 440.775 440.875 440.8125 440.8125 440.825 440.8375 440.85 440.8625 440.8875 440.8875 440.99 440.9125 440.925	445.7 445.7125 445.7375 445.7375 445.7625 445.7625 445.775 445.875 445.8125 445.8125 445.825 445.8375 445.8625 445.8625 445.875 445.875 445.925 445.925 445.925	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS

# **1.8.1** Channel Plan for the Frequency Allocation

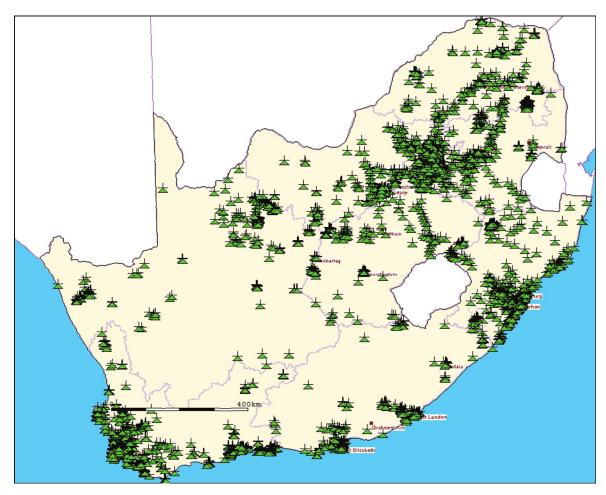
GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 160/198

## **1.8.2** Licensing information for the applicable frequency allocation

There are 3759 Licenses issued in this band 440 to 441 MHz There are 4243 Licenses issued in this band 445 to 446 MHz

There are 1170 Licenses issued in this band 441.1 to 445 MHz There are 1486 Licenses issued in this band 446.1 to 450 MHz



### **1.8.3** Areas where licensed frequencies are operational.

No. 41854 467

Page 161/198

# 1.9 Applicable Frequency Allocation and Band information 450 MHz to 470 MHz

Band is identified for IMT (450)

Frequency Band under investigation 450 MHz to 470 MHz FIXED MOBILE

Frequency Sub bands

Pairings

FIXED 450 to 453 MHz paired with BTX 460 to 463 MHz Trunked Mobile 3 MTX 454.425 to 460 MHz paired with BTX 464.425 to 470 MHz

Paging MTX 454 to 454.425 MHz Low Power Mobile: 463.975, 464.125, 464.175, 464.325, 464.375 MHz Security Systems: 464.5375 MHz Non Specified SRD's: 464.5 to 464.5875 MHz

Single Frequency Mobile Allocations 453 to 454 MHz 463.025 to 463.975 MHz 464.375 to 464.425

