#### 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*.

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.

4. 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.

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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.

**RUBBEN MOHLALOGA** 

and a second

**CHAIRPERSON** 

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# Draft Frequency Migration Plan

# August 2018

**Draft Frequency Migration Plan Consultation Document** 

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# PART 1

# **Frequency Migration Regulations Overview**

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#### 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

- (1) 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.

- (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.

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(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

- (1) 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.

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## PART 2

# **Draft Radio Frequency Migration Plan**

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#### 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

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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.

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<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.

#### 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.

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"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.

## 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.

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.

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#### 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.

#### 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

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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.

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#### 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.

<sup>&</sup>lt;sup>5</sup> Section 34 (16) of the Act

### 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:

- 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.

#### 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.

## 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.

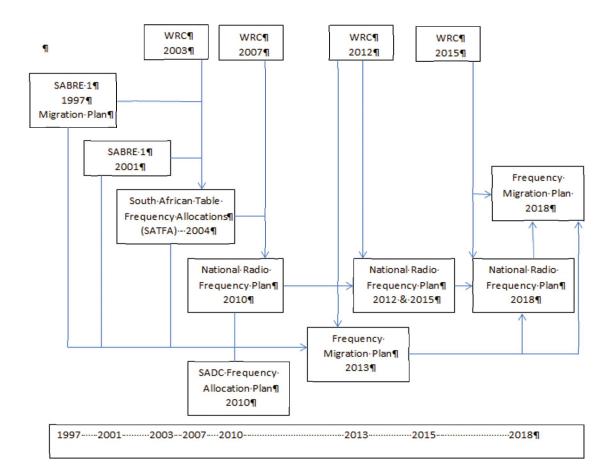


Figure 1 Time Frame and events informing Frequency Migration Plan

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

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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.

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.

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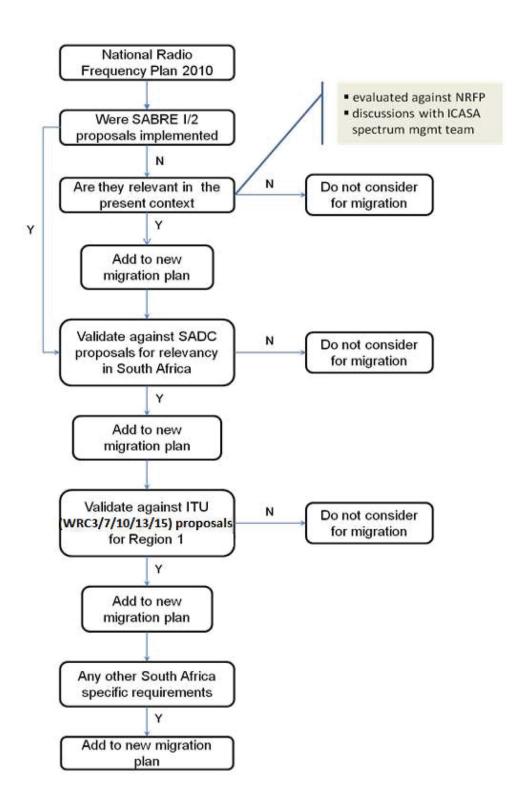


Figure 2 Process for Development of Frequency Migration Plan

#### 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 – Notice 759 of 1997 – which covered 20MHz to 3 GHz (SABRE-1) and 3.4GHz to 3.6 GHz.

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#### 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 2013

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

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.

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# 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.

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<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)

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).

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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.

### 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

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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.

### 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>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.

This gazette is also available free online at www.gpwonline.co.za

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### 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.

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.

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 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

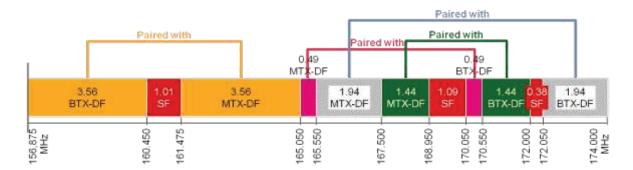


Figure 3 Proposed Allocation 156.875MHz - 174MHz

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.