1.9.1 Channel Plan for the Frequency Allocation

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 162/198

CH-PLAN FOR 450         452.9875/460         462.9875MHz 2005 (12.5 kl           CH-No.         BTX         MTX         REMARKS           2         450.0125         460.025         SEE DATABASE           3         450.025         460.0375         SEE DATABASE           4         450.0375         460.0375         SEE DATABASE           5         440.025         460.0375         SEE DATABASE           6         450.0856         460.0875         SEE DATABASE           7         450.075         460.075         SEE DATABASE           8         450.0876         460.175         SEE DATABASE           10         450.125         460.125         SEE DATABASE           11         450.125         460.126         SEE DATABASE           13         450.157         460.176         SEE DATABASE           14         450.127         460.176         SEE DATABASE           16         450.176         460.176         SEE DATABASE           18         450.225         460.237         SEE DATABASE           19         450.225         460.237         SEE DATABASE           20         450.237         460.33         SEE DATABASE           21<	BTX         MTX         REMARKS           450         460         125         SEE DATABASE           450.025         460.025         SEE DATABASE           450.0375         460.0375         SEE DATABASE           450.0375         460.0375         SEE DATABASE           450.057         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.0875         SEE DATABASE           450.075         460.0875         SEE DATABASE           450.125         460.125         SEE DATABASE           450.1375         460.125         SEE DATABASE           450.1375         460.125         SEE DATABASE           450.1375         460.125         SEE DATABASE           450.1375         460.22         SEE DATABASE           450.22         460.23         SEE DATABASE           450.235         460.27         SEE DATABASE           450.240         460.27         SEE DATABASE           450.225         460.27         SEE DATABASE           450.225         460.27         SEE DATABASE           450.225         460.27         SEE DATABASE           450.225         460.27
1         460         SEE DATABASE           2         450.0125         460.025         SEE DATABASE           3         450.025         460.025         SEE DATABASE           4         450.037         460.075         SEE DATABASE           6         450.062         A60.075         SEE DATABASE           7         450.075         460.075         SEE DATABASE           9         460.1         SEE DATABASE         1           9         460.1         SEE DATABASE         1           9         460.1         460.1375         SEE DATABASE           10         450.175         460.1375         SEE DATABASE           11         450.175         460.1375         SEE DATABASE           12         450.175         460.1375         SEE DATABASE           14         450.175         460.212         SEE DATABASE           16         450.175         460.212         SEE DATABASE           18         450.212         460.212         SEE DATABASE           21         440.237         460.275         SEE DATABASE           22         450.275         460.275         SEE DATABASE           23         450.325         460.32	450         460         SEE DATABASE           450.025         460.025         SEE DATABASE           450.0375         460.025         SEE DATABASE           450.051         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.112         460.128         SEE DATABASE           450.112         460.128         SEE DATABASE           450.125         460.126         SEE DATABASE           450.125         460.126         SEE DATABASE           450.127         460.137         SEE DATABASE           450.127         460.137         SEE DATABASE           450.216         460.212         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.237         460.237         SEE DATABASE           450.237         460.275         SEE DATABASE           450.246         460.275
2         460.0125         SEE DATABASE           3         450.025         440.025         SEE DATABASE           4         450.0375         460.0375         SEE DATABASE           5         450.05         440.05         SEE DATABASE           6         450.075         460.075         SEE DATABASE           7         450.075         460.075         SEE DATABASE           9         450.1         460.126         SEE DATABASE           9         450.1         460.126         SEE DATABASE           10         450.126         460.126         SEE DATABASE           112         450.127         460.126         SEE DATABASE           12         450.127         460.126         SEE DATABASE           13         450.127         460.127         SEE DATABASE           14         450.122         460.225         SEE DATABASE           15         450.127         460.225         SEE DATABASE           16         450.275         460.275         SEE DATABASE           20         450.275         460.275         SEE DATABASE           21         450.275         460.275         SEE DATABASE           22         450.275	450.0125         460.025         SEE DATABASE           450.025         460.0375         SEE DATABASE           450.051         460.052         SEE DATABASE           450.052         460.0625         SEE DATABASE           450.057         460.075         SEE DATABASE           450.057         460.075         SEE DATABASE           450.112         460.1125         SEE DATABASE           450.112         460.1125         SEE DATABASE           450.112         460.1125         SEE DATABASE           450.112         460.1125         SEE DATABASE           450.113         460.1157         SEE DATABASE           450.112         460.1175         SEE DATABASE           450.1125         460.225         SEE DATABASE           450.1127         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.275         SEE DATABASE           450.225         460.275         SEE DATABASE           450.225         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.225         460.275
3       450.025       460.025       SEE DATABASE         4       450.075       460.025       SEE DATABASE         6       450.025       460.025       SEE DATABASE         7       450.075       460.075       SEE DATABASE         9       460.15       460.075       SEE DATABASE         9       460.15       460.125       SEE DATABASE         10       440.125       SEE DATABASE       11         14       450.157       460.157       SEE DATABASE         11       450.175       460.175       SEE DATABASE         11       450.175       460.175       SEE DATABASE         12       450.175       460.175       SEE DATABASE         16       450.175       460.275       SEE DATABASE         17       450.212       460.225       SEE DATABASE         18       450.2125       460.226       SEE DATABASE         20       450.2375       460.275       SEE DATABASE         21       450.275       460.275       SEE DATABASE         22       450.275       460.275       SEE DATABASE         23       450.275       460.375       SEE DATABASE         24       450.275 <td>450.025         460.025         SEE DATABASE           450.0375         460.05         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.125         460.13         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.126         SEE DATABASE           450.125         460.126         SEE DATABASE           450.125         460.127         SEE DATABASE           450.127         460.1375         SEE DATABASE           450.225         460.227         SEE DATABASE           450.237         460.327         SEE DATABASE           450.237         460.327         SEE DATABASE           450.237         460.327         SEE DATABASE           450.337         460.337</td>	450.025         460.025         SEE DATABASE           450.0375         460.05         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.125         460.13         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.126         SEE DATABASE           450.125         460.126         SEE DATABASE           450.125         460.127         SEE DATABASE           450.127         460.1375         SEE DATABASE           450.225         460.227         SEE DATABASE           450.237         460.327         SEE DATABASE           450.237         460.327         SEE DATABASE           450.237         460.327         SEE DATABASE           450.337         460.337
4         440.0375         440.0375         SEE DATABASE           5         440.025         440.075         SEE DATABASE           7         440.075         440.075         SEE DATABASE           8         450.075         440.075         SEE DATABASE           9         4450.1         440.125         SEE DATABASE           9         4450.1         SEE DATABASE         SEE DATABASE           10         450.1125         440.125         SEE DATABASE           11         440.125         440.125         SEE DATABASE           14         440.125         440.125         SEE DATABASE           16         440.125         440.125         SEE DATABASE           16         440.127         440.127         SEE DATABASE           17         450.22         440.237         SEE DATABASE           20         440.25         440.275         SEE DATABASE           21         450.25         440.275         SEE DATABASE           22         440.275         440.275         SEE DATABASE           23         440.275         440.275         SEE DATABASE           24         440.275         440.275         SEE DATABASE           25<	480.0375         480.0375         SEE DATABASE           450.052         460.0025         SEE DATABASE           450.0057         460.0075         SEE DATABASE           450.015         460.0075         SEE DATABASE           450.0125         460.1075         SEE DATABASE           450.1125         460.1125         SEE DATABASE           450.1126         460.1125         SEE DATABASE           450.1127         460.1125         SEE DATABASE           450.1126         460.1125         SEE DATABASE           450.1127         460.1125         SEE DATABASE           450.1126         460.1125         SEE DATABASE           450.1127         460.1125         SEE DATABASE           450.1127         460.2125         SEE DATABASE           450.2125         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.235         460.325         SEE DATABASE           450.235         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.335
5         450.052         460.075         SEE DATABASE           7         450.075         460.075         SEE DATABASE           8         450.0875         460.0875         SEE DATABASE           9         450.11         460.125         SEE DATABASE           10         450.125         460.125         SEE DATABASE           11         450.125         460.125         SEE DATABASE           13         450.15         460.126         SEE DATABASE           14         450.125         460.126         SEE DATABASE           16         450.125         460.126         SEE DATABASE           16         450.125         460.225         SEE DATABASE           17         450.27         460.225         SEE DATABASE           18         450.275         460.225         SEE DATABASE           20         450.237         460.275         SEE DATABASE           21         450.237         460.275         SEE DATABASE           22         450.3375         460.326         SEE DATABASE           23         450.327         460.326         SEE DATABASE           24         450.327         460.326         SEE DATABASE           25 </td <td>460.05         460.05         SEE DATABASE           450.025         460.075         SEE DATABASE           450.0275         460.075         SEE DATABASE           450.112         460.112         SEE DATABASE           450.112         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.22         460.22         SEE DATABASE           450.2125         460.22         SEE DATABASE           450.225         460.23         SEE DATABASE           450.225         460.26         SEE DATABASE           450.275         460.275         SEE DATABASE           450.275         460.376         SEE DATABASE           450.275         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.377         <t< td=""></t<></td>	460.05         460.05         SEE DATABASE           450.025         460.075         SEE DATABASE           450.0275         460.075         SEE DATABASE           450.112         460.112         SEE DATABASE           450.112         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.22         460.22         SEE DATABASE           450.2125         460.22         SEE DATABASE           450.225         460.23         SEE DATABASE           450.225         460.26         SEE DATABASE           450.275         460.275         SEE DATABASE           450.275         460.376         SEE DATABASE           450.275         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.376         SEE DATABASE           450.375         460.377 <t< td=""></t<>
6         450.075         460.075         SEE DATABASE           7         450.075         460.075         SEE DATABASE           9         450.1         460.1125         SEE DATABASE           9         450.1         460.1125         SEE DATABASE           10         450.1125         460.125         SEE DATABASE           11         450.125         460.125         SEE DATABASE           13         450.175         460.175         SEE DATABASE           14         450.175         460.175         SEE DATABASE           16         450.175         460.226         SEE DATABASE           16         450.175         460.227         SEE DATABASE           17         450.275         460.227         SEE DATABASE           20         450.275         460.275         SEE DATABASE           21         450.275         460.276         SEE DATABASE           22         450.3         460.375         SEE DATABASE           23         450.35         460.375         SEE DATABASE           24         450.35         460.375         SEE DATABASE           25         450.35         460.375         SEE DATABASE           26	450.025         460.075         SEE DATABASE           450.075         460.075         SEE DATABASE           450.112         460.1125         SEE DATABASE           450.1125         460.1125         SEE DATABASE           450.1126         460.1125         SEE DATABASE           450.1127         460.1375         SEE DATABASE           450.1126         460.1375         SEE DATABASE           450.1127         460.1375         SEE DATABASE           450.1125         460.1625         SEE DATABASE           450.1125         460.1875         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.225         460.227         SEE DATABASE           450.325         460.327         SEE DATABASE           450.325         460
8         450.0875         460.0875         SEE DATABASE           9         450.11         460.1125         SEE DATABASE           10         450.1125         460.125         SEE DATABASE           11         450.125         460.125         SEE DATABASE           12         450.1375         460.157         SEE DATABASE           13         440.1225         460.1265         SEE DATABASE           16         450.175         460.175         SEE DATABASE           16         450.175         460.1875         SEE DATABASE           18         450.2125         460.225         SEE DATABASE           20         450.275         460.275         SEE DATABASE           21         450.275         460.276         SEE DATABASE           22         450.275         460.276         SEE DATABASE           24         450.275         460.376         SEE DATABASE           25         450.35         460.376         SEE DATABASE           26         450.35         460.376         SEE DATABASE           28         450.375         460.376         SEE DATABASE           28         450.375         460.376         SEE DATABASE	450.0875         460.0875         SEE DATABASE           450.1125         460.1125         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.1375         SEE DATABASE           450.125         460.152         SEE DATABASE           450.152         460.1625         SEE DATABASE           450.175         460.175         SEE DATABASE           450.125         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.227         460.225         SEE DATABASE           450.227         460.225         SEE DATABASE           450.237         460.2375         SEE DATABASE           450.237         460.2375         SEE DATABASE           450.324         460.325         SEE DATABASE           450.325         460.3375         SEE DATABASE           450.324         460.3375         SEE DATABASE           450.337         460.3375         SEE DATABASE           450.337         460.3375         SEE DATABASE           450.3375         460.4
9         460.1         SEE DATABASE           10         450.125         460.125         SEE DATABASE           11         450.125         460.1375         SEE DATABASE           12         440.1375         460.1375         SEE DATABASE           13         450.15         460.175         SEE DATABASE           14         450.125         460.175         SEE DATABASE           16         450.175         460.175         SEE DATABASE           16         450.175         460.225         SEE DATABASE           17         450.275         460.225         SEE DATABASE           20         450.275         460.276         SEE DATABASE           21         450.275         460.276         SEE DATABASE           221         450.275         460.276         SEE DATABASE           23         450.275         460.276         SEE DATABASE           24         450.375         460.376         SEE DATABASE           25         460.375         SEE DATABASE           26         450.375         460.376         SEE DATABASE           28         450.375         460.376         SEE DATABASE           29         450.375         460.3	450.1         460.1         SEE DATABASE           450.125         460.125         SEE DATABASE           450.125         460.175         SEE DATABASE           450.15         460.15         SEE DATABASE           450.15         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.175         SEE DATABASE           450.2         460.22         SEE DATABASE           450.212         460.22         SEE DATABASE           450.225         460.22         SEE DATABASE           450.225         460.27         SEE DATABASE           450.225         460.27         SEE DATABASE           450.275         460.27         SEE DATABASE           450.275         460.37         SEE DATABASE           450.325         460.32         SEE DATABASE           450.325         460.32         SEE DATABASE           450.335         460.35         SEE DATABASE           450.335         460.35         SEE DATABASE           450.335         460.35         SEE DATABASE           450.3475         460.375         SEE DATABASE           450.3475         460.375         SEE DATABASE
10         460.1125         460.125         SEE DATABASE           11         460.1375         460.1375         SEE DATABASE           13         450.15         460.152         SEE DATABASE           14         450.1625         460.175         SEE DATABASE           15         450.175         460.175         SEE DATABASE           16         450.175         460.175         SEE DATABASE           17         450.2         460.225         SEE DATABASE           18         450.275         460.275         SEE DATABASE           20         450.2375         460.275         SEE DATABASE           21         450.225         460.275         SEE DATABASE           22         450.2875         460.275         SEE DATABASE           23         450.375         460.325         SEE DATABASE           24         450.327         460.325         SEE DATABASE           25         450.337         460.3375         SEE DATABASE           26         450.325         460.325         SEE DATABASE           28         450.375         460.375         SEE DATABASE           30         450.375         460.375         SEE DATABASE	450.1125         460.125         SEE DATABASE           450.125         460.137         SEE DATABASE           450.137         460.1375         SEE DATABASE           450.152         460.1625         SEE DATABASE           450.157         460.175         SEE DATABASE           450.175         460.1875         SEE DATABASE           450.225         460.225         SEE DATABASE           450.325         460.325         SEE DATABASE           450.326         460.326         SEE DATABASE           450.327         460.327         SEE DATABASE           450.327         460.427
11       460.125       460.125       SEE DATABASE         12       450.137       460.157       SEE DATABASE         13       450.157       460.152       SEE DATABASE         14       450.162       460.125       SEE DATABASE         15       450.175       460.175       SEE DATABASE         16       450.275       460.225       SEE DATABASE         19       450.225       460.225       SEE DATABASE         20       450.275       460.275       SEE DATABASE         21       450.275       460.275       SEE DATABASE         22       450.275       460.275       SEE DATABASE         23       450.375       460.375       SEE DATABASE         24       450.327       460.375       SEE DATABASE         25       450.32       460.375       SEE DATABASE         26       450.325       460.375       SEE DATABASE         27       450.325       460.375       SEE DATABASE         28       450.375       460.375       SEE DATABASE         30       450.362       460.375       SEE DATABASE         31       450.476       460.375       SEE DATABASE         32	450.125       460.125       SEE DATABASE         450.15       460.15       SEE DATABASE         450.15       460.15       SEE DATABASE         450.175       460.175       SEE DATABASE         450.175       460.175       SEE DATABASE         450.175       460.225       SEE DATABASE         450.22       460.225       SEE DATABASE         450.225       460.275       SEE DATABASE         450.225       460.275       SEE DATABASE         450.225       460.375       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.326       460.325       SEE DATABASE         450.327       460.325       SEE DATABASE         450.326       460.325       SEE DATABASE         450.327       460.375       SEE DATABASE         450.326       460.375       SEE DATABASE         450.427       460.425       SEE DATABASE
12       450.1375       460.1375       SEE DATABASE         13       450.15       460.155       SEE DATABASE         14       450.1625       460.175       SEE DATABASE         16       450.175       460.175       SEE DATABASE         17       450.2       460.225       SEE DATABASE         18       450.2125       460.225       SEE DATABASE         20       450.2375       460.255       SEE DATABASE         21       450.225       460.255       SEE DATABASE         22       450.2675       460.275       SEE DATABASE         23       450.275       460.275       SEE DATABASE         24       450.2875       460.325       SEE DATABASE         25       450.375       460.325       SEE DATABASE         26       450.3125       460.325       SEE DATABASE         28       450.3375       460.325       SEE DATABASE         30       450.362       460.325       SEE DATABASE         33       450.425       460.325       SEE DATABASE         34       450.362       460.375       SEE DATABASE         33       450.425       460.425       SEE DATABASE         34	450.1375         460.1375         SEE DATABASE           450.15         460.1625         SEE DATABASE           450.175         460.175         SEE DATABASE           450.175         460.1875         SEE DATABASE           450.175         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.225         460.225         SEE DATABASE           450.227         460.225         SEE DATABASE           450.227         460.227         SEE DATABASE           450.275         460.275         SEE DATABASE           450.325         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.326         460.325         SEE DATABASE           450.327         460.327         SEE DATABASE           450.327         460.327         SEE DATABASE           450.327         460.327         SEE DATABASE           450.327         460.327         SEE DATABASE           450.327         460.427         SEE DATABASE           450.327         460.427         SEE DATABASE           450.425         460.427
13       460.15       SEE DATABASE         14       450.162       460.125       SEE DATABASE         15       450.175       460.175       SEE DATABASE         17       450.27       460.215       SEE DATABASE         18       450.212       460.215       SEE DATABASE         20       450.237       460.275       SEE DATABASE         21       450.275       460.275       SEE DATABASE         22       450.275       460.275       SEE DATABASE         23       450.275       460.275       SEE DATABASE         24       450.317       460.3125       SEE DATABASE         25       450.325       460.325       SEE DATABASE         26       450.317       460.325       SEE DATABASE         27       450.325       460.325       SEE DATABASE         28       450.375       460.375       SEE DATABASE         30       450.375       460.375       SEE DATABASE         31       450.425       460.425       SEE DATABASE         32       460.375       460.375       SEE DATABASE         33       450.425       460.425       SEE DATABASE         33       450.425	450.15       460.15       SEE DATABASE         450.125       460.175       SEE DATABASE         450.175       460.175       SEE DATABASE         450.125       460.22       SEE DATABASE         450.22       460.23       SEE DATABASE         450.23       460.25       SEE DATABASE         450.225       460.275       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.337       460.375       SEE DATABASE         450.347       460.375       SEE DATABASE         450.342       460.4037       SEE DATABASE         450.425       460.425       SEE DATABASE         450.435       460.425       SEE DATABASE         450.437       460.437       SEE DATABASE
14         450, 1625         460, 175         SEE DATABASE           16         450, 1875         460, 1875         SEE DATABASE           18         450, 2125         460, 225         SEE DATABASE           19         450, 225         460, 225         SEE DATABASE           20         450, 2275         460, 225         SEE DATABASE           21         450, 2275         460, 225         SEE DATABASE           22         450, 2875         460, 275         SEE DATABASE           23         450, 275         460, 275         SEE DATABASE           24         450, 2875         460, 325         SEE DATABASE           25         450, 3125         460, 325         SEE DATABASE           26         450, 3125         460, 325         SEE DATABASE           28         450, 375         460, 357         SEE DATABASE           30         450, 375         460, 375         SEE DATABASE           31         450, 475         460, 475         SEE DATABASE           32         450, 475         460, 475         SEE DATABASE           33         450, 475         460, 475         SEE DATABASE           34         450, 475         460, 475         SEE D	450.1625       460.1625       SEE DATABASE         450.175       460.1875       SEE DATABASE         450.212       460.2125       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.275       460.275       SEE DATABASE         450.275       460.275       SEE DATABASE         450.375       460.326       SEE DATABASE         450.375       460.326       SEE DATABASE         450.375       460.326       SEE DATABASE         450.375       460.326       SEE DATABASE         450.337       460.337       SEE DATABASE         450.342       460.326       SEE DATABASE         450.35       460.375       SEE DATABASE         450.35       460.375       SEE DATABASE         450.35       460.375       SEE DATABASE         450.426       460.425       SEE DATABASE         450.427       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE
16         460.175         460.175         SEE DATABASE           17         450.2         460.2         SEE DATABASE           18         450.2125         460.215         SEE DATABASE           19         450.225         460.225         SEE DATABASE           20         450.2375         460.2375         SEE DATABASE           21         450.257         460.275         SEE DATABASE           23         450.275         460.275         SEE DATABASE           24         450.2375         460.275         SEE DATABASE           25         450.315         460.375         SEE DATABASE           26         450.3125         460.375         SEE DATABASE           27         450.325         460.375         SEE DATABASE           28         450.375         460.375         SEE DATABASE           30         450.325         460.325         SEE DATABASE           31         450.4125         460.425         SEE DATABASE           32         450.425         460.425         SEE DATABASE           33         450.425         460.425         SEE DATABASE           34         450.425         460.425         SEE DATABASE <t< th=""><th>450.175       460.175       SEE DATABASE         450.1875       460.2155       SEE DATABASE         450.22       460.2125       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.2275       460.2275       SEE DATABASE         450.2276       460.2275       SEE DATABASE         450.327       460.275       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.326       460.325       SEE DATABASE         450.337       460.3375       SEE DATABASE         450.337       460.375       SEE DATABASE         450.342       460.425       SEE DATABASE         450.345       460.426       SEE DATABASE         450.345       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.426       460.426       SEE DATAB</th></t<>	450.175       460.175       SEE DATABASE         450.1875       460.2155       SEE DATABASE         450.22       460.2125       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.225       460.225       SEE DATABASE         450.2275       460.2275       SEE DATABASE         450.2276       460.2275       SEE DATABASE         450.327       460.275       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.326       460.325       SEE DATABASE         450.337       460.3375       SEE DATABASE         450.337       460.375       SEE DATABASE         450.342       460.425       SEE DATABASE         450.345       460.426       SEE DATABASE         450.345       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.425       460.426       SEE DATABASE         450.426       460.426       SEE DATAB
17       450.2       460.225       SEE DATABASE         19       450.225       460.225       SEE DATABASE         20       450.237       460.2375       SEE DATABASE         21       450.255       460.265       SEE DATABASE         22       450.2625       460.267       SEE DATABASE         23       450.275       460.275       SEE DATABASE         24       450.275       460.275       SEE DATABASE         25       450.325       460.325       SEE DATABASE         26       450.325       460.375       SEE DATABASE         27       450.325       460.375       SEE DATABASE         28       450.375       460.375       SEE DATABASE         29       450.375       460.375       SEE DATABASE         31       450.4725       460.4725       SEE DATABASE         33       450.4725       460.4725       SEE DATABASE         34       450.4725       460.4725       SEE DATABASE         36       450.455       460.425       SEE DATABASE         36       450.455       460.425       SEE DATABASE         36       450.455       460.455       SEE DATABASE         37	450.2       460.2125       SEE DATABASE         450.225       460.225       SEE DATABASE         450.226       460.225       SEE DATABASE         450.237       460.2375       SEE DATABASE         450.237       460.2375       SEE DATABASE         450.237       460.2875       SEE DATABASE         450.327       460.2875       SEE DATABASE         450.32       460.325       SEE DATABASE         450.32       460.325       SEE DATABASE         450.32       460.325       SEE DATABASE         450.337       460.325       SEE DATABASE         450.357       460.326       SEE DATABASE         450.357       460.375       SEE DATABASE         450.357       460.375       SEE DATABASE         450.357       460.375       SEE DATABASE         450.451       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.451       460.475       SEE DATABASE
18         460.2125         SEE DATABASE           19         460.225         460.225         SEE DATABASE           20         450.2375         460.25         SEE DATABASE           21         450.255         460.25         SEE DATABASE           21         450.275         460.275         SEE DATABASE           23         450.275         460.375         SEE DATABASE           24         450.3125         460.375         SEE DATABASE           25         450.3375         460.325         SEE DATABASE           28         450.3375         460.325         SEE DATABASE           29         450.3375         460.3375         SEE DATABASE           30         450.3625         460.3625         SEE DATABASE           31         450.375         460.375         SEE DATABASE           32         450.375         460.4375         SEE DATABASE           33         450.425         460.425         SEE DATABASE           34         450.425         460.475         SEE DATABASE           35         450.425         460.475         SEE DATABASE           36         450.425         460.475         SEE DATABASE           36         <	450.2125         460.225         SEE DATABASE           450.225         460.2375         SEE DATABASE           450.251         460.2375         SEE DATABASE           450.252         460.2375         SEE DATABASE           450.255         460.275         SEE DATABASE           450.267         460.2875         SEE DATABASE           450.275         460.275         SEE DATABASE           450.33         460.3125         SEE DATABASE           450.325         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.335         460.3375         SEE DATABASE           450.337         460.3375         SEE DATABASE           450.337         460.375         SEE DATABASE           450.337         460.375         SEE DATABASE           450.4125         SEE DATABASE         450.425           450.425         460.425         SEE DATABASE           450.435         460.425         SEE DATABASE           450.445         460.425         SEE DATABASE           450.445         460.425         SEE DATABASE           450.457         460.425         SEE DATABASE           450.452         460.525
19       450.225       460.225       SEE DATABASE         21       450.255       460.275       SEE DATABASE         22       450.252       460.225       SEE DATABASE         23       450.275       460.275       SEE DATABASE         24       450.2875       460.275       SEE DATABASE         24       450.2875       460.3275       SEE DATABASE         25       450.3125       460.325       SEE DATABASE         26       450.3125       460.325       SEE DATABASE         28       450.3375       460.3375       SEE DATABASE         29       450.355       460.3625       SEE DATABASE         30       450.3025       460.375       SEE DATABASE         31       450.4125       460.425       SEE DATABASE         32       450.3375       460.425       SEE DATABASE         33       450.425       460.425       SEE DATABASE         34       450.4125       460.425       SEE DATABASE         35       450.425       460.45       SEE DATABASE         36       450.475       460.45       SEE DATABASE         38       450.4875       460.45       SEE DATABASE         440 <td>450.225       460.225       SEE DATABASE         450.237       460.257       SEE DATABASE         450.265       460.2625       SEE DATABASE         450.275       460.275       SEE DATABASE         450.275       460.275       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.437       460.4375       SEE DATAB</td>	450.225       460.225       SEE DATABASE         450.237       460.257       SEE DATABASE         450.265       460.2625       SEE DATABASE         450.275       460.275       SEE DATABASE         450.275       460.275       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.325       460.326       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.437       460.4375       SEE DATAB
20         450.2375         460.2375         SEE DATABASE           21         450.2625         460.265         SEE DATABASE           22         450.2625         460.275         SEE DATABASE           23         450.275         460.375         SEE DATABASE           24         450.2875         460.375         SEE DATABASE           25         450.3         460.325         SEE DATABASE           26         450.325         460.325         SEE DATABASE           27         450.325         460.325         SEE DATABASE           28         450.3375         460.365         SEE DATABASE           30         450.3625         460.367         SEE DATABASE           31         450.375         460.375         SEE DATABASE           32         450.4125         460.425         SEE DATABASE           33         450.425         460.425         SEE DATABASE           34         450.425         460.425         SEE DATABASE           36         450.425         460.475         SEE DATABASE           36         450.425         460.475         SEE DATABASE           37         450.455         460.575         SEE DATABASE	450.2375         460.2375         SEE DATABASE           450.255         460.2625         SEE DATABASE           450.275         460.275         SEE DATABASE           450.275         460.275         SEE DATABASE           450.275         460.275         SEE DATABASE           450.33         460.3125         SEE DATABASE           450.33         460.325         SEE DATABASE           450.324         460.325         SEE DATABASE           450.335         460.325         SEE DATABASE           450.337         460.325         SEE DATABASE           450.337         460.325         SEE DATABASE           450.337         460.325         SEE DATABASE           450.375         460.325         SEE DATABASE           450.425         460.425         SEE DATABASE           450.437         460.425         SEE DATABASE           450.435         460.525
21         450.25         460.25         SEE DATABASE           22         450.255         460.275         SEE DATABASE           23         450.275         460.275         SEE DATABASE           24         450.2875         460.3275         SEE DATABASE           25         450.3125         460.325         SEE DATABASE           26         450.3125         460.325         SEE DATABASE           28         450.3375         460.3375         SEE DATABASE           29         450.3625         460.3625         SEE DATABASE           30         450.3625         460.375         SEE DATABASE           31         450.4125         460.4375         SEE DATABASE           32         450.3875         460.425         SEE DATABASE           33         450.425         460.425         SEE DATABASE           34         450.4375         460.45         SEE DATABASE           36         450.4375         460.45         SEE DATABASE           38         450.4625         460.45         SEE DATABASE           40         450.4875         460.45         SEE DATABASE           41         450.5125         460.525         SEE DATABASE	450.25       460.2625       SEE DATABASE         450.275       460.275       SEE DATABASE         450.375       460.275       SEE DATABASE         450.31       460.326       SEE DATABASE         450.32       460.325       SEE DATABASE         450.32       460.325       SEE DATABASE         450.32       460.326       SEE DATABASE         450.35       460.326       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.472       460.425       SEE DATABASE         450.472       460.475       SEE DATABASE         450.472       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.55       460.525       SEE DATABASE
22         450.2625         460.2625         SEE DATABASE           23         450.275         460.275         SEE DATABASE           24         450.325         460.325         SEE DATABASE           25         450.3125         460.325         SEE DATABASE           26         450.3125         460.325         SEE DATABASE           27         450.325         460.325         SEE DATABASE           28         450.3375         460.375         SEE DATABASE           29         450.3625         460.375         SEE DATABASE           30         450.3622         460.3775         SEE DATABASE           31         450.4125         460.475         SEE DATABASE           32         450.4375         460.4375         SEE DATABASE           34         450.4125         460.425         SEE DATABASE           35         450.425         460.425         SEE DATABASE           36         450.4375         460.4375         SEE DATABASE           39         450.4675         460.4525         SEE DATABASE           41         450.5125         460.525         SEE DATABASE           42         450.5125         460.525         SEE DATABASE	450.225         460.225         SEE DATABASE           450.275         460.275         SEE DATABASE           450.312         460.325         SEE DATABASE           450.312         460.3125         SEE DATABASE           450.32         460.325         SEE DATABASE           450.335         460.325         SEE DATABASE           450.335         460.325         SEE DATABASE           450.335         460.325         SEE DATABASE           450.337         460.375         SEE DATABASE           450.337         460.375         SEE DATABASE           450.4125         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.451         460.425         SEE DATABASE           450.452         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525
23       450.275       460.275       SEE DATABASE         24       450.375       460.3125       SEE DATABASE         28       450.3125       460.3125       SEE DATABASE         28       450.325       460.325       SEE DATABASE         28       450.3375       460.325       SEE DATABASE         29       450.35       460.325       SEE DATABASE         29       450.375       460.325       SEE DATABASE         30       450.375       460.375       SEE DATABASE         31       450.4125       460.425       SEE DATABASE         32       450.425       460.425       SEE DATABASE         33       450.4       460.425       SEE DATABASE         34       450.475       460.425       SEE DATABASE         35       450.425       460.425       SEE DATABASE         36       450.4375       460.425       SEE DATABASE         38       450.4625       460.4625       SEE DATABASE         39       450.475       460.475       SEE DATABASE         41       450.525       460.525       SEE DATABASE         42       450.5125       460.525       SEE DATABASE         441	450.275         440.275         SEE DATABASE           450.2875         440.275         SEE DATABASE           450.3125         440.325         SEE DATABASE           450.325         440.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.3375         460.3375         SEE DATABASE           450.362         460.3275         SEE DATABASE           450.375         460.375         SEE DATABASE           450.375         460.375         SEE DATABASE           450.412         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525
25         450.3         460.3         SEE DATABASE           26         450.325         460.325         SEE DATABASE           27         450.325         460.3375         SEE DATABASE           28         450.35         460.355         SEE DATABASE           29         450.35         460.355         SEE DATABASE           30         450.362         460.375         SEE DATABASE           31         450.4         460.4         SEE DATABASE           33         450.4         460.4         SEE DATABASE           34         450.4125         460.4125         SEE DATABASE           35         450.425         460.425         SEE DATABASE           36         450.425         460.425         SEE DATABASE           38         450.4625         460.425         SEE DATABASE           39         450.4625         460.475         SEE DATABASE           41         450.5125         460.5125         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.525         SEE DATABASE           44         450.5375         460.525         SEE DATABASE           44 <td>450.3       460.32       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.3375       SEE DATABASE         450.35       460.3375       SEE DATABASE         450.35       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.4125       460.425       SEE DATABASE         450.425       460.4375       SEE DATABASE         450.437       460.4375       SEE DATABASE         450.451       460.425       SEE DATABASE         450.452       460.425       SEE DATABASE         450.451       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.55       460.525       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE     </td>	450.3       460.32       SEE DATABASE         450.325       460.325       SEE DATABASE         450.325       460.3375       SEE DATABASE         450.35       460.3375       SEE DATABASE         450.35       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.4125       460.425       SEE DATABASE         450.425       460.4375       SEE DATABASE         450.437       460.4375       SEE DATABASE         450.451       460.425       SEE DATABASE         450.452       460.425       SEE DATABASE         450.451       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.452       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.55       460.525       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE
28         450 3125         460 3125         SEE DATABASE           27         450 325         460 3375         SEE DATABASE           28         450 3375         460 3375         SEE DATABASE           29         450 3575         460 3375         SEE DATABASE           30         450 3625         460 3875         SEE DATABASE           31         450 375         460 3875         SEE DATABASE           32         450 3875         460 3875         SEE DATABASE           33         450 4125         460 4125         SEE DATABASE           36         450 4125         460 4125         SEE DATABASE           36         450 425         460 425         SEE DATABASE           37         450 45         460 425         SEE DATABASE           38         450 425         460 425         SEE DATABASE           39         450 475         460 4512         SEE DATABASE           40         450 452         460 452         SEE DATABASE           41         450 552         460 553         SEE DATABASE           42         450 512         460 525         SEE DATABASE           43         450 525         460 525         SEE DATABASE      <	450.3125         460.325         SEE DATABASE           450.325         460.3375         SEE DATABASE           450.325         460.3375         SEE DATABASE           450.325         460.325         SEE DATABASE           450.325         460.325         SEE DATABASE           450.375         460.375         SEE DATABASE           450.375         460.375         SEE DATABASE           450.4125         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.437         460.425         SEE DATABASE           450.45         460.425         SEE DATABASE           450.45         460.425         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.4025         SEE DATABASE           450.512         460.5125         SEE DATABASE           450.52         460.525         SEE DATABASE           450.52         460.555         SEE DATABASE           450.55         460.555         SEE DATABASE           450.55         460.555         SEE DATABASE           450.55         460.565
27       450.3275       460.3275       SEE DATABASE         29       450.3375       460.3375       SEE DATABASE         30       450.3625       460.3625       SEE DATABASE         31       450.375       460.375       SEE DATABASE         32       450.3875       460.40.375       SEE DATABASE         33       450.4       460.4125       SEE DATABASE         34       450.425       460.425       SEE DATABASE         35       450.425       460.425       SEE DATABASE         36       450.425       460.425       SEE DATABASE         38       450.475       460.425       SEE DATABASE         39       450.475       460.475       SEE DATABASE         40       450.475       460.475       SEE DATABASE         41       450.512       460.5125       SEE DATABASE         42       450.5125       460.5375       SEE DATABASE         43       450.527       460.5375       SEE DATABASE         44       450.5375       460.5375       SEE DATABASE         44       450.5375       460.5375       SEE DATABASE         45       450.552       460.6225       SEE DATABASE <td< th=""><th>450.325       460.325       SEE DATABASE         450.335       460.355       SEE DATABASE         450.365       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.47       460.40       SEE DATABASE         450.41       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.4375       460.425       SEE DATABASE         450.4375       460.425       SEE DATABASE         450.452       460.425       SEE DATABASE         450.453       460.475       SEE DATABASE         450.454       460.475       SEE DATABASE         450.455       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.52       460.525       SEE DATABASE         450.525       460.525       SEE DATABASE         450.53       460.53       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.57       460.57       SEE DATABASE</th></td<>	450.325       460.325       SEE DATABASE         450.335       460.355       SEE DATABASE         450.365       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.47       460.40       SEE DATABASE         450.41       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.4375       460.425       SEE DATABASE         450.4375       460.425       SEE DATABASE         450.452       460.425       SEE DATABASE         450.453       460.475       SEE DATABASE         450.454       460.475       SEE DATABASE         450.455       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.52       460.525       SEE DATABASE         450.525       460.525       SEE DATABASE         450.53       460.53       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.57       460.57       SEE DATABASE
28         450.375         460.3275         SEE DATABASE           29         450.35         460.3625         SEE DATABASE           30         450.3625         460.3625         SEE DATABASE           31         450.375         460.375         SEE DATABASE           32         450.3875         460.375         SEE DATABASE           33         450.425         460.425         SEE DATABASE           34         450.425         460.425         SEE DATABASE           35         450.425         460.425         SEE DATABASE           36         450.4375         460.4375         SEE DATABASE           38         450.4625         460.4375         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.475         460.475         SEE DATABASE           41         450.525         460.525         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           44         450.5375         460.525         SEE DATABASE           44         450.5375         460.525         SEE DATABASE           CH-PLAN FOR 450         452.9875/460         462.9875/5/460         462.9875/5/46	450.3375       460.3375       SEE DATABASE         450.352       460.325       SEE DATABASE         450.375       460.375       SEE DATABASE         450.375       460.375       SEE DATABASE         450.41       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.4375       460.425       SEE DATABASE         450.437       460.425       SEE DATABASE         450.452       460.4625       SEE DATABASE         450.475       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.525       460.525       SEE DATABASE         450.525       460.5375       SEE DATABASE         450.525       460.5375       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.575       SEE DATABASE         450.55       460.575       SEE DATABASE         450.55       460.575       SEE DATABASE         450.575       460.575       SEE DATABASE
29         450.35         460.362         SEE DATABASE           30         450.3625         460.3625         SEE DATABASE           31         450.375         460.375         SEE DATABASE           32         450.375         460.375         SEE DATABASE           33         450.4125         460.425         SEE DATABASE           34         450.4125         460.425         SEE DATABASE           36         450.425         460.425         SEE DATABASE           37         450.455         460.425         SEE DATABASE           38         450.4625         460.475         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.475         SEE DATABASE           41         450.512         460.5125         SEE DATABASE           43         450.525         460.5125         SEE DATABASE           44         450.537         460.5375         SEE DATABASE           44         450.55         460.5125         SEE DATABASE           44         450.55         460.5125         SEE DATABASE           45         450.55         460.5125         SEE DATABASE	450.35         460.35         SEE DATABASE           450.362         SEE DATABASE           450.375         460.375         SEE DATABASE           450.4         460.4         SEE DATABASE           450.4         460.4         SEE DATABASE           450.4125         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.4375         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.425         460.475         SEE DATABASE           450.457         460.475         SEE DATABASE           450.51         460.525         SEE DATABASE           450.52         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.565         460.55         SEE DATABASE           450.575         460.576         SEE DATABASE      <
30         450.3625         460.3625         SEE DATABASE           31         450.375         460.3875         SEE DATABASE           32         450.3875         460.3875         SEE DATABASE           33         450.4         460.4125         SEE DATABASE           34         450.4125         460.425         SEE DATABASE           35         450.425         460.425         SEE DATABASE           36         450.4375         460.4375         SEE DATABASE           38         450.475         460.4625         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.5125         460.475         SEE DATABASE           41         450.525         460.525         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.5375         460.525         SEE DATABASE           44         450.5375         460.525         SEE DATABASE           CH-No.         BTX         MTX         REMARKS           CH.No.         BTX         MTX         REMARKS           45         450.557         460.625         SEE DATABASE           46 <th>450.3625         460.3625         SEE DATABASE           450.375         460.3875         SEE DATABASE           450.375         460.3875         SEE DATABASE           450.41         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.435         460.4375         SEE DATABASE           450.435         460.4375         SEE DATABASE           450.455         460.4625         SEE DATABASE           450.457         460.475         SEE DATABASE           450.4515         460.4625         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.552         460.553         SEE DATABASE           450.553         460.553         SEE DATABASE           450.555         460.555         SEE DATABASE           450.552         460.552         SEE DATABASE           450.552         460.552         SEE DATABASE           450.552         460.552         SEE DATABASE           450.575         460.575&lt;</th>	450.3625         460.3625         SEE DATABASE           450.375         460.3875         SEE DATABASE           450.375         460.3875         SEE DATABASE           450.41         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.425         460.425         SEE DATABASE           450.435         460.4375         SEE DATABASE           450.435         460.4375         SEE DATABASE           450.455         460.4625         SEE DATABASE           450.457         460.475         SEE DATABASE           450.4515         460.4625         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.552         460.553         SEE DATABASE           450.553         460.553         SEE DATABASE           450.555         460.555         SEE DATABASE           450.552         460.552         SEE DATABASE           450.552         460.552         SEE DATABASE           450.552         460.552         SEE DATABASE           450.575         460.575<
31         450.375         460.3875         SEE DATABASE           32         450.375         460.3875         SEE DATABASE           33         450.4         460.425         SEE DATABASE           34         450.4125         460.425         SEE DATABASE           36         450.425         460.425         SEE DATABASE           36         450.4375         460.425         SEE DATABASE           37         450.45         460.425         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.425         SEE DATABASE           41         450.512         460.5125         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.525         SEE DATABASE           44         450.537         460.5375         SEE DATABASE           CH-PLAN FOR 450         452.9875/460         462.9875MHz 2005 (12.5 kl           CH.No.         BTX         MTX         REMARKS           46         450.557         460.575         SEE DATABASE           47         450.575         460.675         SEE DATABASE <t< th=""><th>450.375       460.375       SEE DATABASE         450.3875       460.3875       SEE DATABASE         450.4125       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.4375       460.4375       SEE DATABASE         450.4375       460.4375       SEE DATABASE         450.455       460.4625       SEE DATABASE         450.457       460.475       SEE DATABASE         450.457       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.53       55       DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.62       460.625       SEE DATABASE         450.62       460.625       SEE DATABASE         450.62       460.625       SEE DATABASE</th></t<>	450.375       460.375       SEE DATABASE         450.3875       460.3875       SEE DATABASE         450.4125       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.425       460.425       SEE DATABASE         450.4375       460.4375       SEE DATABASE         450.4375       460.4375       SEE DATABASE         450.455       460.4625       SEE DATABASE         450.457       460.475       SEE DATABASE         450.457       460.475       SEE DATABASE         450.52       460.525       SEE DATABASE         450.53       55       DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.62       460.625       SEE DATABASE         450.62       460.625       SEE DATABASE         450.62       460.625       SEE DATABASE
32         450.3875         460.3875         SEE DATABASE           33         450.4         460.4125         SEE DATABASE           34         450.4125         460.4125         SEE DATABASE           35         450.425         460.425         SEE DATABASE           36         450.4375         460.4375         SEE DATABASE           37         450.45         460.455         SEE DATABASE           38         450.4625         460.425         SEE DATABASE           39         450.475         460.4875         SEE DATABASE           40         450.4875         460.525         SEE DATABASE           41         450.525         460.525         SEE DATABASE           42         450.525         460.525         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.562         460.555         SEE DATABASE           CH. No.         BTX         MTX         REMARKS           45         450.657         460.5875         SEE DATABASE           46         450.6582         460.5875         SEE DATABASE           47         450.575         460.5875         SEE DATABASE	450.3875         460.3875         SEE DATABASE           450.4         460.4125         SEE DATABASE           450.4125         460.4125         SEE DATABASE           450.425         460.425         SEE DATABASE           450.4375         460.4375         SEE DATABASE           450.4375         460.4375         SEE DATABASE           450.455         460.4625         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.5125         460.40.53         SEE DATABASE           450.5125         460.5375         SEE DATABASE           450.5125         460.5375         SEE DATABASE           450.5125         460.5375         SEE DATABASE           450.55         460.5375         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.57         SEE DATABASE           450.57         460.575         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.626         460.625         SEE DATABASE           450.627         460.63
33         450.4         460.4125         SEE DATABASE           34         450.4125         460.4125         SEE DATABASE           36         450.4375         460.425         SEE DATABASE           37         450.455         460.425         SEE DATABASE           38         450.4625         460.4625         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.5125         SEE DATABASE           41         450.5125         460.525         SEE DATABASE           43         450.525         460.525         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           CH.No.         BTX         MTX         REMARKS           45         450.55         460.575         SEE DATABASE           46         450.55         460.575         SEE DATABASE           47         450.57         460.575         SEE DATABASE           47         450.57         460.575         SEE DATABASE	450.4         460.4         SEE DATABASE           450.4125         460.4125         SEE DATABASE           450.425         460.425         SEE DATABASE           450.455         460.4375         SEE DATABASE           450.455         460.45         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.4875         SEE DATABASE           450.525         460.5125         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.575         SEE DATABASE           450.525         460.575         SEE DATABASE           450.553         460.55         SEE DATABASE           450.555         460.55         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.55         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.685         SEE DATABASE           450.625         460.6875         SEE DATABASE           450.675         460.6375
35         450.425         460.425         SEE DATABASE           36         450.4375         460.4375         SEE DATABASE           37         450.45         460.475         SEE DATABASE           38         450.4625         460.475         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.475         SEE DATABASE           41         450.512         460.5125         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.55         460.5375         SEE DATABASE           44         450.55         460.55         SEE DATABASE           45         450.55         460.575         SEE DATABASE           46         450.5625         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.5625         460.675         SEE DATABASE           49         450.6125         460.625         SEE DATABASE	450.425       460.425       SEE DATABASE         450.4375       460.4375       SEE DATABASE         450.45       460.45       SEE DATABASE         450.475       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.475       460.475       SEE DATABASE         450.525       460.525       SEE DATABASE         450.525       460.525       SEE DATABASE         450.525       460.525       SEE DATABASE         450.5375       460.525       SEE DATABASE         450.5375       460.55       SEE DATABASE         450.55       460.55       SEE DATABASE         450.57       460.55       SEE DATABASE         450.57       460.55       SEE DATABASE         450.57       460.57       SEE DATABASE         450.57       460.57       SEE DATABASE         450.57       460.57       SEE DATABASE         450.61       460.6125       SEE DATABASE         450.625       460.625       SEE DATABASE         450.625       460.625       SEE DATABASE         450.625       460.625       SEE DATABASE
36         450.4375         460.4375         SEE DATABASE           37         450.45         460.455         SEE DATABASE           38         450.4625         460.475         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.475         SEE DATABASE           41         450.5125         460.5125         SEE DATABASE           42         450.5125         460.5375         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.557         SEE DATABASE           44         450.5375         460.557         SEE DATABASE           CH-PLAN FOR 450         452.9875/460         462.9875MHz 2005 (12.5 kl           CH.No.         BTX         MTX         REMARKS           45         450.557         460.557         SEE DATABASE           46         450.5625         460.575         SEE DATABASE           47         450.6125         460.625         SEE DATABASE           47         450.625         460.625         SEE DATABASE	450.4375         460.4375         SEE DATABASE           450.452         460.425         SEE DATABASE           450.4525         460.425         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.51         460.475         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.552         460.5375         SEE DATABASE           90.55         460.5625         SEE DATABASE           450.552         460.555         SEE DATABASE           450.552         460.555         SEE DATABASE           450.552         460.555         SEE DATABASE           450.555         460.652         SEE DATABASE           450.552         460.652         SEE DATABASE           450.652         460.625         SEE DATABASE           450.652         460.625         SEE DATABASE           450.652         460.6375         SEE DATABASE           450.655         460.625 </td
37         450.45         460.45         SEE DATABASE           38         450.4625         460.4625         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.475         SEE DATABASE           41         450.5         460.5125         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.537         460.5375         SEE DATABASE           44         450.537         460.5375         SEE DATABASE           CH.No.         BTX         MTX         REMARKS           45         450.55         460.55         SEE DATABASE           46         450.55         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.6125         460.575         SEE DATABASE           49         450.6         460.6125         SEE DATABASE           51         450.625         460.6125         SEE DATABASE           52         450.6125         460.6125         SEE DATABASE           53 <th>450.45         460.45         SEE DATABASE           450.4625         460.4625         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.5125         460.5         SEE DATABASE           450.525         460.535         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.55         460.5375         SEE DATABASE           450.55         460.555         SEE DATABASE           450.55         460.5625         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.675         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.637         460.6375</th>	450.45         460.45         SEE DATABASE           450.4625         460.4625         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.5125         460.5         SEE DATABASE           450.525         460.535         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.55         460.5375         SEE DATABASE           450.55         460.555         SEE DATABASE           450.55         460.5625         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.675         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.637         460.6375
38         450.4625         460.4625         SEE DATABASE           39         450.475         460.475         SEE DATABASE           40         450.4875         460.475         SEE DATABASE           41         450.5         460.5125         460.525         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.525         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           CH.No.         BTX         MTX         REMARKS           45         450.55         460.575         SEE DATABASE           46         450.5625         460.576         SEE DATABASE           47         450.57         460.576         SEE DATABASE           48         450.6875         460.625         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.625         SEE DATABASE	450.4625         460.4625         SEE DATABASE           450.475         460.475         SEE DATABASE           450.475         460.475         SEE DATABASE           450.5         460.525         SEE DATABASE           450.512         460.5125         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.525         460.5375         SEE DATABASE           450.525         460.5375         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.552         SEE DATABASE           450.525         460.552         SEE DATABASE           450.552         460.552         SEE DATABASE           450.552         460.6375         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.625
39         450.475         460.475         SEE DATABASE           40         450.4875         460.4875         SEE DATABASE           41         450.5125         460.52         SEE DATABASE           42         450.5125         460.525         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.550         SEE DATABASE           CH.No.         BTX         MTX         REMARKS           45         450.555         460.555         SEE DATABASE           46         450.5625         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.5875         460.575         SEE DATABASE           49         450.6         460.6125         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.637         460.665         SEE DATABASE           54         450.675         460.676         SEE DATABASE <td< th=""><th>450.475         460.475         SEE DATABASE           450.4875         460.4875         SEE DATABASE           450.5         460.5         SEE DATABASE           450.5125         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.575         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.625         460.5875         SEE DATABASE           450.625         460.6325         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.635         SEE DATABASE           450.626         460.6375         SEE DATABASE           450.657         460.6375         SEE DATABASE           450.675         460.6375</th></td<>	450.475         460.475         SEE DATABASE           450.4875         460.4875         SEE DATABASE           450.5         460.5         SEE DATABASE           450.5125         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.55         460.575         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.625         460.5875         SEE DATABASE           450.625         460.6325         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.635         SEE DATABASE           450.626         460.6375         SEE DATABASE           450.657         460.6375         SEE DATABASE           450.675         460.6375
40         450.4875         460.4875         SEE DATABASE           41         450.5         460.5125         SEE DATABASE           42         450.5125         460.5125         SEE DATABASE           43         450.525         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           CH. No.         BTX         MTX         REMARKS           45         450.55         460.55         SEE DATABASE           46         450.55         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.5825         460.575         SEE DATABASE           48         450.5825         460.575         SEE DATABASE           49         450.6         460.675         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.6375         460.6375         SEE DATABASE           54         450.657         460.675         SEE DATABASE	450.4875         460.4875         SEE DATABASE           450.512         460.5125         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5375         SEE DATABASE           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.735         460.735 <td< th=""></td<>
42         450.5125         460.5125         SEE DATABASE           43         450.525         460.526         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           46         450.555         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.5875         460.575         SEE DATABASE           49         450.6         460.675         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.6375         460.637         SEE DATABASE           53         450.657         460.637         SEE DATABASE           54         450.6625         460.675         SEE DATABASE           55         450.675         460.75         SEE DATABASE           56         450.675         460.75         SEE DATABASE           56	450.5125         460.5125         SEE DATABASE           450.525         460.525         SEE DATABASE           450.5375         460.5375         SEE DATABASE           450.5375         460.5376         SEE DATABASE           BTX         MTX         REMARKS           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.55         460.55         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.6775         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.6125         460.6375         SEE DATABASE           450.6125         460.6375         SEE DATABASE           450.626         460.625         SEE DATABASE           450.675         460.6375         SEE DATABASE           450.675         460.655         SEE DATABASE           450.675         460.675         SEE DATABASE           450.7125         460.735         SEE DATABASE           450.725         460.735         SEE
43         450.525         460.525         SEE DATABASE           44         450.5375         460.5375         SEE DATABASE           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         450.55         460.55         SEE DATABASE           46         450.55         460.55         SEE DATABASE           46         450.562         460.575         SEE DATABASE           47         450.57         460.576         SEE DATABASE           48         450.6875         460.675         SEE DATABASE           49         450.6         460.675         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.651         460.625         SEE DATABASE           54         450.6625         460.675         SEE DATABASE           55         450.675         460.775         SEE DATABASE           56         450.6875         460.775         SEE DATABASE           56         450.6875         460.775         SEE DATABASE           56	450.525       460.525       SEE DATABASE         450.5375       460.5375       SEE DATABASE         BTX       MTX       REMARKS         FOR 450       452.9875/460_462.9875MHz 2005 (12.5 kHz)         BTX       MTX       REMARKS         FOR 450       452.9875/460_462.9875MHz 2005 (12.5 kHz)         BTX       MTX       REMARKS         450.55       460.55       SEE DATABASE         450.575       460.575       SEE DATABASE         450.675       460.6875       SEE DATABASE         450.6125       SEE DATABASE         450.6125       SEE DATABASE         450.6125       460.6375       SEE DATABASE         450.625       460.625       SEE DATABASE         450.625       460.625       SEE DATABASE         450.675       460.675       SEE DATABASE         450.675       460.675       SEE DATABASE         450.7125       460.735       SEE DATABASE         450.7125       460.735       SEE DATABASE         450.735       460.735       SEE DATABASE         450.735
44         450.5375         460.5375         SEE DATABASE           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         450.555         460.555         SEE DATABASE           46         450.5625         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.625         460.575         SEE DATABASE           49         450.6         460.675         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.635         SEE DATABASE           52         450.6375         460.635         SEE DATABASE           53         450.655         460.6625         SEE DATABASE           54         450.6875         460.676         SEE DATABASE           55         450.675         460.7125         SEE DATABASE           56         450.6875         460.7125         SEE DATABASE           57         450.7         460.735         SEE DATABASE           58 <t< th=""><th>450.5375         460.5375         SEE DATABASE           BTX         MTX         REMARKS           BTX         MTX         REMARKS           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.626         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.626         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.725         460.725         SEE DATABASE           450.725         460.725         SEE DATABASE</th></t<>	450.5375         460.5375         SEE DATABASE           BTX         MTX         REMARKS           BTX         MTX         REMARKS           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.55         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.626         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.626         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.627         460.625         SEE DATABASE           450.725         460.725         SEE DATABASE           450.725         460.725         SEE DATABASE
CH. No.         BTX         MTX         REMARKS           CH-PLAN FOR 450         452.9875/460_462.9875MHz 2005 (12.5 kl           CH. No.         BTX         MTX         REMARKS           45         450.55         460.55         SEE DATABASE           46         450.555         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.6825         SEE DATABASE         49           49         450.6         460.6125         SEE DATABASE           50         450.6125         460.625         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.6625         460.675         SEE DATABASE           53         450.657         460.675         SEE DATABASE           54         450.6625         460.675         SEE DATABASE           55         450.77         460.75         SEE DATABASE           56         450.7875         460.725         SEE DATABASE           57         450.7         460.75         SEE DATABASE           58         450.725         460.75         SEE DATABASE           59         450.725	BTX         MTX         REMARKS           BTX         MTX         REMARKS           FOR 450         452.9875/460_462.9875MHz 2005 (12.5 kHz)           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.675         460.675         SEE DATABASE           450.612         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.675         460.6375         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.75         460.675         SEE DATABASE           450.75         460.735         SEE DATABASE <t< th=""></t<>
CH-PLAN FOR 450         452.9875/460         462.9875MHz 2005 (12.5 kl           CH. No.         BTX         MTX         REMARKS           45         450.55         460.55         SEE DATABASE           46         450.6525         460.575         SEE DATABASE           47         450.575         460.575         SEE DATABASE           48         450.5875         460.575         SEE DATABASE           49         450.6         460.6125         SEE DATABASE           50         450.6125         460.6125         SEE DATABASE           51         450.625         460.635         SEE DATABASE           52         450.6375         460.635         SEE DATABASE           53         450.662         460.6625         SEE DATABASE           54         450.6625         460.676         SEE DATABASE           55         450.675         460.676         SEE DATABASE           56         450.6875         460.7125         SEE DATABASE           56         450.675         460.7125         SEE DATABASE           56         450.725         460.7125         SEE DATABASE           58         450.725         460.775         SEE DATABASE	FOR 450         452.9875/460         462.9875MHz 2005 (12.5 kHz)           BTX         MTX         REMARKS           450.55         460.55         SEE DATABASE           450.55         460.5625         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.575         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.637         460.6375         SEE DATABASE           450.637         460.6375         SEE DATABASE           450.637         460.6375         SEE DATABASE           450.657         460.655         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.75         460.735         SEE DATABASE           450.75         460.735         SEE DATABASE           450.75         460.735         SEE DATABASE           450.75         460.735         SEE DATABASE           450.757         460.735
46         450,5625         460,5625         SEE DATABASE           47         450,575         460,575         SEE DATABASE           48         450,6875         460,5875         SEE DATABASE           49         450,6         460,675         SEE DATABASE           50         450,6125         460,6125         SEE DATABASE           51         450,625         460,625         SEE DATABASE           52         450,655         460,625         SEE DATABASE           53         450,655         460,675         SEE DATABASE           54         450,6625         460,675         SEE DATABASE           56         450,6875         460,675         SEE DATABASE           56         450,6875         460,675         SEE DATABASE           56         450,6875         460,775         SEE DATABASE           56         450,675         460,725         SEE DATABASE           58         450,7125         460,7125         SEE DATABASE           59         450,725         460,725         SEE DATABASE           60         450,737         460,735         SEE DATABASE           61         450,7625         460,7625         SEE DATABASE	450.5625         460.5625         SEE DATABASE           450.575         460.575         SEE DATABASE           450.575         460.5875         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.612         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.625         460.665         SEE DATABASE           450.626         460.6675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.725         460.6875         SEE DATABASE           450.725         460.75         SEE DATABASE           450.725         460.75         SEE DATABASE           450.725         460.735         SEE DATABASE           450.725         460.735         SEE DATABASE           450.735         460.735         SEE DATABASE           450.75         460.735         SEE DATABASE           450.75         460.735         SEE DATABASE           450.75         460.755         SEE DATABASE           450.755         460.755
47         450.575         460.575         SEE DATABASE           48         450.6375         460.5875         SEE DATABASE           49         450.6         460.6         SEE DATABASE           50         450.6125         460.6125         SEE DATABASE           51         450.625         460.625         SEE DATABASE           52         450.6375         460.6375         SEE DATABASE           53         450.65         460.665         SEE DATABASE           54         450.6625         460.6675         SEE DATABASE           55         450.675         460.675         SEE DATABASE           56         450.6875         460.775         SEE DATABASE           57         450.7         460.785         SEE DATABASE           58         450.725         460.725         SEE DATABASE           60         450.7375         460.7375         SEE DATABASE           61         450.75         460.7375         SEE DATABASE           62         450.775         460.775         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.785         460.785         SEE DATABASE	450.575         460.575         SEE DATABASE           450.5875         460.5875         SEE DATABASE           450.6         460.6         SEE DATABASE           450.62         460.625         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6625         SEE DATABASE           450.625         460.6625         SEE DATABASE           450.625         460.6625         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.7         460.725         SEE DATABASE           450.72         460.725         SEE DATABASE           450.7375         460.7375         SEE DATABASE           450.755         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.825         460.825         SEE DATABASE           450.7875         460.7875
48         450.5875         460.5875         SEE DATABASE           49         450.6         460.6         SEE DATABASE           50         450.6125         460.6125         SEE DATABASE           51         450.625         460.6325         SEE DATABASE           52         450.6375         460.6375         SEE DATABASE           53         450.6675         460.6375         SEE DATABASE           54         450.6625         460.6375         SEE DATABASE           54         450.6675         460.675         SEE DATABASE           56         450.675         460.675         SEE DATABASE           56         450.675         460.75         SEE DATABASE           56         450.7         460.725         SEE DATABASE           58         450.7125         460.7125         SEE DATABASE           59         450.725         460.726         SEE DATABASE           60         450.7375         460.75         SEE DATABASE           61         450.75         460.775         SEE DATABASE           62         450.7625         460.775         SEE DATABASE           63         450.775         460.775         SEE DATABASE	450.5875         460.5875         SEE DATABASE           450.6         460.6         SEE DATABASE           450.6125         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.6375         460.6375         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.775         460.75         SEE DATABASE           450.725         460.75         SEE DATABASE           450.725         460.725         SEE DATABASE           450.725         460.735         SEE DATABASE           450.735         460.735         SEE DATABASE           450.755         460.735         SEE DATABASE           450.757         460.7375
50         450.6125         460.6125         SEE DATABASE           51         450.625         460.626         SEE DATABASE           52         450.6375         460.635         SEE DATABASE           53         450.657         460.6375         SEE DATABASE           54         450.6625         460.665         SEE DATABASE           56         450.6675         460.675         SEE DATABASE           56         450.6675         460.75         SEE DATABASE           56         450.675         460.72         SEE DATABASE           57         450.7         460.725         SEE DATABASE           58         450.7125         460.725         SEE DATABASE           60         450.7375         460.735         SEE DATABASE           60         450.7375         460.735         SEE DATABASE           61         450.751         460.735         SEE DATABASE           62         450.7625         460.735         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           65         450.8         460.825         SEE DATABASE	450.6125         460.6125         SEE DATABASE           450.625         460.625         SEE DATABASE           450.625         460.6375         SEE DATABASE           450.627         460.6375         SEE DATABASE           450.627         460.6375         SEE DATABASE           450.626         460.6625         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.77         460.77         SEE DATABASE           450.725         460.725         SEE DATABASE           450.772         460.725         SEE DATABASE           450.7375         460.735         SEE DATABASE           450.75         460.7625         SEE DATABASE           450.75         460.7625         SEE DATABASE           450.775         460.7625         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.787         460.7875         SEE DATABASE           450.787         460.7875         SEE DATABASE           450.787         460.7875         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825<
51         450.625         460.625         SEE DATABASE           52         450.6375         460.6375         SEE DATABASE           53         450.65         460.65         SEE DATABASE           54         450.6625         460.675         SEE DATABASE           55         450.675         460.675         SEE DATABASE           56         450.6875         460.675         SEE DATABASE           56         450.675         460.77         SEE DATABASE           57         450.7         460.77         SEE DATABASE           58         450.7125         460.725         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.735         460.75         SEE DATABASE           61         450.75         460.75         SEE DATABASE           62         450.7625         460.765         SEE DATABASE           63         450.775         460.765         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           65         450.8         460.825         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           67	450.625         460.625         SEE DATABASE           450.6375         460.6375         SEE DATABASE           450.66         460.65         SEE DATABASE           450.67         460.675         SEE DATABASE           450.67         460.675         SEE DATABASE           450.675         460.675         SEE DATABASE           450.77         460.77         SEE DATABASE           450.725         460.7125         SEE DATABASE           450.725         460.725         SEE DATABASE           450.737         460.725         SEE DATABASE           450.737         460.735         SEE DATABASE           450.75         460.725         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.8125         SEE DATABASE           450.825         460.825         SEE DATABAS
52         450.6375         460.6375         SEE DATABASE           53         450.65         460.655         SEE DATABASE           54         450.6625         460.655         SEE DATABASE           55         450.675         460.675         SEE DATABASE           56         450.6875         460.675         SEE DATABASE           57         450.7         460.77         SEE DATABASE           58         450.725         460.725         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.7375         460.725         SEE DATABASE           61         450.75         460.75         SEE DATABASE           62         450.7625         460.75         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           65         450.8         460.825         SEE DATABASE           66         450.8125         460.7875         SEE DATABASE           66         450.825         460.825         SEE DATABASE           67         450.825         460.825         SEE DATABASE <td< td=""><td>450.8375         460.6375         SEE DATABASE           450.65         460.65         SEE DATABASE           450.625         460.6625         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.75         460.6875         SEE DATABASE           450.71         460.71         SEE DATABASE           450.72         460.725         SEE DATABASE           450.7375         460.725         SEE DATABASE           450.7375         460.735         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.765         SEE DATABASE           450.75         460.775         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825</td></td<>	450.8375         460.6375         SEE DATABASE           450.65         460.65         SEE DATABASE           450.625         460.6625         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.75         460.6875         SEE DATABASE           450.71         460.71         SEE DATABASE           450.72         460.725         SEE DATABASE           450.7375         460.725         SEE DATABASE           450.7375         460.735         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.765         SEE DATABASE           450.75         460.775         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825
53         450.65         460.65         SEE DATABASE           54         450.6625         460.6625         SEE DATABASE           55         450.675         460.675         SEE DATABASE           56         450.6875         460.6825         SEE DATABASE           57         450.7         460.7         SEE DATABASE           58         450.7125         460.7125         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.7375         460.725         SEE DATABASE           60         450.7375         460.7375         SEE DATABASE           61         450.75         460.75         SEE DATABASE           62         450.7625         460.775         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           67         450.825         460.825         SEE DATABASE	450.65         460.65         SEE DATABASE           450.6625         460.6625         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.75         460.6875         SEE DATABASE           450.77         460.7         SEE DATABASE           450.7125         460.7125         SEE DATABASE           450.725         460.725         SEE DATABASE           450.735         460.7375         SEE DATABASE           450.726         460.7375         SEE DATABASE           450.726         460.7375         SEE DATABASE           450.726         460.7375         SEE DATABASE           450.725         460.725         SEE DATABASE           450.725         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.8125         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.8375         SEE DATABASE           450.825         460.8375
54         450 6625         460 6625         SEE DATABASE           55         450 675         460.675         SEE DATABASE           56         450 6875         460.75         SEE DATABASE           57         450.7         460.75         SEE DATABASE           58         450.7125         460.725         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.7375         460.7375         SEE DATABASE           61         450.7375         460.7375         SEE DATABASE           62         450.7625         460.7375         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7825         SEE DATABASE         66           65         450.8         460.8125         SEE DATABASE           66         450.8125         460.8125         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           69         450.855         460.825         SEE DATABASE           70         450.8625         460.8875         SEE DATABASE	450.6625         460.6625         SEE DATABASE           450.675         460.675         SEE DATABASE           450.675         460.6875         SEE DATABASE           450.7         460.75         SEE DATABASE           450.7         460.75         SEE DATABASE           450.7         460.725         SEE DATABASE           450.725         460.725         SEE DATABASE           450.7375         460.735         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.75         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.775         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.825         460.825         SE
55         450.675         460.675         SEE DATABASE           56         450.6875         460.6875         SEE DATABASE           57         450.7         460.7         SEE DATABASE           58         450.7125         460.725         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.7375         460.7375         SEE DATABASE           61         450.75         460.765         SEE DATABASE           62         450.7625         460.775         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.775         SEE DATABASE           65         450.8         460.785         SEE DATABASE           66         450.8125         460.785         SEE DATABASE           66         450.825         460.825         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.8375         SEE DATABASE           69         450.85         460.865         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           <	450.675         460.675         SEE DATABASE           450.6875         460.6875         SEE DATABASE           450.7         460.7         SEE DATABASE           450.7125         460.7125         SEE DATABASE           450.725         460.725         SEE DATABASE           450.725         460.725         SEE DATABASE           450.7375         460.7325         SEE DATABASE           450.755         460.765         SEE DATABASE           450.754         460.755         SEE DATABASE           450.755         460.7625         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.8125         460.825         SEE DATABASE           450.825         460.825
56         450.6875         460.6875         SEE DATABASE           57         450.7         460.7         SEE DATABASE           58         450.7125         460.7125         SEE DATABASE           59         450.725         460.725         SEE DATABASE           60         450.7375         460.735         SEE DATABASE           61         450.7375         460.765         SEE DATABASE           62         450.765         460.765         SEE DATABASE           63         450.775         460.776         SEE DATABASE           64         450.7875         460.775         SEE DATABASE           65         450.8         460.825         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           67         450.8375         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           69         450.855         460.825         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           71         450.875         460.875         SEE DATABASE           71         450.875         460.8875         SEE DATABASE	450.8875         460.8875         SEE DATABASE           450.7         460.7         SEE DATABASE           450.7125         460.7125         SEE DATABASE           450.725         460.725         SEE DATABASE           450.735         460.7375         SEE DATABASE           450.735         460.7375         SEE DATABASE           450.735         460.7375         SEE DATABASE           450.755         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.7875         460.7875         SEE DATABASE           450.7875         460.7875         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825<
57         450.7         460.7         SEE         DATABASE           58         450.7125         460.7125         SEE         DATABASE           59         450.725         460.725         SEE         DATABASE           60         450.7375         460.7375         SEE         DATABASE           61         450.725         460.725         SEE         DATABASE           62         450.7625         460.755         SEE         DATABASE           63         450.775         460.775         SEE         DATABASE           64         450.7875         460.787         SEE         DATABASE           65         450.8         460.85         SEE         DATABASE           66         450.8125         460.825         SEE         DATABASE           67         450.825         460.825         SEE         DATABASE           68         450.8375         460.825         SEE         DATABASE           69         450.8375         460.825         SEE         DATABASE           70         450.8625         460.825         SEE         DATABASE           71         450.875         460.875         SEE         DATABASE	450.7         460.7         SEE DATABASE           450.7125         460.725         SEE DATABASE           450.725         460.725         SEE DATABASE           450.7375         460.7375         SEE DATABASE           450.7375         460.735         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.775         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.787         460.7875         SEE DATABASE           450.81         460.875         SEE DATABASE           450.825         460.825
59         450.725         460.725         SEE DATABASE           60         450.7375         460.7375         SEE DATABASE           61         450.7375         460.7375         SEE DATABASE           62         450.7625         460.7625         SEE DATABASE           63         450.775         460.775         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.785         SEE DATABASE           65         450.8         SEE DATABASE         66           66         450.8125         A60.825         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           69         450.85         460.825         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.8875         SEE DATABASE	450.725         460.725         SEE DATABASE           450.7375         460.7375         SEE DATABASE           450.75         460.75         SEE DATABASE           450.7625         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.775         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.82         460.825         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.8375         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.8375         460.855         SEE DATABASE           450.857         460.8625         SEE DATABASE           450.875         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.925         460.9         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925
60         450.7375         460.7375         SEE DATABASE           61         450.75         460.76         SEE DATABASE           62         450.762         460.762         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.785         460.785         SEE DATABASE           65         450.8         460.785         SEE DATABASE           66         450.8125         460.785         SEE DATABASE           66         450.8125         460.825         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.8375         SEE DATABASE           69         450.85         460.825         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.8875         SEE DATABASE	450.7375         460.7375         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.75         SEE DATABASE           450.75         460.765         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.7875         SEE DATABASE           450.785         460.7875         SEE DATABASE           450.81         460.82         SEE DATABASE           450.825         460.825         SEE DATABASE           450.875         460.875         SEE DATABASE           450.925         460.875         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925
61         450.75         460.75         SEE DATABASE           62         450.7625         460.7625         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           65         450.8         460.8         SEE DATABASE           66         450.8125         460.8125         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           69         450.85         460.825         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.875         SEE DATABASE           73         450.9         460.9876         SEE DATABASE           73         450.9         460.9875         SEE DATABASE	450.75         460.75         SEE DATABASE           450.7625         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.775         460.775         SEE DATABASE           450.7875         460.7875         SEE DATABASE           450.8125         460.8125         SEE DATABASE           450.8125         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.8375         SEE DATABASE           450.835         460.8375         SEE DATABASE           450.825         460.8375         SEE DATABASE           450.825         460.8625         SEE DATABASE           450.857         460.8625         SEE DATABASE           450.875         460.8625         SEE DATABASE           450.8875         460.8625         SEE DATABASE           450.917         460.975         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375
62         450.7625         460.7625         SEE DATABASE           63         450.775         460.775         SEE DATABASE           64         450.7875         460.7875         SEE DATABASE           65         450.8         460.8         SEE DATABASE           66         450.8125         460.8125         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.8375         SEE DATABASE           69         450.85         460.85         SEE DATABASE           70         450.8625         460.855         SEE DATABASE           71         450.875         460.8875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.7625         460.7625         SEE DATABASE           450.775         460.775         SEE DATABASE           450.7875         460.7875         SEE DATABASE           450.82         460.875         SEE DATABASE           450.82         460.83         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.825         SEE DATABASE           450.825         460.85         SEE DATABASE           450.825         460.85         SEE DATABASE           450.825         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.925         460.975         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375
63         450.775         460.775         SEE         DATABASE           64         450.7875         460.7875         SEE         DATABASE           65         450.8         460.875         SEE         DATABASE           66         450.8125         460.8125         SEE         DATABASE           66         450.8125         460.825         SEE         DATABASE           68         450.8375         460.825         SEE         DATABASE           68         450.8375         460.8375         SEE         DATABASE           69         450.85         460.825         SEE         DATABASE           70         450.8625         460.825         SEE         DATABASE           71         450.875         460.875         SEE         DATABASE           72         450.8875         460.8875         SEE         DATABASE           73         450.9         460.9         SEE         DATABASE           73         450.9         460.9         SEE         DATABASE	450.775         460.775         SEE DATABASE           450.7875         460.7875         SEE DATABASE           450.8         460.8         SEE DATABASE           450.8125         460.8125         SEE DATABASE           450.825         460.8375         SEE DATABASE           450.835         460.8375         SEE DATABASE           450.835         460.8375         SEE DATABASE           450.835         460.8375         SEE DATABASE           450.8375         460.8375         SEE DATABASE           450.857         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.975         460.875         SEE DATABASE           450.975         460.975         SEE DATABASE           450.9125         460.9125         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.925         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.93
64         450.7875         460.7875         SEE DATABASE           65         450.8         460.8         SEE DATABASE           66         450.8125         460.8125         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.8375         SEE DATABASE           69         450.85         460.85         SEE DATABASE           70         450.8625         460.8625         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.875         SEE DATABASE           73         450.9         460.9875         SEE DATABASE	450.7875         460.7875         SEE DATABASE           450.8         460.8         SEE DATABASE           450.8125         460.8125         SEE DATABASE           450.825         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.835         460.8375         SEE DATABASE           450.855         460.8625         SEE DATABASE           450.857         460.8625         SEE DATABASE           450.875         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.915         460.975         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.935<
66         450.8125         460.8125         SEE DATABASE           67         450.825         460.825         SEE DATABASE           68         450.8375         460.825         SEE DATABASE           69         450.855         460.825         SEE DATABASE           70         450.8625         460.825         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.875         460.875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.8125         460.8125         SEE DATABASE           450.825         460.825         SEE DATABASE           450.8375         460.8375         SEE DATABASE           450.8375         460.8375         SEE DATABASE           450.855         460.8625         SEE DATABASE           450.8625         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.91         460.975         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.95         SEE DATABASE
67         450.825         460.825         SEE DATABASE           68         450.8375         460.8375         SEE DATABASE           69         450.85         460.85         SEE DATABASE           70         450.8625         460.8625         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9875         SEE DATABASE	450.825         460.825         SEE DATABASE           450.8375         460.8375         SEE DATABASE           450.85         460.85         SEE DATABASE           450.85         460.85         SEE DATABASE           450.85         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.9         460.9         SEE DATABASE           450.912         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.945         SEE DATABASE         450.95           450.955         460.95         SEE DATABASE
68         450.8375         460.8375         SEE DATABASE           69         450.85         460.85         SEE DATABASE           70         450.8625         460.8625         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.8375         460.8375         SEE DATABASE           450.85         460.85         SEE DATABASE           450.8625         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.8875         SEE DATABASE           450.90         460.9         SEE DATABASE           450.912         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE
69         450.85         460.85         SEE DATABASE           70         450.8625         460.8625         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.85         460.85         SEE DATABASE           450.8625         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.97         460.9         SEE DATABASE           450.9125         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE           450.95         460.9375         SEE DATABASE
70         450.8625         460.8625         SEE DATABASE           71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.8625         460.8625         SEE DATABASE           450.875         460.875         SEE DATABASE           450.875         460.875         SEE DATABASE           450.975         460.975         SEE DATABASE           450.925         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.955         460.9375         SEE DATABASE           450.956         460.9375         SEE DATABASE
71         450.875         460.875         SEE DATABASE           72         450.8875         460.8875         SEE DATABASE           73         450.9         460.9         SEE DATABASE	450.875         460.875         SEE DATABASE           450.875         460.8875         SEE DATABASE           450.9         460.9         SEE DATABASE           450.9125         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.935         460.9375         SEE DATABASE           450.935         460.9375         SEE DATABASE           450.955         460.95         SEE DATABASE
73 450.9 460.9 SEE DATABASE	450.9         460.9         SEE DATABASE           450.9125         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.925         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.955         460.95         SEE DATABASE
	450.9125         460.9125         SEE DATABASE           450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.935         460.935         SEE DATABASE
14 400.9120 400.9120 SEE DATABASE	450.925         460.925         SEE DATABASE           450.9375         460.9375         SEE DATABASE           450.95         460.95         SEE DATABASE
	450.9375         460.9375         SEE DATABASE           450.95         460.95         SEE DATABASE
	450.95 460.95 SEE DATABASE
78 450.9625 460.9625 SEE DATABASE	
79 450.975 460.975 SEE DATABASE	
80 450.9875 460.9875 SEE DATABASE	
81 451 461 SEE DATABASE	
	451.0125 461.0125 SEE DATABASE 451.025 461.025 SEE DATABASE
85 451.05 461.05 SEE DATABASE	451.025 461.025 SEE DATABASE
86 451.0625 461.0625 SEE DATABASE	451.025         461.025         SEE DATABASE           451.0375         461.0375         SEE DATABASE
	451.025         461.025         SEE DATABASE           451.0375         461.0375         SEE DATABASE           451.05         461.05         SEE DATABASE
87 451.075 461.075 SEE DATABASE	451.025         461.025         SEE DATABASE           451.0375         461.0375         SEE DATABASE           451.05         461.05         SEE DATABASE           451.0625         461.0625         SEE DATABASE           451.075         461.075         SEE DATABASE           451.075         461.075         SEE DATABASE
87         451.075         461.075         SEE DATABASE           88         451.0875         461.0875         SEE DATABASE	451.025         461.025         SEE DATABASE           451.0375         461.0375         SEE DATABASE           451.05         461.05         SEE DATABASE           451.062         461.0625         SEE DATABASE           451.075         461.075         SEE DATABASE           451.075         461.0875         SEE DATABASE           451.075         461.0875         SEE DATABASE           451.0875         461.0875         SEE DATABASE
87 451.075 461.075 SEE DATABASE	451.025         461.025         SEE DATABASE           451.0375         461.0375         SEE DATABASE           451.05         461.05         SEE DATABASE           451.0625         461.0625         SEE DATABASE           451.075         461.0625         SEE DATABASE           451.075         461.075         SEE DATABASE           451.0875         SEE DATABASE           451.0875         SEE DATABASE           451.0875         SEE DATABASE           451.1         461.1           SEE DATABASE

No. 41854 469

Page 163/198

CH-PLA	N FOR 450	_452.9875/	460_462.9875MHz 2005 (12.5 kHz)
CH. No.	BTX	MTX 404.4275	REMARKS
92 93	451.1375 451.15	461.1375 461.15	SEE DATABASE SEE DATABASE
94	451.1625	461.1625	SEE DATABASE
95	451.175	461.175	SEE DATABASE
96 97	451.1875 451.2	461.1875 461.2	SEE DATABASE SEE DATABASE
98	451.2125	461.2125	SEE DATABASE
99	451.225	461.225	SEE DATABASE
100 101	451.2375 451.25	461.2375 461.25	SEE DATABASE SEE DATABASE
101	451.2625	461.2625	SEE DATABASE SEE DATABASE
103	451.275	461.275	SEE DATABASE
104	451.2875	461.2875	SEE DATABASE
105 106	451.3 451.3125	461.3 461.3125	SEE DATABASE SEE DATABASE
100	451.325	461.325	SEE DATABASE
108	451.3375	461.3375	SEE DATABASE
109	451.35	461.35	SEE DATABASE
110 111	451.3625	461.3625	SEE DATABASE SEE DATABASE
112	451.375 451.3875	461.375 461.3875	SEE DATABASE
113	451.4	461.4	SEE DATABASE
114	451.4125	461.4125	SEE DATABASE
115	451.425	461.425	SEE DATABASE
116 117	451.4375 451.45	461.4375 461.45	SEE DATABASE SEE DATABASE
118	451.4625	461.4625	SEE DATABASE
119	451.475	461.475	SEE DATABASE
120 121	451.4875 451.5	461.4875 461.5	SEE DATABASE SEE DATABASE
121	451.5125	461.5125	SEE DATABASE
123	451.525	461.525	SEE DATABASE
124	451.5375	461.5375	SEE DATABASE
125 126	451.55 451.5625	461.55 461.5625	SEE DATABASE SEE DATABASE
120	451.575	461.575	SEE DATABASE
128	451.5875	461.5875	SEE DATABASE
129	451.6	461.6	SEE DATABASE
130 131	451.6125 451.625	461.6125 461.625	SEE DATABASE SEE DATABASE
132	451.6375	461.6375	SEE DATABASE
133	451.65	461.65	SEE DATABASE
134	451.6625	461.6625	SEE DATABASE
	451.675	461.675	SEE DATABASE
135	451 6875	461 6875	
135 136 137	451.6875 451.7	461.6875 461.7	SEE DATABASE SEE DATABASE
136			
136 137 138	451.7 451.7125	461.7 461.7125	SEE DATABASE SEE DATABASE
136 137 138 CH. No.	451.7 451.7125 BTX	461.7 461.7125 MTX	SEE DATABASE SEE DATABASE REMARKS
136 137 138 CH. No. CH-PLA	451.7 451.7125 BTX N FOR 450	461.7 461.7125 MTX 452.9875/	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz)
136 137 138 CH. No.	451.7 451.7125 BTX	461.7 461.7125 MTX 452.9875/ MTX 461.725	SEE DATABASE SEE DATABASE REMARKS
136 137 138 CH. No. CH-PLA CH. No. 139 140	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.7375	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH. No. CH. No. 139 140 141	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.735 451.75	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.7375 451.75 451.7625	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.7625	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 141	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.735 451.75	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145	451.7 451.7125 BTX NFOR 450 BTX 451.725 451.7375 451.7625 451.775 451.775 451.7825 451.7875 451.875	461.7 461.7125 MTX 452.9875/ 451.725 461.7375 461.7625 461.7625 461.7875 461.7875 461.8	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH. No. 139 140 141 142 143 144 145 146	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.7625 451.775 451.7875 451.7875 451.8125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.75 461.75 461.75 461.7875 461.8125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147	451.7 451.7125 BTX NFOR 450 BTX 451.725 451.7375 451.7625 451.775 451.775 451.7825 451.7875 451.875	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.735 461.75 461.75 461.75 461.78 461.81 461.8125 461.825	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 141 142 143 144 145 146 147 148 149	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7375 451.7625 451.775 451.7875 451.7875 451.8125 451.8125 451.8375 451.8375	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7625 461.775 461.7875 461.7875 461.8125 461.8125 461.8375 461.8375	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7625 451.775 451.775 451.875 451.8125 451.825 451.825 451.8375 451.825	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.735 461.75 461.7625 461.775 461.875 461.8125 461.825 461.8375 461.825	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 150 151	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.75 451.76 451.775 451.7875 451.8125 451.825 451.8375 451.825 451.825	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.75 461.75 461.75 461.75 461.875 461.8125 461.8375 461.8375 461.8375 461.8375 461.8375	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7625 451.775 451.775 451.875 451.8125 451.825 451.825 451.8375 451.825	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.735 461.75 461.7625 461.775 461.875 461.8125 461.825 461.8375 461.825	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 142 143 144 144 145 146 147 148 146 147 148 149 150 151 152 153 154	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.75 451.76 451.775 451.7875 451.8125 451.8125 451.8375 451.8625 451.875 451.875 451.9125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.735 461.75 461.75 461.76 461.7875 461.8125 461.8125 461.8125 461.825 461.8375 461.8375 461.8375 461.8375 461.8375 461.8375 461.9125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH-PLA CH-No. 139 140 141 142 143 144 144 145 144 145 146 147 148 149 150 151 151 155	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7625 451.7675 451.7675 451.8125 451.8125 451.825 451.825 451.8275 451.8875 451.8875 451.925	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.775 461.7625 461.775 461.7875 461.875 461.8125 461.825 461.8375 461.85 461.875 461.875 461.875 461.925	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 142 143 144 144 145 146 147 148 146 147 148 149 150 151 152 153 154	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.75 451.76 451.775 451.7875 451.8125 451.8125 451.8375 451.8625 451.875 451.875 451.9125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.735 461.75 461.75 461.76 461.775 461.8125 461.8125 461.8125 461.825 461.8375 461.8375 461.8375 461.8375 461.8375 461.8375 461.9125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 144 144 144 145 144 145 147 148 149 150 151 151 152 153 155 156 155 156	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7625 451.7675 451.7875 451.8775 451.8125 451.825 451.8275 451.875 451.875 451.875 451.875 451.925 451.9375	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.725 461.75 461.76 461.787 461.8125 461.825 461.825 461.8375 461.825 461.8875 461.8875 461.925 461.925 461.925	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 142 143 144 144 145 146 147 148 146 147 148 146 150 151 152 153 154 155 156 157 158 159	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.75 451.7625 451.767 451.7875 451.8125 451.8125 451.825 451.8375 451.875 451.875 451.9125 451.925 451.925 451.925	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.8125 461.8125 461.8375 461.8375 461.8375 461.857 461.857 461.925 461.925 461.9375 461.95	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.7375 451.7625 451.7625 451.7875 451.7875 451.8125 451.825 451.825 451.825 451.825 451.8875 451.9125 451.9125 451.925 451.925 451.9575	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.7875 461.7875 461.7875 461.825 461.8375 461.8375 461.8625 461.8875 461.825 461.925 461.925 461.925 461.925 461.9675	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 142 143 144 144 145 146 147 148 146 147 148 146 150 151 152 153 154 155 156 157 158 159	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.75 451.7625 451.767 451.7875 451.8125 451.8125 451.825 451.8375 451.875 451.875 451.9125 451.925 451.925 451.925	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.8125 461.8125 461.8375 461.8375 461.8375 461.857 461.857 461.925 461.925 461.9375 461.95	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 144 145 144 145 146 147 148 149 150 151 152 153 155 156 157 158 155 156 157 158 160 161 161 2 163	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.767 451.7875 451.7875 451.8125 451.8125 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.725 461.775 461.7625 461.775 461.7875 461.875 461.8125 461.825 461.825 461.825 461.825 461.925 461.925 461.975 461.975 461.975 461.975	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATAB
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 146 150 151 151 152 153 154 155 156 157 157 158 159 160 161 162 163 164	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.75 451.76 451.75 451.78 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.975 451.975 451.975 451.975 451.975 452.0125 452.0375	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.8125 461.8125 461.8125 461.8375 461.825 461.825 461.825 461.925 461.9125 461.925 461.975 461.975 461.975 462.0125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. 139 140 141 142 143 144 144 145 144 145 146 147 147 148 149 150 151 152 153 155 156 155 156 157 158 159 160 161 162 163	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.767 451.7875 451.7875 451.8125 451.8125 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.725 461.725 461.775 461.7625 461.775 461.7875 461.875 461.8125 461.825 461.825 461.825 461.825 461.925 461.925 461.975 461.975 461.975 461.975	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
136 137 138 CH. No. CHPLA CH. No. 139 140 141 142 143 144 144 145 146 147 147 147 147 148 146 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7375 451.7375 451.7875 451.7875 451.825 451.825 451.8375 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.8125 461.825 461.8375 461.8375 461.9125 461.9125 461.925 461.925 461.95 461.95 461.95 461.95 461.95 461.95 461.95 461.95 462.025 462.0375 462.05	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 144 145 144 145 144 145 146 150 151 152 153 155 156 155 156 157 158 155 156 161 161 162 163 164 165 166 167 168	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.7375 451.7625 451.7625 451.7875 451.7875 451.825 451.8125 451.825 451.825 451.825 451.8275 451.925 451.925 451.925 451.925 451.925 451.9275 452.025 452.025 452.0575	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.8375 461.8375 461.8375 461.8625 461.8375 461.8625 461.9125 461.925 461.925 461.925 461.9375 461.9625 462.025 462.025 462.055	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 146 147 148 146 150 151 150 151 155 155 155 155 155 155	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.75 451.7625 451.7625 451.775 451.7875 451.8125 451.8275 451.8275 451.8275 451.8275 451.925 451.925 451.925 451.925 451.9275 452.0125 452.075 452.075	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.8125 461.8125 461.8125 461.825 461.8375 461.825 461.825 461.925 461.925 461.925 461.925 461.975 462.0375 462.075 462.015	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DAT
136 137 138 CH. No. 139 140 141 142 143 144 144 145 144 145 144 145 146 150 151 152 153 155 156 155 156 157 158 155 156 161 161 162 163 164 165 166 167 168	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.7375 451.7625 451.7625 451.7875 451.7875 451.825 451.8125 451.825 451.825 451.825 451.8275 451.925 451.925 451.925 451.925 451.925 451.9275 452.025 452.025 452.0575	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.8375 461.8375 461.8375 461.8625 461.8375 461.8625 461.9125 461.925 461.925 461.925 461.9375 461.9625 462.025 462.025 462.055	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 146 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7625 451.7625 451.767 451.7875 451.7875 451.8125 451.825 451.8375 451.825 451.8375 451.825 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.075 452.125 452.1375	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.76 461.7875 461.8125 461.8125 461.825 461.8375 461.8375 461.825 461.825 461.825 461.9375 461.925 461.925 461.9375 461.925 461.925 462.025 462.025 462.075 462.075 462.125	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) SEE DATABASE SEE DATABASE SE
136 137 138 CH. No. 139 140 141 142 143 144 144 145 144 145 146 147 148 149 150 151 152 153 155 155 155 155 155 155 155 155 155	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.7375 451.7375 451.7625 451.775 451.7875 451.7875 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.05 452.05 452.125 452.125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.825 461.8375 461.8375 461.8375 461.8475 461.825 461.9125 461.925 461.925 461.925 461.9375 461.95 461.95 461.95 462.025 462.025 462.0375 462.05 462.05 462.125 462.1125 462.1125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 144 145 146 147 148 144 145 146 147 148 146 151 152 153 154 155 156 155 156 155 156 155 156 157 158 159 160 161 162 163 164 165 166 167 170 177 177 177 177	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.75 451.76 451.76 451.76 451.775 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.0125 452.025 452.025 452.025	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.75 461.8125 461.8125 461.825 461.825 461.8375 461.825 461.825 461.925 461.925 461.925 461.925 461.95 461.95 461.95 461.95 461.95 461.95 461.9625 462.025 462.0375 462.05 462.0375 462.125 462.15 462.15 462.15	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 144 145 144 145 146 147 148 149 150 151 152 153 155 155 155 155 155 155 155 155 155	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.725 451.7375 451.7375 451.7625 451.775 451.7875 451.7875 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.05 452.05 452.125 452.125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.825 461.8375 461.8375 461.8375 461.8475 461.825 461.9125 461.925 461.925 461.925 461.9375 461.95 461.95 461.95 462.025 462.025 462.0375 462.05 462.05 462.125 462.1125 462.1125	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 144 145 150 151 151 152 153 154 155 155 156 157 158 159 160 161 162 163 164 165 166 167 168 168 169 170 177 177	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.735 451.75 451.7625 451.7625 451.7875 451.8125 451.825 451.8375 451.8375 451.8475 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.175	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.76 461.78 461.8125 461.8125 461.825 461.8375 461.825 461.825 461.825 461.825 461.9375 461.925 461.9375 461.925 461.9375 461.925 461.925 462.025 462.025 462.075 462.075 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 144 145 146 146 147 148 149 150 151 152 153 154 155 155 155 155 155 155 155 155 155	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7375 451.7375 451.7375 451.7875 451.7875 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.05 452.125 452.125 452.125 452.15 452.15 452.15 452.15 452.15 452.15 452.15 452.125	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.7875 461.7875 461.8125 461.825 461.8375 461.8375 461.8375 461.9125 461.9125 461.925 461.925 461.925 461.925 461.9375 462.025 462.025 462.025 462.0375 462.05 462.05 462.125 462.125 462.1375 462.15 462.15 462.15 462.175 462.175	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 146 150 151 151 152 153 154 155 155 156 155 155 156 157 158 159 160 161 162 163 164 165 166 167 170 177 177	451.7 451.7125 BTX N FOR 450 BTX 451.725 451.725 451.735 451.75 451.7625 451.7625 451.7875 451.8125 451.825 451.8375 451.8375 451.8475 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.175	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.76 461.78 461.8125 461.8125 461.825 461.8375 461.825 461.825 461.825 461.825 461.9375 461.925 461.9375 461.925 461.9375 461.925 461.925 462.025 462.025 462.075 462.075 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375 462.1375	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DAT
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 144 145 146 147 148 146 147 148 149 150 151 152 155 156 155 155 155 155 155 155 155 155	451.7 451.7125 BTX AFDR 4500 BTX 451.725 451.725 451.7375 451.7625 451.7625 451.767 451.7875 451.7875 451.8125 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.0125 452.0125 452.025 452.025 452.025 452.1125 452.115 452.215 452.225	461.7 461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.875 461.8125 461.8125 461.825 461.8375 461.8375 461.8375 461.825 461.825 461.925 461.925 461.925 461.9375 461.95 461.95 461.95 461.95 461.95 461.95 461.925 461.975 462.0125 462.025 462.025 462.075 462.125 462.1375 462.15 462.125 462.225	SEE DATABASE SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATA
136 137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 144 145 150 151 150 151 152 153 154 155 156 155 156 155 156 155 156 157 158 159 160 161 162 163 164 165 166 167 170 170 177 177 177 177 177 177 177 17	451.7 451.7125 BTX NFOR 4500 BTX 451.725 451.725 451.725 451.75 451.7625 451.7625 451.7875 451.8125 451.8275 451.8275 451.8275 451.8275 451.8275 451.8275 451.925 451.925 451.925 451.925 451.925 451.925 452.0125 452.025 452.075 452.075 452.175 452.275 452.275 452.275 452.275 452.275	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.75 461.75 461.75 461.75 461.75 461.8125 461.8125 461.8125 461.825 461.825 461.825 461.825 461.825 461.925 461.925 461.925 461.925 461.9375 461.925 461.9375 461.9375 462.025 462.025 462.0375 462.0375 462.0375 462.15 462.15 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.125 462.225 462.225 462.2375	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DAT
136 137 138 CH. No. CH-PLA CH. No. 139 140 141 141 142 143 144 144 145 146 146 150 151 150 151 155 156 155 156 157 158 155 156 167 163 164 165 166 167 168 166 167 170 171 177 178 179 180 181	451.7 451.7125 BTX N FOR 4500 BTX 451.725 451.7375 451.7375 451.7375 451.7875 451.7875 451.7875 451.825 451.825 451.8375 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.025 452.125 452.125 452.125 452.15 452.25	461.7 461.7125 MTX 452.9875/ MTX 461.725 461.7375 461.7375 461.7625 461.767 461.7875 461.7875 461.7875 461.825 461.8375 461.8375 461.8375 461.825 461.8375 461.825 461.925 461.925 461.925 461.925 461.925 461.925 461.925 462.025 462.025 462.025 462.025 462.125 462.125 462.125 462.15 462.15 462.15 462.25	SEE DATABASE REMARKS 460_462.9875MHz 2005 (12.5 kHz) REMARKS 58E DATABASE SEE DAT

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 164/198

CH-PLA	N FOR 450	452.9875	/460_462.9875MHz 2005 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
186	452.3125	462.3125	SEE DATABASE
187	452.325	462.325	SEE DATABASE
188	452.3375	462.3375	SEE DATABASE
189	452.35	462.35	SEE DATABASE
190	452.3625	462.3625	SEE DATABASE
191	452.375	462.375	SEE DATABASE
192	452.3875	462.3875	SEE DATABASE
193	452.4	462.4	SEE DATABASE
194	452.4125	462.4125	SEE DATABASE
195	452.425	462.425	SEE DATABASE
196	452.4375	462.4375	SEE DATABASE
197	452.45	462.45	SEE DATABASE
198	452.4625	462.4625	SEE DATABASE
199	452.475	462.475	SEE DATABASE
200	452.4875	462.4875	SEE DATABASE
201	452.5	462.5	SEE DATABASE
202	452.5125	462.5125	SEE DATABASE
203	452.525	462.525	SEE DATABASE
204	452.5375	462.5375	SEE DATABASE
205	452.55	462.55	SEE DATABASE
206	452.5625	462.5625	SEE DATABASE
207	452.575	462.575	SEE DATABASE
208	452.5875	462.5875	SEE DATABASE
209	452.6	462.6	SEE DATABASE
210	452.6125	462.6125	SEE DATABASE
211	452.625	462.625	SEE DATABASE
212	452.6375	462.6375	SEE DATABASE
213	452.65	462.65	SEE DATABASE
214	452.6625	462.6625	SEE DATABASE
215	452.675	462.675	SEE DATABASE
216	452.6875	462.6875	SEE DATABASE
217	452.7	462.7	SEE DATABASE
218	452.7125	462.7125	SEE DATABASE
219	452.725	462.725	SEE DATABASE
220	452.7375	462.7375	SEE DATABASE
221	452.75	462.75	SEE DATABASE
222	452.7625	462.7625	SEE DATABASE
223	452.775	462.775	SEE DATABASE
224	452.7875	462.7875	SEE DATABASE
225	452.8	462.8	SEE DATABASE
226	452.8125	462.8125	SEE DATABASE
227	452.825	462.825	SEE DATABASE
228	452.8375	462.8375 462.85	SEE DATABASE
229	452.85		SEE DATABASE
230	452.8625	462.8625	SEE DATABASE
231	452.875 452.8875	462.875	SEE DATABASE
232		462.8875	SEE DATABASE
CH. No.	402.0010		
OFT. NO.			DEMADKS
	BTX	MTX	REMARKS
CH-PLA	BTX	MTX	REMARKS /460_462.9875MHz 2005 (12.5 kHz)
CH-PLA CH. No.	BTX	MTX	
	BTX N FOR 450	мтх _452.9875	/460_462.9875MHz 2005 (12.5 kHz)
CH. No.	втх N FOR 450 втх	мтх _452.9875 	/460_462.9875MHz 2005 (12.5 kHz) REMARKS
CH. No. 233	втх N FOR 450 втх 452.9	мтх _452.9875 	/460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE
CH. No. 233 234	BTX AN FOR 450 BTX 452.9 452.9125	MTX 452.9875 MTX 462.9 462.9125	/460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE
CH. No. 233 234 235	BTX N FOR 450 BTX 452.9 452.9125 452.925	MTX 452.9875 MTX 462.9 462.9125 462.925	/460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 233 234 235 236	BTX N FOR 4500 BTX 452.91 452.9125 452.925 452.9375	MTX 452.9875 MTX 462.9 462.9125 462.925 462.9375	/460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 233 234 235 236 237	BTX N FOR 450 BTX 452.91 452.9125 452.925 452.9375 452.95	MTX 452.9875 MTX 462.9 462.9125 462.925 462.9375 462.9375 462.95	/460_462.9875MHz 2005 (12.5 kHz) REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE

No. 41854 **471** 

Page 165/198

		452 453 0975MH- 2002 (42 EKL-)
HAININE CH. No.	SF PLAN FOR 4	453 - 453.9875MHz 2003 (12.5kHz) REMARKS SIG
JH. NO. 1	453	SEE DATABASE
2	453.0125	SEE DATABASE
3	453.025	SEE DATABASE
4	453.0375	SEE DATABASE
5	453.05	SEE DATABASE
6	453.0625 453.075	SEE DATABASE SEE DATABASE
8	453.0875	SEE DATABASE
9	453.1	SEE DATABASE
10	453.1125	SEE DATABASE
11	453.125	SEE DATABASE
12	453.1375	SEE DATABASE
13 14	453.15	SEE DATABASE
14	453.1625 453.175	SEE DATABASE SEE DATABASE
16	453.1875	SEE DATABASE
17	453.2	SEE DATABASE
18	453.2125	SEE DATABASE
19	453.225	SEE DATABASE
20	453.2375	SEE DATABASE
21 22	453.25 453.2625	SEE DATABASE SEE DATABASE
22	453.275	SEE DATABASE
23	453.2875	SEE DATABASE
25	453.3	SEE DATABASE
26	453.3125	SEE DATABASE
27	453.325	SEE DATABASE
28	453.3375	SEE DATABASE
29 30	453.35 453.3625	SEE DATABASE SEE DATABASE
31	453.375	SEE DATABASE
32	453.3875	SEE DATABASE
33	453.4	SEE DATABASE
34	453.4125	SEE DATABASE
35	453.425	SEE DATABASE
36	453.4375	SEE DATABASE
37 38	453.45 453.4625	SEE DATABASE SEE DATABASE
39	453.475	SEE DATABASE
40	453.4875	SEE DATABASE
41	453.5	SEE DATABASE
42	453.5125	SEE DATABASE
43	453.525	SEE DATABASE
44 45	453.5375	SEE DATABASE SEE DATABASE
45	453.55 453.5625	SEE DATABASE
47	453.575	SEE DATABASE
	100.010	
HANNF	I PLAN FOR	453 - 453.9875MHz 2003 (12.5kHz)
48	453.5875	SEE DATABASE
49	453.6	SEE DATABASE
50	453.6125	SEE DATABASE
51	453.625	SEE DATABASE
52	453.6375	SEE DATABASE
53	453.65	SEE DATABASE
54 55	453.6625 453.675	SEE DATABASE SEE DATABASE
56	453.6875	SEE DATABASE
57	453.7	SEE DATABASE
58	453.7125	SEE DATABASE
59	453.725	SEE DATABASE
60	453.7375	SEE DATABASE
61	453.75	SEE DATABASE
62 63	453.7625 453.775	SEE DATABASE SEE DATABASE
64	453.7875	SEE DATABASE
65	453.8	SEE DATABASE
66	453.8125	SEE DATABASE
	453.825	SEE DATABASE
67	453.8375	SEE DATABASE
68	453.85	SEE DATABASE
68 69		SEE DATABASE
68 69 70	453.8625	
68 69 70 71	453.875	SEE DATABASE
68 69 70 71 72	453.875 453.8875	SEE DATABASE
68 69 70 71 72 73	453.875 453.8875 453.9	SEE DATABASE SEE DATABASE
68 69 70 71 72	453.875 453.8875	SEE DATABASE
68 69 70 71 72 73 74	453.875 453.8875 453.9 453.9125	SEE DATABASE SEE DATABASE SEE DATABASE
68         69           70         71           71         72           73         74           75         76           77         77	453.875 453.8875 453.9 453.9125 453.925 453.9375 453.935	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
68         69           70         71           72         73           74         75           76         76	453.875 453.8875 453.9 453.9125 453.925 453.925 453.9375	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 166/198

	N FOR 454	.425_460/4	464.425_470MHz 2004 (12.5 kHz)
CH. No. 1	BTX 454.425	MTX 464.425	REMARKS
2	454.4375	464.4375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
3	454.45	464.45	VARIOUS ASSIGMENTS
4	454.4625	464.4625	VARIOUS ASSIGMENTS
5	454.475	464.475	VARIOUS ASSIGMENTS
6	454.4875 454.5	464.4875 464.5	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
8	454.5125	464.5125	VARIOUS ASSIGNENTS
9	454.525	464.525	VARIOUS ASSIGMENTS
10	454.5375	464.5375	VARIOUS ASSIGMENTS
11 12	454.55	464.55	VARIOUS ASSIGMENTS
12	454.5625 454.575	464.5625 464.575	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
14	454.5875	464.5875	VARIOUS ASSIGMENTS
15	454.6	464.6	VARIOUS ASSIGMENTS
16	454.6125	464.6125	VARIOUS ASSIGMENTS
17	454.625	464.625	VARIOUS ASSIGMENTS
18 19	454.6375 454.65	464.6375 464.65	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
20	454.6625	464.6625	VARIOUS ASSIGMENTS
21	454.675	464.675	VARIOUS ASSIGMENTS
22	454.6875	464.6875	VARIOUS ASSIGMENTS
23	454.7	464.7	VARIOUS ASSIGMENTS
24 25	454.7125 454.725	464.7125 464.725	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
26	454.7375	464.7375	VARIOUS ASSIGMENTS
27	454.75	464.75	VARIOUS ASSIGMENTS
28	454.7625	464.7625	VARIOUS ASSIGMENTS
29 30	454.775 454.7875	464.775 464.7875	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
30	454.7875	464.8	VARIOUS ASSIGMENTS
32	454.8125	464.8125	VARIOUS ASSIGMENTS
33	454.825	464.825	VARIOUS ASSIGMENTS
34 35	454.8375 454.85	464.8375	VARIOUS ASSIGMENTS
35	454.8625	464.85 464.8625	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
37	454.875	464.875	VARIOUS ASSIGNENTS
38	454.8875	464.8875	VARIOUS ASSIGMENTS
39	454.9	464.9	VARIOUS ASSIGMENTS
40	454.9125	464.9125	VARIOUS ASSIGMENTS
44	464 006		
41 42	454.925 454.9375	464.925	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
41 42 43	454.925 454.9375 454.95	464.925 464.9375 464.95	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
42 43 44 CH. No.	454.9375 454.95 454.9625 BTX	464.9375 464.95 464.9625 MTX	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS
42 43 44 CH. No. CH. No.	454.9375 454.95 454.9625 BTX N FOR 454 BTX	464.9375 464.95 464.9625 MTX .425_460/4 MTX	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS
42 43 44 CH. No.	454.9375 454.95 454.9625 BTX N FOR 454	464.9375 464.95 464.9625 MTX .425_460/4	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz)
42 43 44 CH. No. CH. No. 45 46 47	454.9375 454.95 454.9625 BTX N FOR 454 BTX 454.975	464.9375 464.95 464.9625 MTX .425_460/4 MTX 464.975	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS
42 43 44 CH. No. CH. No. 45 46 47 48	454.9375 454.9625 BTX N FOR 454 BTX 454.975 454.9875 455 455.0125	464.9375 464.9625 MTX .425_460/4 MTX 464.975 464.9875 465 465	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 48 49	454.9375 454.9625 BTX AN FOR 454 BTX 454.975 454.9875 455.0125 455.025	464.9375 464.9625 MTX .425_460/4 MTX 464.975 464.9875 465.0125 465.0125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS ARIOUS ASSIGMENTS ARIOUS ASSIGMENTS ARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 48 49 50	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.975 455.0125 455.0125 455.0375	464.9375 464.9625 MTX .425_460/4 MTX 464.975 464.9875 465.0125 465.0125 465.0375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 47 48 49 50 51 51 52	454.9375 454.9625 BTX AN FOR 454 BTX 454.975 454.9875 455.0125 455.025	464.9375 464.9625 MTX .425_460/4 MTX 464.975 464.9875 465.0125 465.0125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53	454.9375 454.9625 BTX BTX 454.9625 NFOR 454 BTX 454.9875 455 455.0125 455.0125 455.025 455.0375 455.0625 455.075	464.9375 464.9625 MTX .425_460/4 MTX 464.975 464.9875 465.0125 465.0125 465.025 465.0375 465.052 465.075	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 48 49 50 51 52 53 53 54	454.9375 454.95 454.9625 BTX NFOR 454 BTX 454.9875 455.025 455.0125 455.025 455.025 455.05 455.05 455.0625 455.0675	464.9375 464.9625 MTX .425_460/4 MTX 464.975 465.0125 465.0125 465.025 465.025 465.05 465.05 465.075	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS AG4.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55	454.9375 454.962 BTX BTX 454.9625 AN FOR 454 BTX 454.9875 455.025 455.0375 455.0375 455.0375 455.0375 455.0625 455.075 455.1	464.9375 464.9625 464.9625 MTX MTX 464.975 464.975 464.9875 465.0125 465.0125 465.025 465.025 465.0375 465.0625 465.075 465.075 465.1	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 48 49 50 51 52 53 53 54	454.9375 454.95 454.9625 BTX NFOR 454 BTX 454.9875 455.025 455.0125 455.025 455.025 455.05 455.05 455.0625 455.0675	464.9375 464.9625 MTX .425_460/4 MTX 464.975 465.0125 465.0125 465.025 465.025 465.05 465.05 465.075	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS AG4.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PLA</b> CH. No. 45 46 47 48 49 50 51 52 53 54 55 55 55 55 55 55 55 55	454.9375 454.9625 BTX BTX HFOR 454 BTX 454.9875 455 455.0125 455.0125 455.026 455.026 455.026 455.026 455.0275 455.0275 455.075 455.125 455.125	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9675 465.0125 465.0125 465.025 465.025 465.0375 465.025 465.0375 465.0875 465.0875 465.1125 465.1375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH-PL/ CH. No. 45 46 47 47 48 49 50 51 51 52 53 54 55 56 57 58 59	454.9375 454.9625 BTX NFOR 454 BTX 454.9875 455.025 455.0125 455.0125 455.025 455.025 455.025 455.0375 455.05 455.05 455.125 455.1125 455.125 455.1375	464.9375 464.9625 MTX .425_460/4 MTX 464.975 465.0125 465.0125 465.025 465.025 465.025 465.05 465.075 465.075 465.125 465.1125 465.125 465.125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PLA</b> CH. No. 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58	454.9375 454.9625 BTX BTX HFOR 454 BTX 454.9875 455 455.0125 455.0125 455.026 455.026 455.026 455.026 455.0275 455.0275 455.075 455.125 455.125	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9675 465.0125 465.0125 465.025 465.025 465.0375 465.025 465.0375 465.0875 465.0875 465.1125 465.1375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 CH. No. CH. No. CH. No. 45 46 47 47 48 50 51 52 53 54 55 55 55 55 57 57 58 59 60	454.9375 454.962 BTX BTX 454.9625 AN FOR 454 BTX 454.975 455.975 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.075 455.125 455.125 455.125 455.15 455.15 455.1625	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.975 464.9875 464.9875 465.025 465.025 465.025 465.025 465.025 465.075 465.125 465.125 465.125 465.15 465.15 465.15 465.175	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 55 55 55 55 55 56 57 55 58 59 60 61 62 63	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.026 455.026 455.0275 455.026 455.0375 455.026 455.0375 455.0275 455.1225 455.1375 455.1375 455.1375 455.1375 455.1375 455.1375	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 465.075 465.0125 465.0125 465.025 465.025 465.025 465.025 465.0375 465.0875 465.0875 465.1125 465.1375 465.1375 465.1375 465.1375 465.1875	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXARTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 50 51 51 52 53 54 55 55 55 56 56 57 58 56 60 61 62 63 64	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.025 455.025 455.025 455.075 455.0875 455.0875 455.0875 455.0875 455.125 455.125 455.125 455.125 455.157 455.157 455.175 455.175 455.175	464.9375 464.9625 MTX MTX 464.9625 464.9625 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.025 465.075 465.0875 465.0875 465.0875 465.125 465.125 465.125 465.1375 465.15 465.15 465.15 465.15 465.2125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 50 51 52 53 53 54 55 55 55 56 60 61 62 63 64 65	454.9375 454.962 BTX BTX 454.9625 AN FOR 454 BTX 454.9875 455.025 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.975 464.975 464.9875 465.0125 465.0125 465.025 465.025 465.025 465.025 465.075 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 50 51 51 52 53 54 55 55 55 56 56 57 58 56 60 61 62 63 64	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.025 455.025 455.025 455.075 455.0875 455.0875 455.0875 455.0875 455.125 455.125 455.125 455.125 455.157 455.157 455.175 455.175 455.175	464.9375 464.9625 MTX MTX 464.9625 464.9625 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.025 465.075 465.0875 465.0875 465.0875 465.125 465.125 465.125 465.1375 465.15 465.15 465.15 465.15 465.2125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 47 48 49 50 51 53 53 53 55 55 55 55 55 56 57 55 56 57 58 59 60 61 62 63 64 65 66 66 67 66	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.025 455.0125 455.0125 455.025 455.0375 455.025 455.0375 455.075 455.075 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.975 464.9875 465.0125 465.0125 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.1375 465.125 465.1375 465.1375 465.125 465.125 465.225 465.225 465.225	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH. PL/</b> 45 46 47 48 48 49 50 51 52 53 54 55 55 55 55 56 57 58 59 60 61 62 63 64 65 66 66 69	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.125 455.125 455.125 455.1375 455.1375 455.1375 455.1375 455.1375 455.225 455.2125 455.225 455.225	464.9375 464.9625 MTX MTX 464.9625 464.9625 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.075 465.0375 465.075 465.075 465.075 465.075 465.1125 465.1125 465.125 465.125 465.125 465.125 465.125 465.2125 465.225 465.225 465.2375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXIT TAULT AND A ASSIGMENTS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. 2H-PL/ CH. No. 45 46 47 47 48 49 50 51 52 53 53 54 55 55 55 55 56 60 61 62 63 64 65 66 66 67 68 69 70	454.9375 454.962 BTX BTX ASL 9625 ASL 9625 BTX BTX 454.9675 455.025 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.215 455.225 455.225 455.225 455.225 455.225	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.025 465.0125 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.225 465.2275	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH. PL/</b> 45 46 47 48 48 49 50 51 52 53 54 55 55 55 55 56 57 58 59 60 61 62 63 64 65 66 66 69	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.125 455.125 455.125 455.1375 455.1375 455.1375 455.1375 455.1375 455.225 455.2125 455.225 455.225	464.9375 464.9625 MTX MTX 464.9625 464.9625 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.075 465.0375 465.075 465.075 465.075 465.075 465.1125 465.1125 465.125 465.125 465.125 465.125 465.125 465.2125 465.225 465.225 465.2375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXIT TAULT AND A ASSIGMENTS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. CH. No. 45 46 47 47 48 49 50 51 53 53 53 55 55 55 55 55 56 60 61 61 62 63 64 65 66 66 66 66 67 66 68 66 67 70 71 72 73	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.975 455.025 455.0125 455.0125 455.025 455.025 455.025 455.075 455.075 455.075 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.2275 455.2275 455.3275	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.975 464.9875 465.0125 465.0125 465.025 465.025 465.0375 465.0375 465.0875 465.0375 465.125 465.1375 465.1375 465.1375 465.1375 465.1375 465.125 465.1375 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.2275 465.325	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH. PL/</b> 45 46 47 48 49 50 51 52 53 54 48 55 55 55 55 56 57 55 56 56 57 58 59 60 61 62 63 64 65 66 66 66 66 67 71 72 73 74	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.125 455.125 455.125 455.125 455.1375 455.125 455.125 455.125 455.2125 455.2125 455.225 455.215 455.225 455.225 455.275 455.275 455.375	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9625 465.0125 465.0125 465.025 465.025 465.025 465.0375 465.0375 465.0875 465.0875 465.0875 465.1125 465.125 465.125 465.125 465.125 465.1375 465.125 465.225 465.225 465.2375 465.225 465.225 465.2375 465.3375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. 2H-PL/ 45 46 47 47 48 49 50 51 52 53 53 54 55 55 55 55 55 55 56 60 61 62 63 64 65 66 66 65 66 67 68 69 70 71 72 73 74 75	454.9375 454.962 BTX BTX 454.9625 ANFOR 454 BTX 454.9875 455.025 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.225 455.225 455.2275 455.2875 455.3125 455.3275	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.025 465.0125 465.0125 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.225 465.2275 465.2275 465.2275 465.325 465.325 465.325	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH. PL/</b> 45 46 47 48 49 50 51 52 53 54 48 55 55 55 55 56 57 55 56 56 57 58 59 60 61 62 63 64 65 66 66 66 66 67 71 72 73 74	454.9375 454.9625 BTX BTX BTX 454.9625 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.075 455.125 455.125 455.125 455.125 455.1375 455.125 455.125 455.125 455.2125 455.2125 455.225 455.215 455.225 455.225 455.275 455.275 455.375	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.025 465.0125 465.025 465.025 465.025 465.0375 465.0375 465.0875 465.0875 465.0875 465.1125 465.1375 465.1375 465.1375 465.125 465.1375 465.225 465.2375 465.325 465.325	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXITING TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 53 53 55 55 56 57 55 56 60 61 62 63 64 63 64 65 66 66 66 67 71 72 73 74 75 76	454.9375 454.962 BTX BTX 454.9625 BTX BTX 454.975 455.975 455.025 455.0125 455.0125 455.025 455.0375 455.0375 455.0625 455.075 455.075 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.2275 455.2275 455.3275 455.326 455.326 455.326 455.326 455.326 455.326 455.326 455.3275	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.1375 465.1375 465.1375 465.1375 465.125 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.325 465.325 465.325 465.325 465.325 465.325 465.325	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS EXIT TAUTOR TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> 45 46 47 48 48 49 50 51 53 53 54 55 55 55 55 55 56 61 61 62 63 64 66 66 66 66 66 67 70 71 72 73 74 75 76 77 78 79	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.0125 455.0125 455.0125 455.025 455.025 455.0375 455.0375 455.0375 455.0375 455.076 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.2375 455.2375 455.3275 455.3275 455.3275 455.3275 455.325 455.3275 455.325 455.3275 455.325 455.3275 455.325 455.3275 455.3	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.0375 465.0375 465.0375 465.0375 465.0375 465.1125 465.1125 465.1125 465.1125 465.125 465.125 465.125 465.125 465.1375 465.125 465.2275 465.2375 465.2375 465.325 465.3375 465.3375 465.3375 465.3375 465.3375 465.3375	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXIT TAUTOR TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. 2H-PL/ 45 46 47 47 48 49 50 51 52 53 53 54 55 55 55 55 55 55 55 56 60 61 62 63 64 65 66 66 67 68 69 70 71 72 73 74 75 76 80	454.9375 454.962 BTX BTX 454.9625 ANFOR 4542 BTX 454.9675 455.9625 455.0375 455.0375 455.0375 455.0375 455.0375 455.0625 455.0375 455.0625 455.0625 455.075 455.0875 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.2375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.05 465.025 465.025 465.025 465.025 465.025 465.025 465.0375 465.0375 465.0375 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.2275 465.2275 465.2275 465.2275 465.2275 465.3275 465.3275 465.325 465.	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 55 55 55 55 55 56 57 55 58 59 60 61 61 62 63 64 65 66 66 66 66 67 70 71 72 73 74 75 75 76 77 77 80 81	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.125 455.125 455.1375 455.1375 455.1375 455.1375 455.1375 455.125 455.1375 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.3375 455.325 455.325 455.325 455.325 455.3375 455.325 45	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 465.925 465.025 465.0125 465.025 465.025 465.0375 465.0375 465.0375 465.0375 465.0375 465.125 465.1375 465.125 465.1375 465.125 465.1375 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.325 465.425	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS action of the second
42 43 44 CH. No. <b>CH. PL/</b> 45 46 47 48 49 50 51 52 53 54 55 55 55 55 55 56 57 57 58 59 60 61 62 63 64 65 66 66 67 70 71 72 73 74 75 76 77 77 78 80 81 82	454.9375 454.95 454.9625 BTX BTX 454.9625 454.9625 455.425 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.225 455.225 455.2275 455.2275 455.2275 455.2275 455.3275 455.4375	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.975 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.2375 465.325 465.425 465.425	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS assigments total assigments total assigments total assigments total assigments various assigments various assigments various assigments various assigments Existing transtel Existing
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 55 55 55 55 55 56 57 55 58 59 60 61 61 62 63 64 65 66 66 66 66 67 70 71 72 73 74 75 75 76 77 77 80 81	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.9875 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.125 455.125 455.1375 455.1375 455.1375 455.1375 455.1375 455.125 455.1375 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.3375 455.325 455.325 455.325 455.325 455.3375 455.325 45	464.9375 464.9625 MTX MTX 464.9625 464.9625 MTX 464.9625 465.0125 465.0125 465.0125 465.025 465.025 465.0375 465.0375 465.0375 465.0875 465.0875 465.1125 465.1125 465.1125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.2275 465.2275 465.2375 465.2275 465.2375 465.3275 465.3275 465.3275 465.3275 465.3375 465.425 465.425 465.425	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS  464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXIT OF TRANSTEL EXISTING TRANSTEL
42 43 44 CH. No. 2H-PL/ CH. No. 45 46 47 47 48 49 50 51 52 53 53 54 55 55 55 55 56 60 61 61 63 64 65 66 63 64 65 66 66 67 68 69 70 71 72 73 74 75 75 76 80 81 82 83 83 84 85	454.9375 454.962 BTX BTX HFOR 454.9625 454.9625 455.9625 455.0875 455.025 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.0375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.226 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.2275 455.2275 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.375 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425 455.425	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.975 464.9875 465.0125 465.0125 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.2275 465.2275 465.2275 465.2275 465.2275 465.2275 465.3275 465.4225 465.4225 465.425 465.425 465.475	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 55 55 56 57 55 58 59 60 61 61 62 63 64 63 64 65 66 66 66 67 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.975 455.9875 455.0125 455.0125 455.0125 455.025 455.025 455.025 455.025 455.075 455.025 455.075 455.125 455.125 455.1375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.2275 455.3275 455.3275 455.325 355.325 355.325 355.355.355.355 355.355 355.355 355	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.0375 465.0125 465.0125 465.025 465.025 465.0375 465.0375 465.0875 465.0875 465.125 465.1375 465.1375 465.125 465.1375 465.125 465.125 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.325 465.325 465.325 465.325 465.325 465.325 465.35 465.35 465.425 465.425 465.425 465.425	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS  464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
42 43 44 CH. No. <b>CH-PL/</b> 45 46 47 48 48 49 50 51 52 53 54 55 55 55 55 55 56 61 62 63 64 66 66 66 66 66 67 70 71 72 73 74 75 77 78 79 80 81 82 83 84 85 86 87	454.9375 454.95 454.9625 BTX BTX 454.9625 454.9625 455.4075 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.025 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.225 455.225 455.225 455.2275 455.2275 455.2275 455.2275 455.3275 455.4275 455.4275 455.4375 455.4375 455.4375 455.4375	464.9375 464.9625 MTX MTX 464.9625 MTX MTX 464.9875 464.9875 464.9875 464.9875 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.025 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.325 465.425 465.425 465.425 465.4375 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.45 7 465.475 465.475	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS ASSIGMENTS ACTION ASSIGMENTS ACTION ASSIGMENTS ACTION ASSIGMENTS ACTION ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL EXIS
42 43 44 CH. No. <b>CH-PL/</b> CH. No. 45 46 47 47 48 49 50 51 55 55 56 57 55 58 59 60 61 61 62 63 64 63 64 65 66 66 66 67 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85	454.9375 454.9625 BTX BTX 454.9625 BTX BTX 454.975 455.9875 455.0125 455.0125 455.0125 455.025 455.025 455.025 455.025 455.075 455.025 455.075 455.125 455.125 455.1375 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.2275 455.3275 455.3275 455.325 355.325 355.325 355.355.355.355 355.355 355.355 355	464.9375 464.9625 MTX MTX 464.9625 MTX 464.9625 464.9625 465.0375 465.0125 465.0125 465.025 465.025 465.0375 465.0375 465.0875 465.0875 465.125 465.1375 465.1375 465.125 465.1375 465.125 465.125 465.125 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.225 465.325 465.325 465.325 465.325 465.325 465.325 465.35 465.35 465.425 465.425 465.425 465.425	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS REMARKS  464.425_470MHz 2004 (12.5 kHz) REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL

No. 41854 473

Page 167/198

CH-PLA	N FOR 454	.425 460/4	64.425 470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
92 93	455.5625 455.575	465.5625 465.575	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
94	455.5875	465.5875	ADDITIONAL TRANSTEL (MIGRATION)
95 96	455.6	465.6	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
90	455.6125 455.625	465.6125 465.625	ADDITIONAL TRANSTEL (MIGRATION)
98	455.6375	465.6375	ADDITIONAL TRANSTEL (MIGRATION)
99 100	455.65 455.6625	465.65 465.6625	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
101	455.675	465.675	ADDITIONAL TRANSTEL (MIGRATION)
102 103	455.6875	465.6875	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
103	455.7 455.7125	465.7 465.7125	ADDITIONAL TRANSTEL (MIGRATION)
105	455.725	465.725	ADDITIONAL TRANSTEL (MIGRATION)
106 107	455.7375 455.75	465.7375 465.75	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
108	455.7625	465.7625	ADDITIONAL TRANSTEL (MIGRATION)
109 110	455.775 455.7875	465.775 465.7875	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
111	455.8	465.8	ADDITIONAL TRANSTEL (MIGRATION)
112	455.8125	465.8125	ADDITIONAL TRANSTEL (MIGRATION)
113 114	455.825 455.8375	465.825 465.8375	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
115	455.85	465.85	ADDITIONAL TRANSTEL (MIGRATION)
116 117	455.8625 455.875	465.8625 465.875	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
118	455.8875	465.8875	ADDITIONAL TRANSTEL (MIGRATION)
119	455.9	465.9	ADDITIONAL TRANSTEL (MIGRATION)
120 121	455.9125 455.925	465.9125 465.925	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
122	455.9375	465.9375	ADDITIONAL TRANSTEL (MIGRATION)
123 124	455.95 455.9625	465.95 465.9625	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
125	455.975	465.975	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
126	455.9875	465.9875	ADDITIONAL TRANSTEL (MIGRATION)
127 128	456 456.0125	466 466.0125	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
129	456.025	466.025	ADDITIONAL TRANSTEL (MIGRATION)
130 131	456.0375 456.05	466.0375 466.05	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
132	456.0625	466.0625	ADDITIONAL TRANSTEL (MIGRATION)
133	456.075	466.075	ADDITIONAL TRANSTEL (MIGRATION)
134 135	456.0875 456.1	466.0875 466.1	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
136	456.1125	466.1125	ADDITIONAL TRANSTEL (MIGRATION)
137 138	456.125 456.1375	466.125 466.1375	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH. No.			
-	BTX	MTX	
CH-PLA	N FOR 454	.425_460/4	64.425_470MHz 2004 (12.5 kHz)
-	-		e
CH-PLA CH. No. 139 140	N FOR 454 BTX 456.15 456.1625	.425_460/4 MTX 466.15 466.1625	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141	N FOR 454 BTX 456.15 456.1625 456.175	.425_460/4 MTX 466.15 466.1625 466.175	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.2	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.2 456.2	425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2 466.2125	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.2	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.2 456.2125 456.2125 456.2375 456.2375	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2 466.2125 466.2125 466.225 466.2375 466.25	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146	N FOR 454 BTX 456.15 456.152 456.175 456.175 456.275 456.2125 456.2125 456.2375	.425_460/4 MTX 466.15 466.125 466.175 466.1875 466.2125 466.2125 466.2125 466.2375 466.25	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 144 145 146 147 148 149 150	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.21 456.225 456.225 456.25 456.25 456.25 456.275 456.2875	.425_460/4 MTX 466.15 466.1625 466.175 466.2175 466.2175 466.225 466.25 466.25 466.2625 466.275 466.2875	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.275 456.2125 456.2375 456.25 456.2625 456.2875 456.2875 456.3	A25 460/4 MTX 466.15 466.1625 466.175 466.175 466.2125 466.2125 466.225 466.25 466.25 466.275 466.275 466.3	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 144 145 146 147 148 149 150 151 151 152	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.2125 456.2125 456.2375 456.25 456.25 456.2625 456.2625 456.3875 456.3125	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2125 466.2125 466.225 466.2625 466.2625 466.325 466.3125 466.325	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 146 147 148 149 150 151 151 152 153	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.2 456.2125 456.2125 456.2375 456.25 456.2625 456.2625 456.2875 456.3125 456.3375	425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2125 466.2125 466.2375 466.2375 466.2625 466.2625 466.275 466.3 466.3125 466.3375	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 151 152	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.2125 456.2125 456.2375 456.25 456.25 456.2625 456.2625 456.3875 456.3125	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2125 466.2125 466.225 466.2625 466.2625 466.325 466.3125 466.325	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 152 153 154 155 156 157	N FOR 454 BTX 456.15 456.1625 456.175 456.275 456.2 456.275 456.225 456.275 456.2625 456.2625 456.275 456.375 456.3375 456.3375 456.3375	.425_460/4 MTX 466.15 466.1625 466.1625 466.1875 466.2125 466.2125 466.2375 466.2375 466.2375 466.275 466.3125 466.3125 466.3375 466.325 466.325 466.325	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 151 152 153 154 155 156	N FOR 454 BTX 456.15 456.1625 456.1625 456.1875 456.2125 456.2125 456.225 456.2375 456.2625 456.2625 456.2625 456.3125 456.3125 456.325 456.3375 456.35	.425_460/4 MTX 466.15 466.1625 466.175 466.2125 466.2125 466.2125 466.2375 466.2625 466.2625 466.325 466.3125 466.325 466.325 466.3625	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 144 145 144 145 146 147 150 151 152 153 154 155 155 155 155 155 158 159 160	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.215 456.225 456.225 456.25 456.2625 456.2675 456.2875 456.3125 456.3125 456.325 456.325 456.35 456.35 456.35 456.375 456.3875 456.4125	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2175 466.2175 466.2125 466.225 466.225 466.2625 466.275 466.3125 466.3125 466.325 466.375 466.375 466.375 466.375 466.4125	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 146 150 151 152 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.2125 456.2125 456.2375 456.25 456.25 456.2625 456.2625 456.3275 456.3125 456.325 456.325 456.325 456.35 456.35 456.35 456.35 456.375 456.375 456.425	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2125 466.2125 466.225 466.225 466.2625 466.3275 466.3125 466.3125 466.325 466.325 466.325 466.35 466.375 466.425	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 144 145 144 145 146 147 150 151 152 153 154 155 155 155 155 156 157 158 159 160	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.215 456.225 456.225 456.25 456.2625 456.2675 456.2875 456.3125 456.3125 456.325 456.325 456.35 456.35 456.35 456.375 456.3875 456.4125	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2175 466.2175 466.2125 466.225 466.225 466.2625 466.275 466.3125 466.3125 466.325 466.375 466.375 466.375 466.375 466.4125	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 146 147 148 149 150 151 151 152 153 155 156 156 156 157 158 159 160 161 162 163 164	N FOR 454 BTX 456.15 456.1625 456.1625 456.175 456.2125 456.2125 456.225 456.2375 456.25 456.2625 456.2675 456.375 456.3125 456.3375 456.3375 456.3625 456.3625 456.3625 456.425 456.425	.425_460/4 MTX 466.15 466.175 466.175 466.175 466.225 466.2125 466.225 466.225 466.2625 466.2625 466.325 466.3125 466.325 466.325 466.325 466.325 466.325 466.325 466.325 466.425 466.425 466.45 466.455 465 465.455	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 146 147 146 146 147 150 151 152 153 154 155 155 156 157 158 157 158 160 161 162 163	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.225 456.225 456.225 456.2625 456.2625 456.2875 456.3125 456.3125 456.3375 456.3375 456.3875 456.3875 456.4125 456.4125	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.215 466.215 466.215 466.225 466.2625 466.2625 466.275 466.375 466.3125 466.325 466.325 466.325 466.375 466.375 466.375 466.4125 466.4125 466.45	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 151 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.1625 456.175 456.1875 456.2125 456.2125 456.2275 456.2275 456.2275 456.2625 456.2627 456.3275 456.3275 456.3375 456.3375 456.3625 456.3875 456.425 456.4375 456.4825 456.4875 456.4875	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2125 466.2125 466.225 466.225 466.225 466.225 466.275 466.325 466.325 466.325 466.325 466.325 466.325 466.455 466.5 466.5 465.5	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 155 155 155 155 155 155 156 157 158 159 160 161 162 163 164 165 166 167 168	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.215 456.215 456.225 456.225 456.225 456.2625 456.2875 456.2875 456.3125 456.3125 456.3125 456.3375 456.3375 456.3375 456.3375 456.425 456.4125 456.4125 456.425 456.455 456.455 456.455	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2175 466.2175 466.2175 466.225 466.2375 466.2625 466.2625 466.2875 466.3125 466.3125 466.3125 466.375 466.375 466.375 466.4125 466.425 466.425 466.475 466.475 466.475 466.475 466.475 466.475 466.5125 466.5125	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.215 456.225 456.225 456.225 456.2675 456.2675 456.2875 456.3125 456.3125 456.325 456.3575 456.3575 456.4125 456.4125 456.4375 456.4375 456.4575 456.4575 456.5575	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2175 466.2175 466.2125 466.225 466.225 466.2625 466.275 466.3125 466.3125 466.375 466.375 466.4125 466.4125 466.425 466.4375 466.45 466.5125 466.5375 466.5375	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.22 456.215 456.225 456.225 456.225 456.2625 456.2625 456.275 456.3125 456.3125 456.325 456.325 456.35 456.35 456.425 456.425 456.425 456.425 456.425 456.45 456.45 456.45 456.5125 456.5125	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.175 466.2125 466.2125 466.225 466.2575 466.2625 466.375 466.375 466.375 466.375 466.375 466.375 466.425 466.45 466.455 466.455 466.515 466.525 466.525 466.55	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIG
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.215 456.225 456.225 456.225 456.2675 456.2675 456.2875 456.3125 456.3125 456.325 456.3575 456.3575 456.4125 456.4125 456.4375 456.4375 456.4575 456.4575 456.5575	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.2175 466.2175 466.2125 466.225 466.225 466.2625 466.275 466.3125 466.3125 466.375 466.375 466.4125 466.4125 466.425 466.4375 466.45 466.5125 466.5375 466.5375	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 150 151 152 155 156 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.1625 456.1625 456.175 456.2125 456.2125 456.2375 456.25 456.2625 456.2625 456.275 456.3125 456.3125 456.3125 456.325 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.5125 456.525 456.555 456.555	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.175 466.2125 466.2125 466.225 466.225 466.2625 466.375 466.375 466.375 466.375 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.5125 466.525 466.525 466.525 466.525 466.5875 4	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 150 150 151 152 153 154 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.1875 456.215 456.225 456.225 456.225 456.225 456.225 456.275 456.2875 456.3125 456.3125 456.325 456.375 456.3575 456.4125 456.4125 456.4125 456.4375 456.4375 456.4575 456.5575 456.5375 456.5575 456.575 456.6	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.275 466.275 466.2125 466.225 466.275 466.275 466.275 466.375 466.375 466.375 466.4125 466.4125 466.425 466.4375 466.4375 466.4375 466.5375 466.66 466.66 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.66 465.5375 466.675 465.575 466.675	64.425_470MHz 2004 (12.5 kHz) REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIG
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 152 153 154 155 156 155 156 155 156 155 156 157 158 159 160 161 162 163 164 163 164 165 166 167 170 177	N FOR 454 BTX 456.15 456.1625 456.1625 456.1625 456.175 456.2125 456.2125 456.2375 456.25 456.2625 456.2625 456.275 456.3125 456.3125 456.3125 456.325 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.5125 456.525 456.555 456.555	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.175 466.2125 466.2125 466.225 466.225 466.2625 466.375 466.375 466.375 466.375 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.5125 466.525 466.525 466.525 466.525 466.5875 4	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.175 456.175 456.27 456.27 456.225 456.225 456.225 456.2625 456.275 456.2875 456.3125 456.3125 456.325 456.375 456.35 456.4125 456.4375 456.4375 456.4375 456.45 456.45 456.5125 456.575 456.575 456.575 456.6575 456.6375	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.275 466.275 466.275 466.2875 466.2875 466.2875 466.3125 466.325 466.375 466.375 466.4125 466.4125 466.425 466.4125 466.425 466.425 466.425 466.425 466.425 466.5125 466.525 466.525 466.525 466.575 466.575 466.675 466.675 466.6375	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 148 149 150 151 152 153 154 155 156 155 156 155 156 155 156 157 158 159 160 161 162 163 164 163 164 165 166 167 170 177	N FOR 454 BTX 456.15 456.1625 456.1625 456.1625 456.175 456.2125 456.2125 456.225 456.2375 456.2625 456.2625 456.3275 456.3125 456.3125 456.325 456.325 456.325 456.325 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.525 456.525 456.525 456.525 456.625 456.625	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.175 466.175 466.2125 466.2125 466.225 466.225 466.275 466.325 466.325 466.325 466.325 466.325 466.375 466.425 466.4125 466.4125 466.475 466.5125 466.5125 466.575 466.575 466.575 466.6125 466.6125	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 156 157 156 157 158 157 158 157 158 157 158 160 161 162 163 164 165 166 167 170 171 171 172 175 176 176 177 178 179 180 181	N FOR 454 BTX 456.15 456.1625 456.1625 456.175 456.1875 456.225 456.225 456.225 456.2625 456.2625 456.2875 456.3125 456.3125 456.3125 456.3375 456.3625 456.375 456.4125 456.4125 456.425 456.45 456.45 456.45 456.5125 456.5125 456.575 456.575 456.625 456.675	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.215 466.215 466.225 466.2625 466.2625 466.2875 466.375 466.3125 466.325 466.325 466.325 466.325 466.325 466.375 466.4125 466.4125 466.4125 466.4125 466.5125 466.5125 466.525 466.575 466.575 466.66 466.6125 466.6375	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 146 147 150 151 152 153 154 155 155 155 155 155 155 155 155 155	N FOR 454 BTX 456.15 456.1625 456.1625 456.1625 456.175 456.2125 456.225 456.225 456.225 456.2625 456.2625 456.3275 456.3275 456.3275 456.325 456.325 456.325 456.325 456.325 456.425 456.425 456.425 456.425 456.425 456.425 456.425 456.5125 456.525 456.525 456.525 456.525 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.625 456.655	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.175 466.2125 466.2125 466.225 466.225 466.2625 466.375 466.3125 466.3125 466.325 466.325 466.325 466.375 466.425 466.425 466.425 466.425 466.425 466.5125 466.525 466.525 466.525 466.525 466.6575 466.6125 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.625 466.675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 146 147 148 149 150 151 152 153 154 155 156 157 156 157 158 157 158 157 158 157 158 160 161 162 163 164 165 166 167 170 171 171 172 175 176 176 177 178 179 180 181	N FOR 454 BTX 456.15 456.1625 456.1625 456.175 456.1875 456.225 456.225 456.225 456.2625 456.2625 456.2875 456.3125 456.3125 456.3125 456.3375 456.3625 456.375 456.4125 456.4125 456.425 456.45 456.45 456.45 456.5125 456.5125 456.575 456.575 456.625 456.675	.425_460/4 MTX 466.15 466.1625 466.175 466.175 466.215 466.215 466.225 466.2625 466.2625 466.2875 466.375 466.375 466.375 466.375 466.4125 466.4125 466.4125 466.4125 466.5125 466.5125 466.5125 466.575 466.575 466.6615 466.6125 466.6375 46	64.425_470MHz 2004 (12.5 kHz)         REMARKS         ADDITIONAL TRANSTEL (MIGRATION)

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 168/198

			64.425_470MHz 2004 (12.5 kHz)
CH. No. 186	BTX 456.7375	MTX 466.7375	REMARKS TRUNKED MOBILE
187	456.75	466.75	TRUNKED MOBILE
188 189	456.7625 456.775	466.7625 466.775	TRUNKED MOBILE
190	456.7875	466.7875	TRUNKED MOBILE
191	456.8	466.8	TRUNKED MOBILE
192 193	456.8125 456.825	466.8125 466.825	TRUNKED MOBILE
194	456.8375	466.8375	TRUNKED MOBILE
195 196	456.85 456.8625	466.85 466.8625	TRUNKED MOBILE TRUNKED MOBILE
197	456.875	466.875	TRUNKED MOBILE
198	456.8875	466.8875	TRUNKED MOBILE
199 200	456.9 456.9125	466.9 466.9125	TRUNKED MOBILE
201	456.925	466.925	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
202 203	456.9375 456.95	466.9375 466.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
203	456.9625	466.9625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
205	456.975	466.975	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
206 207	456.9875 457	466.9875 467	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
208	457.0125	467.0125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
209 210	457.025 457.0375	467.025 467.0375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
210	457.05	467.05	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
212	457.0625	467.0625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
213 214	457.075 457.0875	467.075 467.0875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
215	457.1	467.1	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
216	457.1125	467.1125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
217 218	457.125 457.1375	467.125 467.1375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
219	457.15	467.15	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
220 221	457.1625 457.175	467.1625 467.175	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
221	457.1875	467.1875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
223	457.2	467.2	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
224 225	457.2125 457.225	467.2125 467.225	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
226	457.2375	467.2375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
227	457.25	467.25	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
	457.2625	467.2625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
228 229	457.275	467.275	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230	457.275 457.2875	467.275 467.2875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No.	457.2875 457.3 457.3125 BTX	467.2875 467.3 467.3125 MTX	
229 230 231 232 CH. No. CH-PLA CH. No.	457.2875 457.3 457.3125 BTX N FOR 454 BTX	467.2875 467.3 467.3125 MTX .425_460/4 MTX	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS
229 230 231 232 CH. No. CH-PLA CH. No. 233 234	457.2875 457.3 457.3125 BTX N FOR 454 BTX 457.325 457.3375	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 235	457.2875 457.3 457.3125 BTX N FOR 454 BTX 457.325 457.3375 457.35	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. <b>CH-PLA</b> CH. No. 233 234 235 236 237	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.325 457.3375 457.3625 457.375	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.35 467.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 235 236 237 238	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3375 457.35 457.3625 457.375	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.325 467.35 467.35 467.35	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. <b>CH-PLA</b> CH. No. 233 234 235 236 237	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.325 457.3375 457.3625 457.375	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.35 467.35 467.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 235 236 237 238 239 240 241	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.35 457.35 457.3625 457.375 457.3875 457.425	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.325 467.325 467.35 467.35 467.3875 467.3875 467.4125 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH-PLA CH-No. 233 234 235 236 237 238 238 239 240 241 242	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.3375 457.3375 457.3625 457.375 457.375 457.375 457.375	467.2875 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.425 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 236 237 238 239 240 241 242 243 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3375 457.3375 457.3875 457.3875 457.3875 457.425 457.425 457.4375 457.425	467.2875 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.425 467.4125 467.425 467.4375 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 233 234 235 236 237 238 239 240 241 242 243 244 245	457.2875 457.3125 BTX NFOR 454 457.325 457.325 457.325 457.3375 457.3625 457.375 457.475 457.425 457.425 457.4375 457.4375 457.425 457.476	467.2875 467.3125 MTX 467.3125 467.3125 467.325 467.325 467.325 467.325 467.325 467.325 467.325 467.325 467.425 467.4125 467.425 467.425 467.425 467.425 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 236 237 238 239 240 241 242 243 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3375 457.3375 457.3875 457.3875 457.3875 457.425 457.425 457.4375 457.425	467.2875 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.425 467.4125 467.425 467.4375 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.325 457.325 457.325 457.375 457.375 457.375 457.425 457.4125 457.425 457.425 457.4375 457.475 457.475 457.475 457.5125	467.2875 467.3125 MTX 467.3125 467.3125 467.325 467.325 467.325 467.325 467.325 467.325 467.325 467.375 467.425 467.4125 467.425 467.425 467.425 467.4375 467.4375 467.4375 467.4375 467.4375 467.5125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH-No. 233 234 235 236 237 238 236 237 238 239 240 241 242 243 244 245 246 247	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.3375 457.3825 457.3875 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.475 457.4875 457.525	467.2875 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.425 467.4125 467.425 467.425 467.425 467.425 467.425 467.525	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. 233 234 235 236 237 238 239 240 241 242 243 244 243 244 244 245 246 247 248 249 250 251	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.325 457.3625 457.3875 457.3875 457.3875 457.3875 457.4125 457.425 457.425 457.425 457.425 457.425 457.425 457.457 457.455 457.5125	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.3125 467.327 467.327 467.327 467.327 467.375 467.375 467.375 467.4125 467.4125 467.425 467.425 467.425 467.425 467.455 467.5125 467.5125 467.5125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 KHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH. No. 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3375 457.3375 457.3625 457.375 457.425 457.475 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.3875 467.4125 467.4125 467.4125 467.425 467.425 467.4375 467.425 467.4875 467.525 467.525 467.525	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. 233 234 235 236 237 238 239 240 241 242 243 244 243 244 244 245 246 247 248 249 250 251	457.2875 457.3125 BTX NFOR 454 8TX 457.325 457.325 457.3625 457.3875 457.3875 457.3875 457.3875 457.4125 457.425 457.425 457.425 457.425 457.425 457.425 457.457 457.455 457.5125	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.327 467.327 467.327 467.327 467.3875 467.3875 467.3875 467.3875 467.4125 467.4125 467.425 467.425 467.425 467.4375 467.455 467.5125 467.5125 467.5125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH-No. 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3625 457.3625 457.3625 457.475 457.475 457.4375 457.4375 457.4375 457.4375 457.4375 457.4375 457.457 457.525 457.525 457.5375 457.5625 457.5875 457.6875	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.325 467.3375 467.3875 467.3875 467.4375 467.4125 467.4125 467.4125 467.4375 467.425 467.4375 467.5125 467.5125 467.525 467.5375 467.5375 467.5875 467.5875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA 233 234 235 236 237 238 239 240 241 242 243 244 244 243 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.325 457.3375 457.3825 457.3875 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.525	467.2875 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.3875 467.4125 467.4125 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
229 230 231 232 CH. No. CH-PLA CH-No. 233 234 235 236 237 238 239 240 241 242 243 244 244 245 246 247 248 249 250 255 256 257 258	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3375 457.3625 457.3625 457.375 457.45 457.425 457.425 457.425 457.425 457.425 457.425 457.4375 457.457 457.5375 457.525 457.5375 457.5375 457.625 457.625 457.6375	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.325 467.325 467.325 467.325 467.327 467.4375 467.4125 467.4125 467.4125 467.425 467.4375 467.4375 467.425 467.5125 467.5125 467.5125 467.525 467.5375 467.525 467.525 467.625 467.625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.325 457.3375 457.3825 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.525 457.525 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.325 467.3375 467.3875 467.3875 467.3875 467.3875 467.425 467.425 467.425 467.425 467.425 467.425 467.5125 467.5125 467.525 467.525 467.525 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.5125 467.6125 467.6125 467.6125 467.6125 467.6125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
229 230 231 232 CH. No. CH-PLA 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 255 255 256 256 257 258 259 260 261	457.2875 457.3125 BTX NFOR 454 457.325 457.325 457.325 457.325 457.327 457.3625 457.375 457.425 457.425 457.425 457.425 457.425 457.425 457.475 457.475 457.575 457.575 457.575 457.575 457.575 457.575 457.576 457.675	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.325 467.325 467.325 467.3375 467.325 467.375 467.4125 467.4125 467.4125 467.425 467.425 467.425 467.425 467.4375 467.425 467.5125 467.525 467.525 467.525 467.525 467.575 467.6125 467.6125 467.6375 467.655	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 235 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.3375 457.3625 457.375 457.3875 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625 457.625	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.3875 467.4125 467.4125 467.4125 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
229 230 231 232 CH. No. CH-PLA 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.3625 457.3625 457.375 457.3625 457.475 457.425 457.425 457.4375 457.4375 457.4375 457.4375 457.4375 457.457 457.525 457.525 457.525 457.5375 457.625 457.625 457.625 457.625 457.6825 457.6875 457.6875 457.6875	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.325 467.3375 467.325 467.3875 467.4375 467.4125 467.4125 467.4125 467.425 467.4375 467.425 467.4375 467.525 467.5125 467.525 467.525 467.5375 467.5575 467.5875 467.625 467.625 467.6375 467.6375 467.6375 467.6875 467.6875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.3375 457.3875 457.3875 457.3875 457.475 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.6375 457.625 457.6625 457.6875 457.6875 457.6875 457.725	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.425 467.4125 467.4125 467.425 467.425 467.425 467.425 467.425 467.4375 467.425 467.425 467.5125 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 231 232 CH. No. 233 234 235 236 237 238 239 230 240 241 242 243 244 243 244 243 244 244 245 246 247 248 249 255 256 255 255 256 255 256 255 256 255 256 255 256 256	457.2875 457.3125 BTX NFOR 454 457.325 457.325 457.325 457.325 457.325 457.325 457.325 457.325 457.375 457.475 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.525 457.625 457.7375	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.325 467.325 467.375 467.375 467.375 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.4375 467.425 467.525 467.5125 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.6375 467.625 467.625 467.6375 467.7375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.3375 457.3875 457.3875 457.3875 457.475 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.6375 457.625 457.6625 457.6875 457.6875 457.6875 457.725	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.425 467.4125 467.4125 467.425 467.425 467.4375 467.425 467.425 467.4375 467.425 467.425 467.5125 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 235 236 237 238 239 240 241 242 243 244 243 244 243 244 243 244 245 246 247 248 249 250 251 255 255 255 255 255 255 255	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.325 457.325 457.325 457.375 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.625 457.725 457.725 457.725	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.3875 467.425 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.725 467.725 467.725 467.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.3375 457.3375 457.3875 457.3875 457.3875 457.3875 457.4725 457.4725 457.4725 457.4725 457.4725 457.4725 457.4725 457.4725 457.4725 457.475 457.475 457.575 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.725 457.725 457.725 457.725	467.2875 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.425 467.4125 467.4125 467.425 467.425 467.4375 467.425 467.4375 467.425 467.4375 467.525 467.525 467.555 467.575 467.625 467.6125 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.725 467.725 467.725 467.725 467.725 467.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 231 232 232 232 234 235 236 237 238 239 240 241 242 243 244 243 244 243 244 244 243 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.325 457.325 457.325 457.375 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.625 457.725 457.725 457.725	467.2875 467.3 467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.3875 467.3875 467.3875 467.3875 467.425 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.725 467.725 467.725 467.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 232 CH. No. CH-PLA 233 234 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX AN FOR 454 BTX 457.325 457.325 457.325 457.3375 457.3875 457.3875 457.3875 457.4875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.725 457.725 457.725 457.725 457.725 457.725 457.725 457.725 457.725 457.725 457.725	467.2875 467.3 467.3125 MTX 467.3125 467.3125 467.325 467.3375 467.3375 467.3375 467.3875 467.3875 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477.725 477	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS
229 230 231 231 232 232 232 234 235 236 237 238 239 240 241 242 243 244 245 244 245 244 246 247 248 248 249 250 251 255 255 255 255 255 255 255 255 255	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.325 457.325 457.325 457.325 457.3875 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.525 457.525 457.525 457.525 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.725 457.725 457.725 457.725 457.725 457.725 457.725 457.7875 457.7875	467.2875 467.3 467.3125 MTX 467.3125 467.3125 467.325 467.325 467.325 467.3375 467.3875 467.3875 467.3875 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.75 467.725 467.75 467.725 467.725 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.75 467.8375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 231 232 232 232 234 235 236 237 238 239 240 241 242 243 244 244 243 244 244 243 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.3375 457.3375 457.3625 457.3625 457.3625 457.475 457.475 457.425 457.4375 457.4375 457.425 457.4375 457.4375 457.4375 457.457 457.525 457.525 457.525 457.525 457.5375 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.725 457.825	467.2875 467.3 467.3125 MTX 467.3125 467.3125 467.3125 467.325 467.3375 467.325 467.3375 467.325 467.3875 467.4375 467.4125 467.4125 467.425 467.4375 467.425 467.4375 467.45 467.4375 467.525 467.5375 467.525 467.5375 467.5375 467.625 467.6125 467.6125 467.6125 467.6375 467.625 467.6375 467.625 467.7725 467.775 467.775 467.775 467.7875 467.7875 467.7875 467.7875 467.7875 467.7875 467.7875 467.825 467.825 467.8375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V
229 230 231 231 232 CH. No. CH-PLA 233 234 233 234 235 237 238 239 240 241 242 243 244 244 244 244 244 244	457.2875 457.3125 BTX NFOR 454 BTX 457.325 457.3375 457.3375 457.3375 457.3825 457.375 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.425 457.525 457.525 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.625 457.75 457.75 457.75 457.75 457.75 457.775 457.775 457.775 457.775 457.775	467.2875 467.3 467.3125 MTX 467.3125 467.3125 467.3125 467.3375 467.3375 467.3375 467.3375 467.3875 467.425 467.4125 467.4125 467.425 467.425 467.425 467.425 467.425 467.425 467.425 467.525 467.525 467.525 467.525 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.625 467.725 467.875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE V

No. 41854 **475** 

Page 169/198

			64.425_470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
280 281	457.9125 457.925	467.9125 467.925	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
282	457.9375	467.9375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
283	457.95	467.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
284	457.9625	467.9625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
285	457.975	467.975	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
286 287	457.9875 458	467.9875 468	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
288	458.0125	468.0125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
289	458.025	468.025	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
290	458.0375	468.0375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
291	458.05	468.05	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
292 293	458.0625 458.075	468.0625 468.075	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
293	458.075	468.075	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
295	458.1	468.1	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
296	458.1125	468.1125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
297	458.125	468.125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
298	458.1375	468.1375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
299 300	458.15 458.1625	468.15 468.1625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
300	458.1025	468.175	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
302	458.1875	468.1875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
303	458.2	468.2	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
304	458.2125	468.2125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
305	458.225	468.225	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
306	458.2375	468.2375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
307 308	458.25 458.2625	468.25 468.2625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
308	458.275	468.275	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
310	458.2875	468.2875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
311	458.3	468.3	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
312	458.3125	468.3125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
313	458.325	468.325	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
314 315	458.3375 458.35	468.3375 468.35	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
315	458.3625	468.3625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
317	458.375	468.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
318	458.3875	468.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
319	458.4	468.4	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
320	458.4125	468.4125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
321 322	458.425 458.4375	468.425 468.4375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
323	458.45	468.45	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
324	458.4625	468.4625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
325	458.475	468.475	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No.	BTX	MTX	REMARKS
CH. №. CH-PLA	BTX N FOR 454	MTX .425_460/4	REMARKS 64.425_470MHz 2004 (12.5 kHz)
CH. No. CH-PLA CH. No.	BTX N FOR 454 BTX	мтх .425_460/4 мтх	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS
CH. No. CH-PLA CH. No. 326	BTX N FOR 454 BTX 458.4875	MTX .425_460/4 MTX 468.4875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327	BTX N FOR 454 BTX 458.4875 458.5	MTX .425_460/4 MTX 468.4875 468.5	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326	BTX N FOR 454 BTX 458.4875	MTX .425_460/4 MTX 468.4875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330	BTX AN FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.525 458.5375	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.5375	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331	BTX NFOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.55	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.5375 468.5375	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.555 458.5625	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.5375 468.55 468.565	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333	BTX N FOR 454 458.4875 458.5125 458.5125 458.5375 458.5375 458.5375 458.5625 458.575	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5625 468.5625 468.575	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.555 458.5625	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.5375 468.55 468.565	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334	BTX BTX 458.4875 458.5125 458.5125 458.525 458.5375 458.555 458.5625 458.5625 458.5675	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.525 468.55 468.55 468.575	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337	BTX N FOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.525 458.525 458.5625 458.5625 458.5875 458.6125 458.6125	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.5875 468.675 468.675 468.675 468.625	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.5375 458.5375 458.5375 458.5375 458.5375 458.625 458.6125 458.6375	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5625 468.5625 468.625 468.6125 468.625 468.6375	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.5375 458.5575 458.5575 458.575 458.6125 458.6125 458.6375 458.65	MTX 425_460/4 MTX 468.4875 468.5125 468.5125 468.5375 468.5375 468.557 468.557 468.557 468.557 468.675 468.6125 468.6125 468.6375 468.65	REMARKS IG4.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.5375 458.5375 458.5375 458.5375 458.5375 458.625 458.6125 458.6375	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5625 468.5625 468.625 468.6125 468.625 468.6375	REMARKS IG4.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 336 337 338 339 339 340 341	BTX N FOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.555 458.5625 458.625 458.625 458.625 458.625 458.625 458.655 458.6625 458.6675	MTX .425 460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.5625 468.575 468.6575 468.625 468.625 468.625 468.675 468.675 468.6875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 326 327 328 329 331 332 333 333 334 335 335 336 337 338 338 339 340	BTX NFOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.675 458.66 458.6125 458.6375 458.625 458.625 458.6625 458.6825 458.6825 458.6825 458.6825 458.7	MTX .425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.525 468.5375 468.5875 468.6875 468.6125 468.6375 468.6375 468.6375 468.625 468.6375 468.6875 468.6875 468.77 468.7	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH-No. 326 327 328 329 331 332 333 334 335 336 337 338 338 339 340 341 342 344	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.5375 458.5375 458.5375 458.5375 458.5375 458.625 458.6125 458.6125 458.6375 458.6625 458.6625 458.6675 458.675 458.675	MTX -425_460/4 MTX 468.4875 468.5125 468.525 468.5375 468.5375 468.5625 468.575 468.5875 468.625 468.6125 468.625 468.625 468.675 468.675 468.675 468.675	REMARKS IG4.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 327 328 329 330 331 332 333 334 335 336 336 337 338 339 340 341 341 342 343 342 343	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.6625 458.6125 458.625 458.625 458.6625 458.6625 458.6625 458.675 458.7125	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5375 468.5625 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.775 468.725	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH-No. 326 327 328 329 331 332 333 334 335 336 337 338 338 338 339 340 341 342 344	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.5375 458.5375 458.5375 458.5375 458.5375 458.625 458.6125 458.6125 458.6375 458.6625 458.6625 458.6675 458.675 458.675	MTX -425_460/4 MTX 468.4875 468.5125 468.525 468.5375 468.5375 468.5625 468.575 468.5875 468.625 468.6125 468.625 468.625 468.675 468.675 468.675 468.675	REMARKS IG4.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 330 331 333 334 335 336 337 338 336 337 338 338 339 340 341 341 342 343 345 345 346 347 348	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.526 458.5375 458.5625 458.5625 458.625 458.6125 458.6125 458.625 458.6375 458.625 458.6375 458.625 458.6625 458.6625 458.6675 458.7375	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5375 468.5625 468.625 468.6125 468.6125 468.625 468.625 468.625 468.625 468.625 468.675 468.7725 468.7375	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH-No. 326 327 328 329 331 332 333 333 333 333 334 333 335 335 335 336 337 338 339 340 341 342 343 344 344 343 344 344 346 347 349	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.5375 458.5375 458.5625 458.625 458.625 458.625 458.625 458.625 458.625 458.6375 458.675 458.675 458.7725 458.775 458.775	MTX 425_460/4 MTX 488.4875 468.5125 468.525 468.525 468.5375 468.5375 468.5625 468.625 468.625 468.625 468.625 468.625 468.675 468.675 468.675 468.7125 468.725 468.737 468.75 468.725 468.725 468.725 468.775	REMARKS 464.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 334 335 336 337 338 339 340 341 342 343 342 343 342 343 345 346 347 348 346 350	BTX NFOR 454 BTX 458.4875 458.5125 458.525 458.525 458.5625 458.5625 458.5625 458.5625 458.5875 458.6625 458.6625 458.6625 458.6625 458.6625 458.675 458.775 458.725 458.725	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.5625 468.575 468.5625 468.625 468.625 468.625 468.625 468.625 468.625 468.7375 468.725 468.725 468.75 468.775 468.775	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 330 331 332 333 333 334 335 336 337 338 338 339 340 341 342 343 344 344 345 346 347 348 349 350 351	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.6125 458.6375 458.625 458.6375 458.6375 458.6375 458.6375 458.7125 458.7375 458.775 458.775 458.775 458.7875	MTX 425_460/4 MTX 488.4875 488.5125 468.5125 468.525 468.525 468.525 468.5875 468.5875 468.625 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.725 468.725 468.75 46	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 344 345 344 345 346 347 348 349 349 350 351 352	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.75 458.75 458.75 458.775 458.775 458.775 458.775 458.7875 458.7875 458.88	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.525 468.5625 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.675 468.725 468.725 468.725 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.7875 468.7875 468.8125	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 330 331 332 333 333 334 335 336 337 338 338 339 340 341 342 343 344 344 345 346 347 348 349 350 351	BTX NFOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.6125 458.6375 458.625 458.6375 458.6375 458.6375 458.6375 458.7125 458.7375 458.775 458.775 458.775 458.7875	MTX 425_460/4 MTX 488.4875 488.5125 468.5125 468.525 468.525 468.525 468.5875 468.5875 468.625 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.725 468.725 468.75 46	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 339 339 339 339 339 339 339	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.5625 458.6625 458.6625 458.6625 458.6625 458.6625 458.775 458.775 458.725 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.8125 458.8375 458.8375 458.8375 458.8375 458.8375 458.8375 458.8375 458.8375 458.85 8588.85 8588.85 8588 858.85 8588.85 8588.85 8588	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.525 468.575 468.5625 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.7375 468.7125 468.725 468.775 468.775 468.7875 468.875 468.825 468.85	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 330 331 333 333 333 333 333 333 333 333	BTX NFOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.6625 458.6125 458.6375 458.625 458.6375 458.625 458.6375 458.6875 458.6875 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.7875 458.8875 458.8125 458.8375 458.8375 458.8375 458.8375 458.8375 458.8375 458.8375	MTX 425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.525 468.5375 468.5875 468.5875 468.6875 468.6375 468.6375 468.6375 468.625 468.6375 468.725 468.7375 468.735 468.75 468.875 468.825 468.825 468.825 468.857 468.75 468.875 468.875 468.825 468.825 468.8	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 342 343 344 344 345 344 345 344 347 348 349 349 350 351 352 355 355 355	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.725 458.725 458.725 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.8125 458.8125 458.825 458.825 458.825	MTX .425 460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.875 468.875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 330 331 333 333 334 335 336 337 338 339 340 341 341 341 342 343 344 345 346 347 348 346 347 348 349 347 348 347 355 355 355 355 356 357 358	BTX NFOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.6625 458.675 458.6625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.7875 458.875 458.875 458.875 458.8875 458.8875 458.825 458.825 458.825	MTX 425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5375 468.5375 468.5625 468.675 468.6125 468.625 468.625 468.6625 468.6675 468.7125 468.7125 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 342 343 344 344 345 344 345 344 347 348 349 349 350 351 352 355 355 355	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.725 458.725 458.725 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.8125 458.8125 458.825 458.825 458.825	MTX .425 460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.875 468.875	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH-PLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 336 337 338 337 338 339 340 341 342 343 344 344 344 345 346 347 348 344 344 345 346 347 348 349 351 355 356 355 356 357 356 357 356 357 356	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.5875 458.6625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.775 458.775 458.725 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.8125 458.825 458.825 458.825 458.8575 458.875 458.975 458.875 45	MTX .425 460/4 MTX 468.4575 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.575 468.6575 468.625 468.625 468.625 468.625 468.675 468.675 468.725 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.975	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 339 339 339 339 339 340 341 342 343 342 343 342 343 342 343 342 343 342 343 345 356 356 355 355 356 357 358 357 358 360	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.525 458.525 458.5625 458.5625 458.625 458.625 458.6125 458.6125 458.625 458.625 458.625 458.625 458.625 458.625 458.675 458.7125 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.825 458.8375 458.8375 458.8575 458.8755 458.8575 458.8575 458.8575 458.8575 458.8575 458.8755 458	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.525 468.575 468.575 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.7375 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.7875 468.875 468.825 468.85	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 341 342 343 344 344 345 346 347 348 349 340 341 341 342 343 345 366 367 367 368 369 365 366 355 366 355 366 355 366 355 366 355 366 357 366 367 367 367 367 368 367 367 367 367 368 367 367 367 367 368 367 367 367 367 368 367 367 367 367 367 367 367 367	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.6625 458.6625 458.6625 458.6625 458.6625 458.6625 458.6625 458.6625 458.675 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.825 458.825 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.857 458.875 458.875 458.857 458.857 458.9125 458.9375 458.9575 4575 4575 4575 4575 4575 4575 4575	MTX 425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.5375 468.5375 468.5375 468.5375 468.5625 468.625 468.625 468.625 468.625 468.625 468.625 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.875 468.825 468.825 468.825 468.825 468.825 468.925 46	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 336 337 338 339 340 341 342 343 344 344 344 344 344 344 344 344	BTX N FOR 454 BTX 458.4875 458.5125 458.5125 458.525 458.525 458.525 458.5625 458.625 458.625 458.6125 458.6125 458.625 458.625 458.625 458.625 458.625 458.625 458.675 458.7125 458.7125 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.825 458.8375 458.8375 458.8455 4	MTX .425 460/4 MTX 468.4575 468.5125 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.625 468.625 468.625 468.625 468.675 468.675 468.675 468.725 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.925 468.9125 468.925 468.9625	REMARKS 64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS &
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 339 339 339 339 339 339 339	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.6625 458.6625 458.6625 458.6625 458.6625 458.6625 458.675 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.875 458.825 458.825 458.825 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.975 458.925 458.975	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.525 468.575 468.575 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.7875 468.7875 468.875 468.825 468.925 468.925 468.95 468	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CHNo. 326 327 328 330 331 333 334 335 336 337 338 338 339 337 338 339 334 334 334 345 340 341 342 343 344 345 346 347 348 349 345 345 346 345 345 356 355 356 355 356 355 356 355 356 357 358 359 360 361 363 364 365 366	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.675 458.66 458.66 458.6625 458.6875 458.6875 458.6825 458.6875 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.75 458.875 458.875 458.825 458.925 458.925 458.925 458.925 458.925 458.925 458.975	MTX 425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.525 468.5375 468.5375 468.6525 468.675 468.675 468.625 468.625 468.625 468.625 468.675 468.725 468.725 468.725 468.725 468.725 468.725 468.725 468.75 468.75 468.725 468.75 468.75 468.75 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.925 468.975	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 339 339 339 339 339 339 339	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.6625 458.6625 458.6625 458.6625 458.6625 458.6625 458.675 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.875 458.825 458.825 458.825 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.975 458.925 458.975	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.575 468.575 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.7875 468.875 468.875 468.825 468.825 468.825 468.825 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.9	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CHPLA CH. No. 326 327 328 329 330 331 332 333 334 335 336 336 337 338 339 340 341 342 343 344 345 344 344 345 344 344 345 344 344	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.525 458.5375 458.525 458.525 458.5625 458.5875 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.6375 458.675 458.725 458.725 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.875 458.875 458.825 458.825 458.825 458.825 458.925 458.975 458.975 459	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.525 468.525 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.675 468.675 468.675 468.7125 468.725 468.7375 468.7375 468.7375 468.7375 468.7375 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.9375 468.925 468.975 468.975 468.975 468.975 469.975 4	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH.PLA CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 339 339 339 339 339 339 339 339	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.5625 458.6625 458.6625 458.675 458.6625 458.675 458.675 458.675 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.875 458.875 458.8875 458.8975 458.925 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 459.0125 459.0375 159.037	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.557 468.557 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.875 468.875 468.825 468.92	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH.PLA CH. No. 326 327 328 330 331 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 343 344 345 346 347 348 349 343 345 346 345 355 356 355 355 356 355 356 355 356 355 356 355 356 357 366 366 366 366 366 366 366 366 367 371	BTX N FOR 454 BTX 458.4875 458.5 458.5125 458.525 458.5375 458.525 458.5375 458.5625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.725 458.825 458.925 458.925 458.975 459.025 459.025 459.05	MTX 425_460/4 MTX 468.4875 468.5125 468.5125 468.525 468.5375 468.5375 468.5375 468.6525 468.675 468.6125 468.625 468.625 468.625 468.625 468.625 468.675 468.7125 468.725 468.725 468.775 468.725 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.975 468.975 468.975 468.975 468.975 469.025 469.025 469.025 469.05	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS
CH. No. CH. No. 326 327 328 329 330 331 332 333 333 334 335 336 337 338 339 340 341 342 343 344 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 355 356 357 358 357 358 355 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 357 358 356 366 367 367 368 369 370	BTX N FOR 454 BTX 458.4875 458.5125 458.525 458.5375 458.5625 458.5625 458.5625 458.5625 458.6625 458.6625 458.675 458.6625 458.675 458.675 458.675 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.775 458.7875 458.875 458.875 458.8875 458.8975 458.925 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 458.975 459.0125 459.0375 159.037	MTX .425_460/4 MTX 468.4875 468.5125 468.525 468.525 468.557 468.557 468.575 468.575 468.625 468.625 468.625 468.625 468.625 468.625 468.625 468.675 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.775 468.875 468.875 468.875 468.825 468.92	REMARKS 164.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 170/198

CH-PLA	N FOR 454	.425 460/40	64.425 470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
375	459.1	469.1	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
376	459.1125	469.1125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
377 378	459.125 459.1375	469.125 469.1375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
379	459.15	469.15	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
380	459.1625	469.1625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
381	459.175	469.175	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
382	459.1875	469.1875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
383	459.2	469.2	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
384 385	459.2125 459.225	469.2125 469.225	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
386	459.2375	469.2375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
387	459.25	469.25	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
388	459.2625	469.2625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
389	459.275	469.275	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
390	459.2875	469.2875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
391 392	459.3 459.3125	469.3 469.3125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
393	459.325	469.325	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
394	459.3375	469.3375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
395	459.35	469.35	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
396	459.3625	469.3625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
397	459.375	469.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
398	459.3875 459.4	469.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
399 400	459.4 459.4125	469.4 469.4125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
401	459.425	469.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
402	459.4375	469.4375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
403	459.45	469.45	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
404	459.4625	469.4625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
405	459.475	469.475	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
406	459.4875	469.4875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
407 408	459.5 459.5125	469.5 469.5125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
409	459.525	469.525	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
410	459.5375	469.5375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
411	459.55	469.55	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
412	459.5625	469.5625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
413	459.575	469.575	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
414 415	459.5875 459.6	469.5875 469.6	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
416	459.6125	469.6125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
417	459.625	469.625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
418	459.6375	469.6375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
419	459.65	469.65	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
420	459.6625	469.6625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
421	459.675	469.675	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
422 CH. No.	459.6875 BTX	469.6875 MTX	VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS
			64.425 470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
011.110.	BIX	MIX	
423	459.7	469.7	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
424	459.7125	469.7125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
425	459.725	469.725	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
426	459.7375	469.7375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
427 428	459.75 459.7625	469.75 469.7625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
420	459.775	469.775	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
430	459.7875	469.7875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
431	459.8	469.8	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
432	459.8125	469.8125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
433	459.825	469.825	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
434	459.8375	469.8375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
435 436	459.85 459.8625	469.85 469.8625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
430	459.875	469.875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
438	459.8875	469.8875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
439	459.9	469.9	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
440	459.9125	469.9125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
441	459.925	469.925	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
442	459.9375	469.9375 469.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
443 444	459.95 459.9625	469.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
445	459.9025	469.975	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
446	459.9875	469.9875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE

No. 41854 477

Page 171/198

CH. No.	SF	REMARKS S/G	
1	454	SEE DATABASE	
2	454.0125	SEE DATABASE	
3	454.025	SEE DATABASE	
4	454.0375	SEE DATABASE	
5	454.05	SEE DATABASE	
6	454.0625	SEE DATABASE	
7	454.075	SEE DATABASE	
8	454.0875	SEE DATABASE	
9	454.1	SEE DATABASE	
10	454.1125	SEE DATABASE	
10	454.125	SEE DATABASE	
12	454.1375	SEE DATABASE	
13	454.15	SEE DATABASE	
13	454.1625	SEE DATABASE	
15	454.175	SEE DATABASE	
16	454.175	SEE DATABASE	
17			
	454.2	SEE DATABASE	
18	454.2125	SEE DATABASE	
19	454.225	SEE DATABASE	
20	454.2375	SEE DATABASE	
21	454.25	SEE DATABASE	
22	454.2625	SEE DATABASE	
23	454.275	SEE DATABASE	
24	454.2875	SEE DATABASE	
25	454.3	SEE DATABASE	
26	454.3125	SEE DATABASE	
27	454.325	SEE DATABASE	
28	454.3375	SEE DATABASE	
29	454.35	SEE DATABASE	
30	454.3625	SEE DATABASE	
31	454.375	SEE DATABASE	
32	454.3875	SEE DATABASE	
33	454.4	SEE DATABASE	
		SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz)	
	L PLAN FOR	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G	
HANNE CH. No. 1	L PLAN FOR SF 464	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE S/G	
HANNE CH. No. 1 2	L PLAN FOR SF 464 464.0125	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE SEE DATABASE SEE DATABASE	
HANNE CH. No. 1 2 3	L PLAN FOR SF 464 464.0125 464.025	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
HANNE CH. No. 1 2 3 4	L PLAN FOR SF 464 464.0125 464.025 464.0375	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
HANNE CH. No. 1 2 3 4 5	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.05	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.05 464.05 464.0625	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.05 464.0625 464.0625 464.075	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 8	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.0625 464.075 464.0875	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE 1 2 3 4 5 6 7 8 9	L PLAN FOR SF 464 464.0125 464.025 464.025 464.055 464.0625 464.075 464.075 464.0875 464.1	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE 1 2 3 4 5 6 7 8 9 10	L PLAN FOR SF 464.0125 464.025 464.025 464.0375 464.05 464.075 464.075 464.075 464.1 464.1125	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 8 9 9 10 11	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0625 464.0625 464.0875 464.0875 464.1125 464.1125 464.125	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 8 9 10 11 11 12	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.0675 464.075 464.0875 464.125 464.125 464.1375	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 11 12 13	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.05 464.075 464.075 464.075 464.125 464.125 464.1375 464.15	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14	L PLAN FOR SF 464.025 464.025 464.025 464.025 464.0625 464.0625 464.075 464.0875 464.0875 464.125 464.125 464.135 464.15 464.1625	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 4 5 6 6 7 8 9 10 11 11 12 13 14 15	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0375 464.0625 464.0625 464.0875 464.0875 464.125 464.1125 464.125 464.1375 464.15 464.1625 464.175	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 11 12 13 14 15 16	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.0625 464.0625 464.075 464.075 464.1075 464.1125 464.125 464.1375 464.15 464.1625 464.175 464.1875	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.05 464.075 464.075 464.075 464.125 464.125 464.1375 464.15 464.1625 464.175 464.1875 464.1875 464.2	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.0625 464.0625 464.0625 464.0875 464.1025 464.1125 464.125 464.125 464.15 464.1625 464.1625 464.1675 464.1675 464.1875 464.22 464.2125	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 4 5 6 7 7 8 9 10 11 11 12 13 11 12 13 14 15 16 17 18 19	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0375 464.0625 464.0625 464.0875 464.0875 464.1025 464.1125 464.1125 464.125 464.1375 464.15 464.1625 464.1625 464.175 464.1875 464.225 464.225	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/E         SEE DATABASE       SEE         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 15 16 17 18 19 20	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.0625 464.0625 464.075 464.0875 464.1075 464.125 464.125 464.1375 464.15 464.15 464.15 464.175 464.175 464.225 464.225 464.2375	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 21	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.025 464.075 464.075 464.075 464.125 464.125 464.125 464.125 464.15 464.15 464.15 464.175 464.175 464.175 464.1875 464.225 464.2375 464.25	SEE DATABASE 464 - 464.425MHz 2017 (12.5 kHz) REMARKS S/G SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 8 9 10 11 12 13 11 12 13 14 15 16 17 18 19 20 21 22	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.0625 464.0625 464.075 464.0875 464.0875 464.1025 464.1125 464.125 464.125 464.15 464.1625 464.1625 464.175 464.125 464.125 464.25 464.225 464.25 464.25 464.2625	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS         SEE DATABASE         SE	
HANNE CH. No. 1 2 3 4 4 5 6 7 7 8 9 10 11 11 12 13 14 15 16 17 15 16 17 18 19 20 21 22 23	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0375 464.0625 464.0625 464.0875 464.0875 464.0875 464.125 464.125 464.125 464.1375 464.1625 464.1625 464.225 464.2125 464.215 464.225 464.275 465 465 465 465 465 465 465 46	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/E         SEE DATABASE       SEE	
HANNE CH. No. 1 2 3 4 5 6 7 8 9 10 11 12 13 11 12 13 14 15 16 17 18 19 20 21 22	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.0625 464.0625 464.075 464.0875 464.0875 464.1025 464.1125 464.125 464.125 464.15 464.1625 464.1625 464.175 464.125 464.125 464.25 464.225 464.25 464.25 464.2625	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS         SEE DATABASE         SEE DATABASE <td colspa<="" td=""></td>	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23 24 25	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.025 464.0675 464.075 464.075 464.075 464.125 464.125 464.125 464.125 464.125 464.175 464.125 464.125 464.225 464.2375 464.2375 464.2875 464.2875 464.2875 464.3	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/G         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 15 16 17 18 9 20 21 22 23 24	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.05 464.065 464.075 464.075 464.075 464.125 464.125 464.125 464.125 464.15 464.15 464.15 464.15 464.125 464.25 464.25 464.25 464.25 464.275 464.275 464.2875	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/E         SEE DATABASE       SEE         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23 24 25	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.025 464.0675 464.075 464.075 464.075 464.125 464.125 464.125 464.125 464.125 464.175 464.125 464.125 464.225 464.2375 464.2375 464.2875 464.2875 464.2875 464.3	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/G         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 12 13 13 14 15 16 17 13 14 15 16 17 18 19 20 21 22 23 24 25 26	L PLAN FOR SF 464 464.0125 464.025 464.025 464.025 464.05 464.0625 464.075 464.0875 464.125 464.125 464.125 464.125 464.15 464.1625 464.1625 464.1625 464.175 464.125 464.125 464.25 464.215 464.225 464.225 464.275 464.275 464.3 464.3125	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS         SEE DATABASE         SEE DATABASE <td colspa<="" td=""></td>	
HANNE CH. No. 1 2 3 4 4 5 6 7 7 8 9 9 10 11 12 13 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0375 464.0625 464.0625 464.0875 464.0875 464.0875 464.125 464.125 464.125 464.1375 464.1625 464.125 464.225 464.215 464.225 464.225 464.225 464.225 464.225 464.225 464.225 464.225 464.3125 464.3125 464.32	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/G         SEE DATABASE       S/E         SEE DATABASE       SEE         SEE DATABASE       SEE DATABASE         SEE DATABASE	
HANNE CH. No. 1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 12 13 14 15 16 17 15 16 17 18 9 20 21 22 23 24 23 24 25 26 27 27 28	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.05 464.065 464.075 464.075 464.125 464.125 464.125 464.125 464.15 464.15 464.15 464.15 464.15 464.25 464.25 464.225 464.225 464.275 464.275 464.275 464.325 464.325 464.3375	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/E         SEE DATABASE       SEE         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 7 8 9 10 11 12 13 14 15 16 17 15 16 17 18 9 20 21 22 23 24 22 23 24 25 26 27 28 29	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.0675 464.0675 464.075 464.0875 464.1075 464.125 464.125 464.125 464.125 464.125 464.125 464.125 464.125 464.225 464.225 464.2375 464.225 464.265 464.275 464.275 464.275 464.275 464.275 464.275 464.375 464.3375 464.335 464.35	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       S/G         SEE DATABASE       S/G         SEE DATABASE       SEE DATABASE	
HANNE CH. No. 1 2 3 4 5 6 7 7 8 9 10 11 12 13 13 14 15 16 17 13 14 15 16 17 13 13 14 15 20 21 22 23 24 22 23 24 25 26 27 28 29 30	L PLAN FOR SF 464 464.0125 464.025 464.025 464.0375 464.05 464.0625 464.0625 464.0875 464.125 464.125 464.125 464.125 464.125 464.15 464.1625 464.1625 464.175 464.1875 464.225 464.2125 464.225 464.225 464.275 464.25 464.375 464.3 464.325 464.35 464.3625	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS         SEE DATABASE         SEE DATABASE <td colspa<="" td=""></td>	
HANNE CH. No. 1 2 3 3 4 5 6 7 7 8 9 9 10 11 11 12 13 14 15 16 17 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	L PLAN FOR SF 464 464.0125 464.025 464.0375 464.0375 464.0625 464.0625 464.0875 464.0875 464.0875 464.125 464.125 464.125 464.1375 464.1625 464.1625 464.2125 464.215 464.225 464.2375 464.265 464.325 464.3375 464.35 464.3625 464.375 464.	SEE DATABASE         464 - 464.425MHz 2017 (12.5 kHz)         REMARKS       S/G         SEE DATABASE       SEE DATABASE         S	

Page 172/198

HANN	EL PLAN FOR 4	63 - 463.9875MHz 2003 (12.5 kHz)
CH. No.	SF	REMARKS S/Gr
1	463	SEE DATABASE
2	463.0125	SEE DATABASE SEE DATABASE
3 4	463.025 463.0375	SEE DATABASE
5	463.05	SEE DATABASE
6	463.0625	SEE DATABASE
7	463.075	SEE DATABASE
8	463.0875	SEE DATABASE
9	463.1	SEE DATABASE
10	463.1125	SEE DATABASE
11 12	463.125 463.1375	SEE DATABASE SEE DATABASE
13	463.15	SEE DATABASE
14	463.1625	SEE DATABASE
15	463.175	SEE DATABASE
16	463.1875	SEE DATABASE
17	463.2	SEE DATABASE
18	463.2125	SEE DATABASE
19	463.225	SEE DATABASE SEE DATABASE
20 21	463.2375 463.25	SEE DATABASE
21	463.2625	SEE DATABASE
23	463.275	SEE DATABASE
24	463.2875	SEE DATABASE
25	463.3	SEE DATABASE
26	463.3125	SEE DATABASE
27	463.325	SEE DATABASE
28 29	463.3375	SEE DATABASE SEE DATABASE
30	463.35 463.3625	SEE DATABASE
31	463.375	SEE DATABASE
32	463.3875	SEE DATABASE
33	463.4	SEE DATABASE
34	463.4125	SEE DATABASE
35	463.425	SEE DATABASE
36	463.4375	SEE DATABASE
37	463.45	SEE DATABASE
38 39	463.4625 463.475	SEE DATABASE SEE DATABASE
40	463.4875	SEE DATABASE
41	463.5	SEE DATABASE
42	463.5125	SEE DATABASE
43	463.525	SEE DATABASE
44	463.5375	SEE DATABASE
45	463.55	SEE DATABASE
46	463.5625	SEE DATABASE
47	463.575	SEE DATABASE
ΗΔΝΝΙ		163 - 463.9875MHz 2003 (12.5 kHz)
48	463.5875	SEE DATABASE
40	463.6	SEE DATABASE
50	463.6125	SEE DATABASE
51	463.625	SEE DATABASE
52	463.6375	SEE DATABASE
53	463.65	SEE DATABASE
54	463.6625	SEE DATABASE
55	463.675 463.6875	SEE DATABASE
56 57	463.6875 463.7	SEE DATABASE SEE DATABASE
58	463.7125	SEE DATABASE
59	463.725	SEE DATABASE
60	463.7375	SEE DATABASE
61	463.75	SEE DATABASE
62	463.7625	SEE DATABASE
63	463.775	SEE DATABASE
64	463.7875	SEE DATABASE
65	463.8 463.8125	SEE DATABASE SEE DATABASE
66	463.825	SEE DATABASE
66 67		SEE DATABASE
67	463,8375	
	463.8375 463.85	SEE DATABASE
67 68		SEE DATABASE SEE DATABASE
67 68 69	463.85	
67 68 69 70 71 72	463.85 463.8625 463.875 463.8875	SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73	463.85 463.8625 463.875 463.8875 463.9	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73 74	463.85 463.8625 463.875 463.8875 463.9 463.9	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73 74 75	463.85 463.8625 463.875 463.875 463.9 463.9125 463.925	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73 74 75 76	463.85 463.8625 463.875 463.8875 463.9 463.9 463.9125 463.925 463.9375	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73 74 75 76 77	463.85 463.8625 463.875 463.8875 463.9125 463.9125 463.925 463.9375 463.95	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
67 68 69 70 71 72 73 74 75 76	463.85 463.8625 463.875 463.8875 463.9 463.9 463.9125 463.925 463.9375	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE

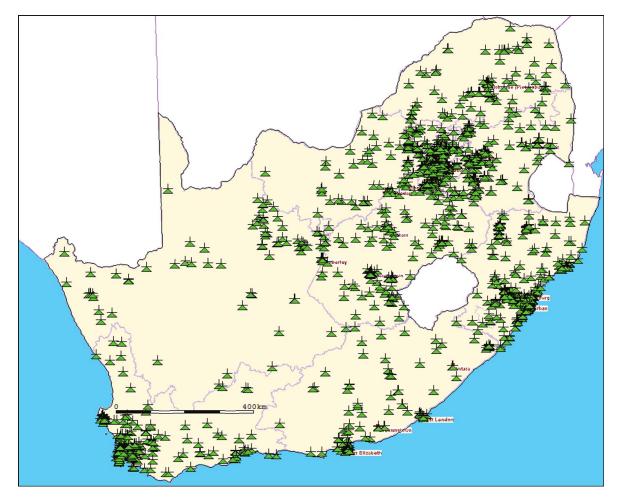
No. 41854 479

Page 173/198

## **1.9.2** Licensing information for the applicable frequency allocation

There are 7857 Licenses issued in this band for both BTX and MTX as well as single frequency devices

### **1.9.3** Areas where licensed frequencies are operational.



# 1.10 Applicable Frequency Allocation and Band information 452.5 MHz to 457.5 MHz and 462.5 MHz to 467.5 MHz

Band is identified for Transnet Trial License

Frequency Band under investigation 450 MHz to 470 MHz MOBILE

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 174/198

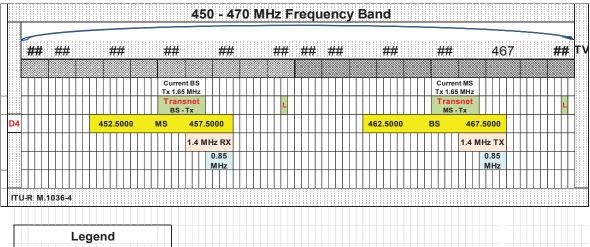
Frequency Sub bands

Pairings

MOBILE 452.5 to 457.5 MHz paired with BTX 462.5 to 467.5 MHz

See section 9 for more detail on existing licences

## 1.10.1 Channel Plan for the Frequency Allocation



	Legend	
	1.65 MHz Transnet	
_	LTE Band 31	
	1.40 MHz Trial	
	0.85 MHz Application	

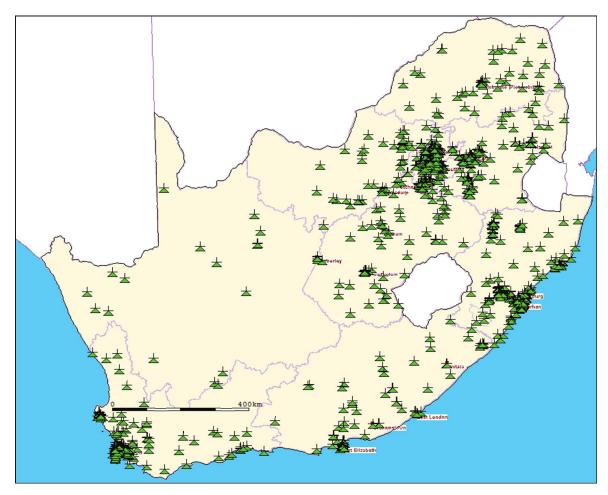
## 1.10.2 Licensing information for the applicable frequency allocation

There are 2207 Licenses issued in this band 452.5 to 457.5 MHz

There are 2548 Licenses issued in this band 462.5 to 467.5 MHz

No. 41854 **481** 

Page 175/198



## 1.10.3 Areas where licensed frequencies are operational.

Page 176/198

# 1.11 Applicable Frequency Allocation and Band information 694 MHz to 960 MHz

Frequency Band under investigation 694 MHz to 960 MHz MOBILE BROADCASTING FIXED (856 to 864.1 MHz)

Frequency Sub-bands 694 to 790 MHz & 790 to 862MHz & 862 to 890 & 890 to 942 & 942 to 960 MHz Pairings MOBILE UL 703 to 713 MHz paired with DL 758 to 768 MHz MOBILE UL 713 to 723 MHz paired with DL 758 to 768 MHz MOBILE UL 723 to 733 MHz paired with DL 758 to 768 MHz MOBILE DL 791 to 801 MHz paired with UL 832 to 842 MHz MOBILE DL 801 to 811 MHz paired with UL 842 to 852 MHz MOBILE DL 811 to 821 MHz paired with UL 852 to 862 MHz GSM-R (MTX) 877.695 to 880 MHz paired with (BTX) 921 to 925 MHz

FIXED Links 856 to 864.1 MHz paired with 868.1 to 876 MHz RFID (including, passive tags and vehicle location) 915.1 to 921 MHz Wireless Access 872.775 to 877.695 MHz paired with 827.775 to 832.695 MHz Wireless audio systems and wireless microphones 863 to 865 MHz CT2 Cordless phones 864.1 to 868.1 MHz FWA 864.1 to 868.1 MHz RFID 865 to 868 MHz Non-specific SRD and RFID 869.4 to 869.65 MHz Non-specific SRDs 868 to 868.6 MHz & 868.7 to 869.2 MHz

#### 1.11.1 Channel Plan for the Frequency Allocation

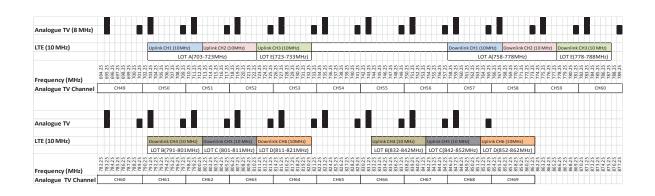
LTE Implementation Plan after Broadcast analogue Television switch-off

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STAATSKOERANT, 24 AUGUSTUS 2018

No. 41854 483

Page 177/198

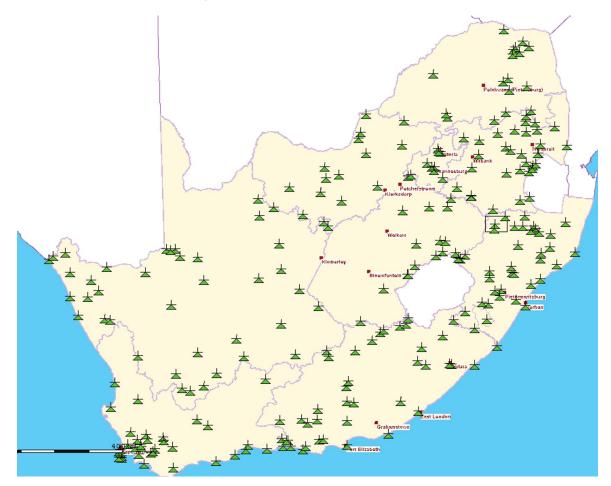


Page 178/198

### 1.11.2 Areas where licensed frequencies are operational.

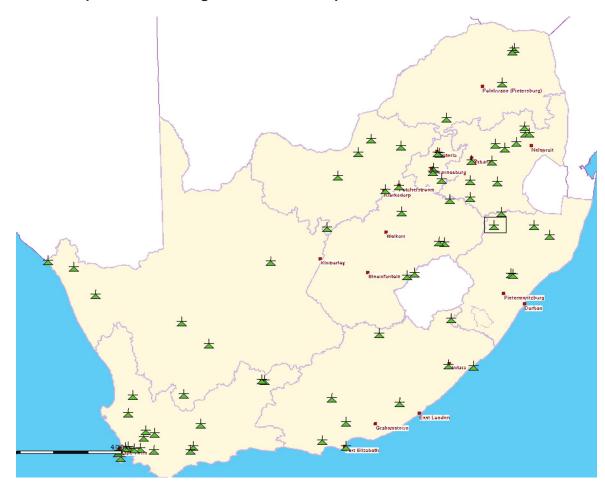
This does not include the low power self-help frequencies which are operational.

## 1.11.2.1 Operational Analogue Broadcast Frequencies 694 MHz to 790 MHz



No. 41854 485

Page 179/198



## 1.11.2.2 Operational Analogue Broadcast Frequencies 790 MHz to 854 MHz

Page 180/198

# 1.12 Applicable Frequency Allocation and Band information 1350 MHz to 1375 MHz & 1492 MHz to 1517 MHz

FIXED NF 14

Frequency Band under investigation 1350 to 1375 MHz

FIXED

Frequency Band under investigation 1492 to 1517 MHz

FIXED

MOBILE except aeronautical mobile

Frequency Sub bands

Pairings

FIXED 1350 to 1375 MHz paired with 1492 to 1517 MHz

Fixed link (duplex)

No. 41854 487

Page 181/198

# 1.12.1 Channel Plan for the Frequency Allocation

# 1.12.1.1 Annexure A

14	GHz cha	nnel nlans	TR1	3-01(Δ)	ITU-R F.124	12									_		1
	nex A (ne			<u>13-01(A)</u>	110-11 1.12-	TZ											
7.11			-												-		
	CEPT Band	TR 13 - 0 1(A) 1.4 GHz (F.S)	-				CEPT Band	TR 13 0 1 A) 1.4 GHz (F.S					CEPT Band	TR13-01(A) 1.4 GHz (F.S)			
	Ctr.Freq	1433.5 M Hz					Cts.Freq	1433.5 M Hz					Ctr.Freq	1433.5 M Hz			
	Ch.Width Separ.	25 kHz 142 M Hz					Ch Width Separ	250 kHz 142 M Hz					Ch.Width Separ.	500 kHz 142 M Hz			
	Ch.Spac.	10 0 x 2 5 kHz					Ch.Spac.	15x250 kHz					Ch.Spac.	35x500 kHz			
_	Ctr.Gap	117 M Hz										_	Ctr.Gap	117 M Hz	-		Old plan
Ch.	Go	Return		Go	Return	Ch.	Go	Return	Ch.	Go	Return	Ch.	Go	Return			channel nu
1	13 50 . 512 5	1492.5125	37	13 51.4 12 5	1493.4125	73	13 52 . 3 12 5	1494.3125	9	13 55:12 50	:14 9:7 : 12 50	1	13 57.2 50 0	1499.2500	L	10 9	
2	1350.5375	1492.5375	38	13 51.4 3 7 5	1493.4375	74	13 52 . 3 3 7 5	1494.3375	10.	13.55.37.50	1497.3750	2	13 57.750 0	1499.7500		110	
3	13 50 . 56 2 5	1492.5625	39	13 51.4625	1493.4625	75	1352.3625	1494.3625	11	13 55 6 2 50	14 9.7 .6 2 50	3	13 58 .2 50 0	1500.2500		111	
4	1350.5875	1492.5875	40	13 51.4 8 7 5	1493.4875	76	1352.3875	1494.3875	12	13:55.8750	14 9 7 8 7 50	4	13 58 .750 0	1500.7500		112	
5	13 50 . 6 12 5	1492.6125	41	13 51.512 5	1493.5125	77	13 52 .4 12 5	1494.4125	13	13 56 : 12 50	:14 9:8 :12 50	5	13 59 . 2 50 0	150 1.2 50 0		113	
6	1350.6375	1492.6375	42	13 51.53 75	1493.5375	78	1352.4375	1494.4375	14	13 56 3 7 50	1498 3750	6	13 59 .7 50 0	150 1.750 0		114	
7	1350.6625	1492.6625	43	13 5 1. 56 2 5	1493.5625	79	1352.4625	1494.4625	15		1498.6250	7	1360.2500	1502.2500		115	
8	13 50 .6 8 7 5	1492.6875	4.4	13 5 1. 58 7 5	1493.5875	80	13 52 . 4 8 7 5	1494.4875	1.5.1			8	1360.7500	1502.7500	F	116	
9	13 50 .712 5	1492.7125	44	13 5 1. 58 7 5	1493.6125	81	13 52 . 512 5	1494.5125	<u> </u>			9	1361.2500	1503.2500	F	117	
	13 50 .712 5	1492.7125		13 5 1.6 12 5	1493.6125		13 52 . 512 5	1494.5125	<u> </u>	{		9 10	1361.2500	1503.2500	$\vdash$		
10			46			82	-								⊢	118	
11	13 50 .76 2 5	1492.7625	47	1351.6625	1493.6625	83	13 52 . 56 2 5	1494.5625	<u> </u>			11	1362.2500	1504.2500	-	119	
12	1350.7875	1492.7875	48	1351.6875	1493.6875	84	13 52 . 58 7 5	1494.5875	<u> </u>			12	1362.7500	1504.7500	⊢	12 0	
13	13 50 .8 12 5	1492.8125	49	13 51.712 5	1493.7125	85	13 52 . 6 12 5	1494.6125				13	1363.2500	150 5.2 50 0	⊢	121	
14	1350.8375	1492.8375	50	13 51.73 75	1493.7375	86	1352.6375	1494.6375				14	1363.7500	150 5.750 0		12 2	
15	13 50 .8 6 2 5	1492.8625	51	13 51.76 2 5	1493.7625	87	13 52 . 6 6 2 5	1494.6625				15	1364.2500	1506.2500		12 3	
16	13 50 .8 8 7 5	1492.8875	52	13 51.78 75	1493.7875	88	1352.6875	1494.6875				16	1364.7500	1506.7500		124	1
17	13 50 .9 12 5	1492.9125	53	13 51.8 12 5	1493.8125	89	13 52 . 7 12 5	1494.7125				17	1365.2500	1507.2500	Г	125	
18	1350.9375	1492.9375	54	13 51.8 3 7 5	1493.8375	90	13 52 . 73 7 5	1494.7375				18	1365.7500	1507.7500		12 6	
19	13 50 .9 6 2 5	1492.9625	55	13 5 1.8 6 2 5	1493.8625	91	1352.7625	1494.7625				19	1366.2500	1508.2500	Г	12 7	
20	1350.9875	1492.9875	56	13 51.8 8 7 5	1493.8875	92	1352.7875	1494.7875				20	1366.7500	1508.7500		128	
21	13 51.0 12 5	1493.0125	57	13 51.9 12 5	1493.9125	93	13 52 .8 12 5	1494.8125				21	1367.2500	1509.2500	F	12 9	
22	13 5 1.0 3 7 5	1493.0375	58	13 51.9 3 7 5	1493.9375	94	13 52 .8 3 7 5	1494.8375				22	1367.7500	1509.7500	H	13.0	
23	1351.0625	1493.0625	59	1351.9625	1493.9625	95	13 52.8625	1494.8625				23			H	13.0	
-	13 51.0 8 7 5	1493.0625		1351.9625	1493.9625		13 52.8625	1494.8625				23	1368.2500	1510.2500			
24			60			96							1368.7500	1510.7500	⊢	13.2	
25	13 5 1. 112 5	1493.1125	61	13 52 .0 12 5	1494.0125	97	13 52 .9 12 5	1494.9125				25	1369.2500	1511.2 50 0	L	13 3	ad hoc
26	13 5 1. 13 7 5	1493.1375	62	1352.0375	1494.0375	98	13 52 .9 3 7 5	1494.9375				26	1369.7500	1511.7500		13 4	
27	13 51.16 2 5	1493.1625	63	1352.0625	1494.0625	99	13 52 .9 6 2 5	1494.9625				27	1370.2500	1512.2500		135	ad hoc
28	13 5 1. 18 7 5	1493.1875	64	1352.0875	1494.0875	10 0	13 52 .9 8 7 5	1494.9875				28	1370.7500	1512.7500		13 6	
29	13 51.2 12 5	1493.2125	65	13 52 . 112 5	1494.1125	1	13.53 12.50	1495.1250				29	1371.2500	1513.2500	L	13 7	ad hoc
30	13 51.2 3 7 5	1493.2375	66	13 52 . 13 7 5	1494.1375	2	13:53 .3 7:50	1495;3750				30	13 71.750 0	1513.7500	Ľ	138	ad hoc
31	13 51.2 6 2 5	1493.2625	67	13 52 . 16 2 5	1494.1625	3	13 63 6 2 50	14,9 5 6 2 50				31	1372.2500	1514.2500		139	
32	1351.2875	1493.2875	68	1352.1875	1494.1875	4	13 53 .8 7 50	14.9 5 8 7 50				32	1372.7500	1514.7500	Γ	14 0	ad hoc
33	13 5 1.3 12 5	1493.3125	69	13 52 . 2 12 5	1494.2125	5	13.54 12.50	1496.1250		ĺ		33	1373.2500	1515.2500	Г	141	
34	13 51.3 3 7 5	1493.3375	70	13 52.2375	1494.2375	6	13 54 .3 7 50	1496.3750		1		34	1373.7500	1515.7500	E	14.2	
35	1351.3625	1493.3625	71	13 52 . 2 6 2 5	1494.2625	7	13:54 6 2:50	1496.6250		1		35	1374.2500	1516.2500	F	14 3	
36	1351.3825	1493.3875	72	13 52.2825	1494.2875	8	1354.8750	14.9 6 .8 7 50	<u> </u>			<b>—</b>			┢	.+3	
50		190.30/3	14		1434.2013			1910 0.0.1 00'	-	I	2	-		:	1		ł
		0F 1- 1	-									-		F00 br	-		
		25 kHz shared	-					250 kHz shared	a.			-		500 kHz shared	-		
	<i></i>																
	continue	Annex B o	on n	ext shee	t		Typical (	users							-		
	<b>↓</b>						Eskom										
							Transnet										
			_				SAPS					_					
							SANDF										
							Ekurhule										
							National	Research Fo	ound	ation							

Page 182/198

## 1.12.1.2 Annexure B

Annex B (n	ew plan)		
	CEPT TR13-0	1(B)	
	Band 1.4 GHz	z (F.S)	
	Ctr.Freq 1413	.5 MHz	
	Ch.Width 50		
	Separ. 52 M⊦		
	Ch.Spac. 48x5		
	Ctr.Gap 27 MI		
Ch.	Go		
		Return	
1	1375.7500	1427.7500	
2	1376.2500	1428.2500	
3	1376.7500	1428.7500	
4	1377.2500	1429.2500	
5	1377.7500	1429.7500	
6	1378.2500	1430.2500	
7	1378.7500	1430.7500	
8	1379.2500	14 3 1.2 50 0	
9	1379.7500	14 3 1.750 0	Tolkom
10	1380.2500	1432.2500	Telkom
11	1380.7500	1432.7500	Tolkom
12	13 8 1.2 50 0	1433.2500	Telkom
13	1381.7500	1433.7500	
14	1382.2500	1434.2500	
15	1382.7500	1434.7500	
16	1383.2500	1435.2500	
17	1383.7500	1435.7500	
18	1384.2500	1436.2500	
19	1384.7500	1436.7500	
2 0	1385.2500	1437.2500	
2 1	1385.7500	1437.7500	
22	1386.2500	1438.2500	
23	1386.7500	1438.7500	
24	1387.2500	1439.2500	
2 5	1387.7500	1439.7500	
26	1388.2500	1440.2500	
27	1388.7500	1440.7500	
28	1389.2500	14 4 1.2 50 0	
29	1389.7500	14 4 1.750 0	
3 0	1390.2500	1442.2500	
3 1	1390.7500	1442.7500	
32	13 9 1.2 50 0	1443.2500	
3 3	1391.7500	1443.7500	
34	1392.2500	1444.2500	
3 5	1392.7500	1444.7500	
36	1393.2500	1445.2500	
37	1393.7500	1445.7500	
38	1394.2500	1446.2500	
39	1394.7500	1446.7500	Telkom
4 0	1395.2500	1447.2500	Telkom
4 1	1395.7500	1447.7500	Telkom
4 2	1396.2500	1448.2500	Telkom
4 3	1396.7500	1448.7500	Telkom
44	1397.2500	1449.2500	Telkom
4 5	1397.7500	1449.7500	Telkom
4 6	1398.2500	14 50 . 2 50 0	Telkom
47	1398.7500	14 50 . 7 50 0	Telkom
48	1399.2500	14 5 1. 2 5 0 0	Telkom

No. 41854 489

Page 183/198

# 1.12.1.3 Simplex Channels

	ITU / CEPT	Based on RE	C ITU-R F.124	2					
	Band	1.5	GHz (F.S) Simp	olex					
	C tr.F req		-						
	Ch.Width	7x500 kHz	& 140 x 25 kHz						
	Separ.		-						
	Ch.Spac.	7x 50	0 kHz & 140 x 2	5 kHz					
	Ctr.Gap		-						
Ch.		Ch.		Ch.		Ch.		Ch.	
1(IM T)	1517.75	37	152 1.73 75	73	1522.6375	10 9	1523.5375	14 5	1524.437
2(IMT)	1518.25	38	1521.7625	74	1522.6625	110	1523.5625	14 6	1524.462
3	1518.75	39	152 1.78 75	75	1522.6875	111	1523.5875	14 7	1524.487
4	1519.25	40	152 1.8 12 5	76	1522.7125	112	1523.6125		
5	1519.75	41	152 1.8 3 7 5	77	1522.7375	113	1523.6375		
6	1520.25	42	152 1.8 6 2 5	78	1522.7625	114	1523.6625		
7	1520.75	43	152 1.8 8 7 5	79	1522.7875	115	1523.6875		
8	152 1.0 12 5	44	152 1.9 12 5	80	1522.8125	116	1523.7125		
9	152 1.0 3 75	45	1521.9375	81	1522.8375	117	1523.7375		
10	152 1.0 6 2 5	46	1521.9625	82	1522.8625	118	1523.7625		
11	152 1.0 8 75	47	152 1.9 8 7 5	83	1522.8875	119	1523.7875		
12	152 1.112 5	48	152 2 .0 12 5	84	1522.9125	12 0	1523.8125		
13	152 1.13 75	49	1522.0375	85	1522.9375	12 1	1523.8375		
14	152 1.16 2 5	50	1522.0625	86	1522.9625	12 2	1523.8625		
15	152 1.18 75	51	1522.0875	87	1522.9875	12 3	1523.8875		
16	152 1.2 12 5	52	1522.1125	88	1523.0125	12 4	152 3 .9 12 5		
17	152 1.2 3 7 5	53	1522.1375	89	1523.0375	12 5	1523.9375		
18	152 1.2 6 2 5	54	1522.1625	90	1523.0625	12 6	1523.9625		
19	152 1.2 8 7 5	55	1522.1875	91	1523.0875	12 7	1523.9875		
20	152 1.3 12 5	56	152 2 . 2 12 5	92	1523.1125	12 8	1524.0125		
21	152 1.3 3 7 5	57	1522.2375	93	1523.1375	12 9	1524.0375		
22	152 1.3 6 2 5	58	1522.2625	94	1523.1625	13 0	1524.0625		
23	152 1.3 8 7 5	59	1522.2875	95	1523.1875	13 1	1524.0875		
24	152 1.4 12 5	60	1522.3125	96	1523.2125	13 2	1524.1125		
25	152 1.4 3 7 5	61	1522.3375	97	1523.2375	13 3	1524.1375		
26	1521.4625	62	1522.3625	98	1523.2625	13 4	1524.1625		
27	152 1.4 8 7 5	63	1522.3875	99	1523.2875	13 5	1524.1875		
28	152 1.512 5	64	1522.4125	10 0	1523.3125	13 6	1524.2125		
29	152 1.53 75	65	1522.4375	10 1	1523.3375	13 7	1524.2375		
30	152 1.56 2 5	66	1522.4625	10 2	1523.3625	13 8	1524.2625		
31	152 1.58 75	67	1522.4875	10 3	1523.3875	13 9	1524.2875		
32	152 1.6 12 5	68	1522.5125	10 4	1523.4125	14 0	1524.3125		
33	152 1.6 3 75	69	1522.5375	10 5	1523.4375	14 1	1524.3375		
34	1521.6625	70	1522.5625	10 6	1523.4625	14 2	1524.3625		
35	152 1.6 8 75	71	1522.5875	10 7	1523.4875	14 3	1524.3875		
36	152 1.7 12 5	72	1522.6125	10.8	1523.5125	14.4	1524.4125		ł

# 1.13 Applicable Frequency Allocation and Band information 1518 MHz to 1525 MHz

FIXED

MOBILE-SATELLITE (space to Earth)

Frequency Band under investigation 1518 to 1525 MHz

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 184/198

This band is identified for IMT Satellite Components (Space to earth)

#### 1.13.1 Channel Plan for the Frequency Allocation

See previous section for more details

### 1.13.2 Licensing information for the applicable frequency allocation

See previous section for more details

No. 41854 491

Page 185/198

# 1.14 Applicable Frequency Allocation and Band information 1700 MHz to 2450 MHz

Frequency Band under investigation 1700 to 2450 MHz and sub band 2025 to 2110 MHz

#### 1700 to 1710 MHz

METEOROLOGICAL SATELLITE (space to Earth)

Fixed Links (single frequency)

**1710 to 1980 MHz** FIXED MOBILE

FWA 1880 to 1900 MHz FWA TDD 1900 to 1920 MHz Fixed Broadband data applications: 1785 to 1805 MHz IMT 1800 MTX: 1710 to 1785 MHz paired with BTX 1805 to 1880 MHz Cordless Telephones: 1880 to 1900 MHz IMT 1900 TDD: 1900 to 1920 MHz IMT 2100 MTX: 1920 to 1980 MHz paired with BTX 2110 to 2170 MHz

# 1980 to 2010 MHz FIXED MOBILE MOBILE-SATELLITE FIXED Links: 1980 to 2010 MHz paired with 2170 to 2200 MHz CGC/ATC fixed systems: 1980 to 2010 MHz IMT satellite: 1980 to 2010 MHz

# 2010 to 2025 MHz

FIXED

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 186/198

#### MOBILE

IMT TDD: 2010 to 2025 MHz

#### 2025 to 2110 MHz

**FIXED** 

Fixed Links: 2025 to 2110 MHz paired with 2200 to 2285 MHz

#### 2110 to 2170 MHz

**FIXED** 

MOBILE

IMT 2100 BTX 2110 to 2170 MHz paired with 1920 to 1980

#### 2170 to 2200 MHz

FIXED MOBILE MOBILE-SATELLITE (space to Earth) Fixed Links 2170 to 2200 MHz paired with 1980 to 2010 CGC/ATC fixed systems: 1980 to 2010 MHz IMT satellite: 1980 to 2010 MHz

### 2200 to 2300 MHz

SPACE OPERATION (space to Earth) (space to space) FIXED MOBILE

Fixed Links 2025 to 2110 MHz paired with 2200 to 2285 MHz BFWA 2285 to 2300 MHz

ITU-R Rec F.1098 refers

#### 2300 to 2450 MHz

No. 41854 493

Page 187/198

FIXED

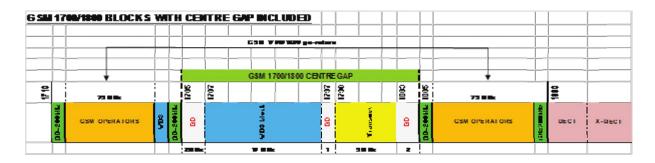
MOBILE

Amateur

FWA (PTP/PTMP): 2307 to 2387 paired with 2401 to 2481 MHz FWA (PTP/PTMP): 2401 to 2481 paired with MHz 2307 to 2387 IMT 2300 TDD: 2300 to 2400 MHz WLAN, FDDA and model ctrl: 2400 to 2483.5 MHz Non Specific SRDs and low power video surveillance: 2400 2483.5 MHz RFDI: 2400 2483.5 MHz ISM applications: 2400 2483.5 MHz

# 1.14.1 Channel Plan for the Frequency Allocation





#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 188/198

# <u>GSM 1800</u>

<u>GSM 180</u>	<u>0</u>				
Ch. No.	ARFCN (FI), MHz	ARFCN (Fu), MHz	Assignment/usage current	<u>Comments</u>	Final assignment
512		1805.2		<u>oommonto</u>	GB
513	1710.4	1805.4			Neotel
514	1710.6	1805.6			Neotel
515	1710.8	1805.8			Neotel
516	1711	1806			Neotel
517		1806.2			Neotel
518		1806.4			Neotel
519		1806.6			Neotel
520		1806.8			Neotel
521		1807			Neotel
522		1807.2			Neotel
523 524		1807.4			Neotel Neotel
524					Neotel
525		1807.8			Neotel
520		1808.2			Neotel
528		1808.4			Neotel
529		1808.6			Neotel
530		1808.8			Neotel
531		1809			Neotel
532		1809.2			Neotel
533		1809.4			Neotel
534		1809.6			Neotel
535	1714.8	1809.8			Neotel
536	1715	1810			Neotel
537	1715.2	1810.2			Neotel
538	1715.4	1810.4			Neotel
539	1715.6	1810.6			Neotel
540	1715.8	1810.8			Neotel
541	1716	1811			Neotel
542		1811.2			Neotel
543		1811.4			Neotel
544		1811.6			Neotel
545		1811.8			Neotel
546		1812			Neotel
547		1812.2			Neotel
548		1812.4			Neotel Neotel
549 550		1812.6			Neotel
551		1813			Neotel
552		1813.2			Neotel
553		1813.4			Neotel
554		1813.6			Neotel
555					Neotel
556		1814			Neotel
557		1814.2			Neotel
558		1814.4			Neotel
559	1719.6	1814.6			Neotel
560	1719.8	1814.8			Neotel
561		1815			Neotel
562		1815.2			Neotel
563		1815.4			Neotel
564		1815.6			Neotel
565		1815.8			Neotel
566		1816			Neotel
567		1816.2			Neotel
568		1816.4			Neotel
569		1816.6			Neotel
570		1816.8			Neotel
571		1817			Neotel
572	1722.2	1817.2			Neotel

No. 41854 **495** 

STAATSKOERANT, 24 AUGUSTUS 2018

Page 189/198

573	1722.4	1817.4	GB
574	1722.6	1817.6	GB
575	1722.8	1817.8	MTN
576	1723	1818	MTN
577	1723.2	1818.2	MTN
578	1723.4	1818.4	MTN
579	1723.6	1818.6	MTN
580	1723.8	1818.8	MTN
581	1724 1724.2	1819	MTN
582		1819.2	MTN
583 584	1724.4	1819.4 1819.6	MTN
585	1724.6 1724.8	1819.8	MTN MTN
586	1724.8	1820	MTN
587	1725.2	1820.2	MTN
588	1725.4	1820.2	MTN
589	1725.6	1820.6	MTN
590	1725.8	1820.8	MTN
591	1726	1821	MTN
592	1726.2	1821.2	MTN
593	1726.4	1821.4	MTN
594	1726.6	1821.6	MTN
595	1726.8	1821.8	MTN
596	1720.0	1822	MTN
597	1727.2	1822.2	MTN
598	1727.4	1822.4	MTN
599	1727.6	1822.6	MTN
600	1727.8	1822.8	MTN
601	1728	1823	MTN
602	1728.2	1823.2	MTN
603	1728.4	1823.4	MTN
604	1728.6	1823.6	MTN
605	1728.8	1823.8	MTN
606	1729	1824	MTN
607	1729.2	1824.2	MTN
608	1729.4	1824.4	MTN
609	1729.6	1824.6	MTN
610	1729.8	1824.8	MTN
611	1730	1825	MTN
612	1730.2	1825.2	MTN
613	1730.4	1825.4	MTN
614	1730.6	1825.6	MTN
615	1730.8	1825.8	MTN
616	1731	1826	MTN
617	1731.2	1826.2	MTN
618	1731.4	1826.4	MTN
619	1731.6	1826.6	MTN
620	1731.8	1826.8	MTN
621	1732	1827	MTN
622	1732.2	1827.2	MTN
623	1732.4	1827.4	MTN
624	1732.6	1827.6	MTN
625	1732.8	1827.8	MTN
626	1733	1828	MTN
627	1733.2	1828.2	MTN
628	1733.4	1828.4	MTN
629	1733.6	1828.6	MTN
630	1733.8	1828.8	MTN
631	1734	1829	MTN
632	1734.2	1829.2	MTN
633	1734.4	1829.4	MTN
634	1734.6	1829.6	MTN
635	1734.8	1829.8	GB
636	1735	1830	GB

GOVERNMENT GAZETTE, 24 AUGUST 2018

496 No. 41854

Page 190/198

637	1735.2	1830.2	Telkom
638	1735.4	1830.4	Telkom
639	1735.6	1830.6	Telkom
640	1735.8	1830.8	Telkom
641	1736	1831	Telkom
642	1736.2	1831.2	Telkom
643	1736.4	1831.4	Telkom
644	1736.6	1831.6	Telkom
645	1736.8	1831.8	Telkom
646	1737	1832	Telkom
647	1737.2	1832.2	Telkom
648	1737.4	1832.4	Telkom
649	1737.6	1832.6	Telkom
650	1737.8	1832.8	Telkom
651	1738	1833	Telkom
652	1738.2	1833.2	Telkom
653	1738.4	1833.4	Telkom
654	1738.6	1833.6	Telkom
655	1738.8	1833.8	Telkom
656	1739	1834	Telkom
657	1739.2	1834.2	Telkom
658	1739.4	1834.4	Telkom
659	1739.6	1834.6	Telkom
660	1739.8	1834.8	Telkom
661	1740	1835	Telkom
662	1740.2	1835.2	Telkom
663	1740.4	1835.4	Telkom
664	1740.6	1835.6	Telkom
665	1740.8	1835.8	Telkom
666	1741	1836	Telkom
667	1741.2	1836.2	Telkom
668	1741.4	1836.4	Telkom
669	1741.6	1836.6	Telkom
670	1741.8	1836.8	Telkom
671	1742	1837	Telkom
672	1742.2	1837.2	Telkom
673	1742.4	1837.4	Telkom
674	1742.6	1837.6	Telkom
675	1742.8	1837.8	Telkom
676	1743	1838	Telkom
677	1743.2	1838.2	Telkom
678	1743.4	1838.4	Telkom
679	1743.6	1838.6	Telkom
680	1743.8	1838.8	Telkom
681	1744	1839	Telkom
682	1744.2	1839.2	Telkom
683	1744.4	1839.4	Telkom
684	1744.6	1839.6	Telkom
685	1744.8	1839.8	Telkom
686	1745	1840	Telkom
687	1745.2	1840.2	Telkom
688	1745.4	1840.4	Telkom
689	1745.6	1840.6	Telkom
690	1745.8	1840.8	Telkom
691	1746	1841	Telkom
692	1746.2	1841.2	Telkom
693	1746.4	1841.4	Telkom
694	1746.6	1841.6	Telkom
695	1746.8	1841.8	Telkom
696	1747	1842	Telkom
697	1747.2	1842.2	GB
698	1747.4	1842.4	GB
699	1747.6	1842.6	GB
700	1747.8	1842.8	GB

No. 41854 **497** 

STAATSKOERANT, 24 AUGUSTUS 2018

Page 191/198

701	1748	1843	Cell C
702	1748.2	1843.2	Cell C
703	1748.4	1843.4	Cell C
704	1748.6	1843.6	Cell C
705	1748.8	1843.8	Cell C
706	1749	1844	Cell C
707	1749.2	1844.2	Cell C
708	1749.4	1844.4	Cell C
709	1749.6	1844.6	Cell C
710	1749.8	1844.8	Cell C
711	1750	1845	Cell C
712	1750.2	1845.2	Cell C
713	1750.4	1845.4	Cell C
714	1750.6	1845.6	Cell C
715	1750.8	1845.8	Cell C
716	1751	1846	Cell C
717	1751.2	1846.2	Cell C
718	1751.4	1846.4	Cell C
719	1751.6	1846.6	Cell C
720	1751.8	1846.8	Cell C
720	1752	1847	Cell C
		1847.2	
722	1752.2		Cell C
723	1752.4	1847.4	Cell C
724	1752.6	1847.6	Cell C
725	1752.8	1847.8	Cell C
726	1753	1848	Cell C
727	1753.2	1848.2	Cell C
728	1753.4	1848.4	Cell C
729	1753.6	1848.6	Cell C
730	1753.8	1848.8	Cell C
731	1754	1849	Cell C
732	1754.2	1849.2	Cell C
733	1754.4	1849.4	Cell C
734	1754.6	1849.6	Cell C
735	1754.8	1849.8	Cell C
736	1755	1850	Cell C
737	1755.2	1850.2	Cell C
738	1755.4	1850.4	Cell C
739	1755.6	1850.6	Cell C
740	1755.8	1850.8	Cell C
741	1756	1851	Cell C
742	1756.2	1851.2	Cell C
743	1756.4	1851.4	Cell C
744	1756.6	1851.6	Cell C
745	1756.8	1851.8	Cell C
746	1757	1852	Cell C
747	1757.2	1852.2	Cell C
748	1757.4	1852.4	Cell C
748	1757.6	1852.6	Cell C
750	1757.8	1852.8	Cell C
751	1758	1853	Cell C
752	1758.2	1853.2	Cell C
753	1758.4	1853.4	Cell C
754	1758.6	1853.6	Cell C
755	1758.8	1853.8	Cell C
756	1759	1854	Cell C
757	1759.2	1854.2	Cell C
758	1759.4	1854.4	Cell C
	1759.6	1854.6	Cell C
759			
759 760		1854.8	
759 760 761	1759.8 1760	1854.8 1855	Cell C GB

GOVERNMENT GAZETTE, 24 AUGUST 2018

498 No. 41854

Page 192/198

763	1760.4	1855.4	Vodacom
764	1760.6	1855.6	Vodacom
765	1760.8	1855.8	Vodacom
766	1761	1856	Vodacom
767	1761.2	1856.2	Vodacom
768	1761.4	1856.4	Vodacom
769	1761.6	1856.6	Vodacom
770	1761.8	1856.8	Vodacom
771	1762	1857	Vodacom
772	1762.2	1857.2	Vodacom
773	1762.4	1857.4	Vodacom
774	1762.6	1857.6	Vodacom
775	1762.8	1857.8	Vodacom
776	1763	1858	Vodacom
777	1763.2	1858.2	Vodacom
778	1763.4	1858.4	Vodacom
779	1763.6	1858.6	Vodacom
780	1763.8	1858.8	Vodacom
781	1764	1859	Vodacom
782	1764.2	1859.2	Vodacom
783	1764.4	1859.4	Vodacom
784	1764.6	1859.6	Vodacom
785	1764.8	1859.8	Vodacom
786	1765	1860	Vodacom
787	1765.2	1860.2	Vodacom
788	1765.4	1860.4	Vodacom
789	1765.6	1860.6	Vodacom
790	1765.8	1860.8	Vodacom
791	1766	1861	Vodacom
792	1766.2	1861.2	Vodacom
793	1766.4	1861.4	Vodacom
794	1766.6	1861.6	Vodacom
795	1766.8	1861.8	Vodacom
796	1767	1862	Vodacom
797	1767.2	1862.2	Vodacom
798	1767.4	1862.4	Vodacom
799	1767.6	1862.6	Vodacom
800	1767.8	1862.8	Vodacom
801	1768	1863	Vodacom
802	1768.2	1863.2	Vodacom
803	1768.4	1863.4	Vodacom
804	1768.6	1863.6	Vodacom
805	1768.8	1863.8	Vodacom
806	1769	1864	Vodacom
807	1769.2	1864.2	Vodacom
808	1769.4	1864.4	Vodacom
809	1769.6	1864.6	Vodacom
810	1769.8	1864.8	Vodacom
811	1770	1865	Vodacom
812	1770.2	1865.2	Vodacom
813	1770.4	1865.4	Vodacom
814	1770.6	1865.6	Vodacom
815	1770.8	1865.8	Vodacom
816	1771	1866	Vodacom
817	1771.2	1866.2	Vodacom
818	1771.4	1866.4	Vodacom
819	1771.6	1866.6	Vodacom
820	1771.8	1866.8	Vodacom
821	1772	1867	Vodacom
822	1772.2	1867.2	Vodacom
823	1772.4	1867.4	GB
824	1772.6	1867.6	GB

No. 41854 **499** 

STAATSKOERANT, 24 AUGUSTUS 2018

Page 193/198

825	1772.8	1867.8	WBS
826	1773	1868	WBS
827	1773.2	1868.2	WBS
828	1773.4	1868.4	WBS
829	1773.6	1868.6	WBS
830	1773.8	1868.8	WBS
831	1774	1869	WBS
832	1774.2	1869.2	WBS
833	1774.4	1869.4	WBS
834	1774.6	1869.6	WBS
835	1774.8	1869.8	WBS
836	1775	1870	WBS
837	1775.2	1870.2	WBS WBS
838	1775.4	1870.4	
839	1775.6	1870.6	WBS
840 841	1775.8 1776	1870.8 1871	WBS WBS
			WBS
842 843	1776.2 1776.4	1871.2 1871.4	WBS
844	1776.6	1871.6	WBS
844 845	1776.8	1871.8	WBS
845 846	1776.8	1871.8	WBS
847	1777.2	1872.2	WBS
848	1777.4	1872.4	WBS
849	1777.6	1872.6	WBS
850	1777.8	1872.8	WBS
851	1778	1873	WBS
852	1778.2	1873.2	WBS
853	1778.4	1873.4	WBS
854	1778.6	1873.6	WBS
855	1778.8	1873.8	WBS
856	1779	1874	WBS
857	1779.2	1874.2	WBS
858	1779.4	1874.4	WBS
859	1779.6	1874.6	WBS
860	1779.8	1874.8	WBS
861	1780	1875	WBS
862	1780.2	1875.2	WBS
863	1780.4	1875.4	WBS
864	1780.6	1875.6	WBS
865	1780.8	1875.8	WBS
866	1781	1876	WBS
867	1781.2	1876.2	WBS
868	1781.4	1876.4	WBS
869	1781.6	1876.6	WBS
870	1781.8	1876.8	WBS
871	1782	1877	WBS
872	1782.2	1877.2	WBS
873	1782.4	1877.4	WBS
874	1782.6	1877.6	WBS
875	1782.8	1877.8	WBS
876	1783	1878	WBS
877	1783.2	1878.2	WBS
878	1783.4	1878.4	WBS
879	1783.6	1878.6	WBS
880	1783.8	1878.8	WBS
881	1784	1879	WBS
882	1784.2	1879.2	WBS
883	1784.4	1879.4	WBS
884	1784.6	1879.6	WBS
885	1784.8	1879.8	GB

#### GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 194/198

	*****									sers, i.e. cha				
	mmunicatio													********
autoco	minuncatio		oup y mad					ation in 20				1110-K <del>4</del> -	T.	
	hannelisatio	'n												
)=2155			f0=2155			f0=2155			f0=2155					
	ion = 175 M			on = 175 MH			n = 175 Mi			on = 175 M				
	gap = 90 Mi ing = 14 Mi			np = 90 MH ng = 7 MHz			p = 90 MH g = 3.5 MH			ap = 90 MH ng = 1.75 M				
пэрас	111g - 14 Wi		ch spach			ch spacin	y - 3.5 MF	12	Ch space	ng - 1.75 W				
Ch	Go	Return	Ch	Go	Return	Ch	Go	Return	Ch	Go	Return			
1	2032.5	2207.5	1	2029	2204	1	2027.25	2202.25	1	2026.375	2201.375			
2	2046.5	2221.5	2	2036	2211	2	2030.75	2205.75	2		2203.125			
3	2060.5	2235.5	3	2043	2218	3	2034.25	2209.25	3		2204.875			
4	2074.5	2249.5	4	2050	2225	4	2037.75	2212.75	4		2206.625			
5	2088.5	2263.5	5	2057	2232	5	2041.25	2216.25	5		2208.375			
6	2102.5	2277.5	6	2064	2239	6	2044.75	2219.75	6		2210.125			
			7	2071	2246	7	2048.25	2223.25	7		2211.875			
			8	2078	2253	8	2051.75	2226.75	8		2213.625			
			9	2085	2260	9	2055.25	2230.25	9		2215.375			
			10	2092	2267	10	2058.75	2233.75	10		2217.125			
			11	2099	2274	11	2062.25	2237.25	11		2218.875			
			12	2106	2281	12	2065.75	2240.75	12		2220.625			
						13	2069.25	2244.25	13		2222.375			
						14	2072.75	2247.75	14		2224.125			
sers:						15	2076.25	2251.25	15		2225.875			
	Mbombela Local Municipality					16	2079.75	2254.75	16		2227.625			
		Bay Titaniu	m			17	2083.25	2258.25	17		2229.375			
	SANDF	?				18	2086.75	2261.75	18		2231.125			
	SAPS	?				19	2090.25	2265.25	19		2232.875			
	Sky Conn	ect	?			20	2093.75	2268.75	20		2234.625			
	Telkom					21	2097.25	2272.25	21		2236.375			
	Transnet					22	2100.75	2275.75	22		2238.125			
	Kaltrade	ch 6 temp	orary	ch1 Gauter	ng	23	2104.25	2279.25	23		2239.875			
	SANSA					24	2107.75	2282.75	24		2241.625			
									25		2243.375			
									26		2245.125			
									27		2246.875			
									28		2248.625			
									29		2250.375			
									30		2252.125			
									31		2253.875			
									32		2255.625			
									33		2257.375			
									34		2259.125			
									35		2260.875			
									36		2262.625			
									37		2264.375			
									38		2266.125			
									39		2267.875			
									40		2269.625			
									41		2271.375			
									42		2273.125			
									43		2274.875			
									44		2276.625			
									45		2278.375			
									46		2280.125			
									47		2281.875			
									48	2108.625	2283.625			

# 1.14.2 Licensing information for the applicable frequency allocation

See above for license information on specific bands

No. 41854 501

Page 195/198

# 1.15 Applicable Frequency Allocation and Band information 2500 MHz to 2655 MHz

MOBILE except aeronautical mobile

### Frequency Band under investigation 2500 to 2655 MHz

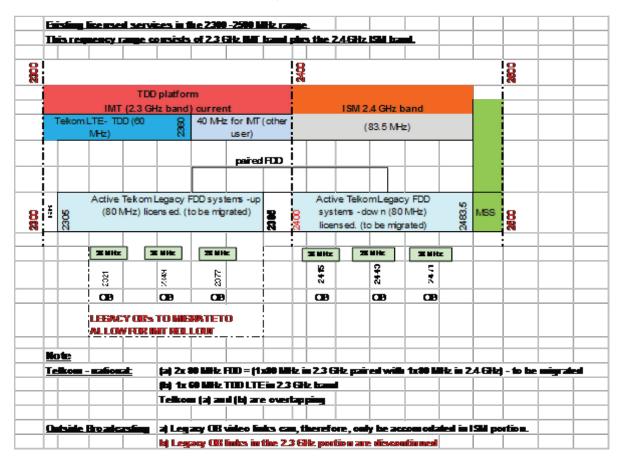
IMT 2600 MTX 2500 to 2570 MHz paired with BTX 2620 to 2690 MHz

IMT 2600 TDD: 2570 to 2620 MHz

IMT 2600 BTX 2620 to 2690 MHz paired with MTX 2500 to 2570 MHz

IMT 2500 to 2690 MHz

### 1.15.1 Channel Plan for the Frequency Allocation



Page 196/198

# 1.16 Applicable Frequency Allocation and Band information 2655 MHz to 2690 MHz

MOBILE except aeronautical mobile

Radio astronomy

## Frequency Band under investigation 2655 to 2690 MHz

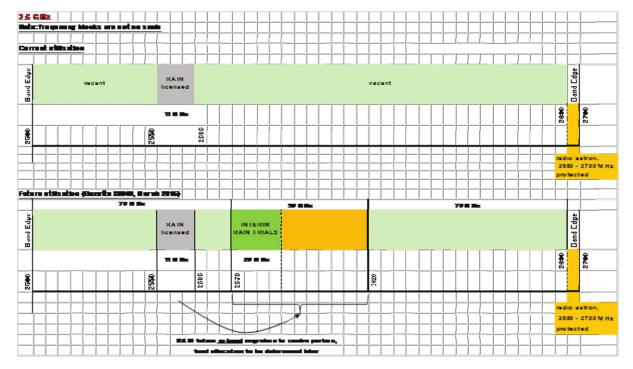
IMT 2600 BTX 2620 to 2690 MHz paired with MTX 2500 to 2570 MHz

IMT 2500 to 2690 MHz

IMT 2600 MTX 2500 to 2570 MHz paired with MTX 2620 to 2690 MHz

Telecommunication Roadmap GG No 38213 14 November 2014.

# 1.16.1 Channel Plan for the Frequency Allocation



# **1.16.2** Licensing information for the applicable frequency allocation

See above for more information

No. 41854 503

Page 197/198

# 1.17 Applicable Frequency Allocation and Band information 3300 MHz to 3600 MHz

Frequency Band under Investigation 3300 to 3400 MHz

RADIOLOCATION

**Government Services** 

IMT Res. 223 (Rev WRC-15)

Subject to the outcome of the sharing and compatibility studies called for by Resolution 223 (WRC 15) currently underway within ITU-R, there might be a need to migrate Radars out of this band. This will be addressed through the update of the migration plan.

# Frequency Band under investigation 3400 to 3600 MHz

FIXED

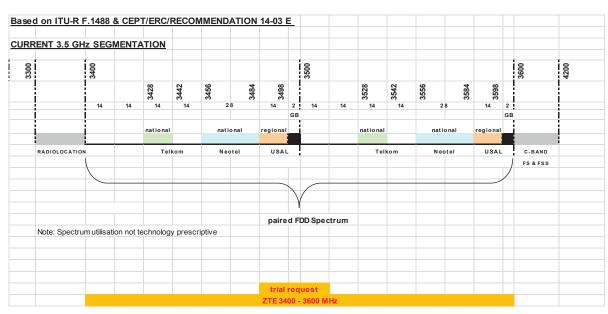
MOBILE

# IMT3500 TDD: 3400 to 3600 MHz

International Mobile Telecommunications Roadmap (Government Gazette Number38213) 14 November 2014. Radio Frequency Assignment Plan (GG No 38640) as amender 30 March 2015. Recommendation ITU-R M. 1036. The band 3400 to 3600 MHz is also used for BFWA in some SADC countries.

GOVERNMENT GAZETTE, 24 AUGUST 2018

Page 198/198



# 1.17.1 Channel Plan for the Frequency Allocation

### 1.17.2 Licensing information for the applicable frequency allocation

See above for more information

End///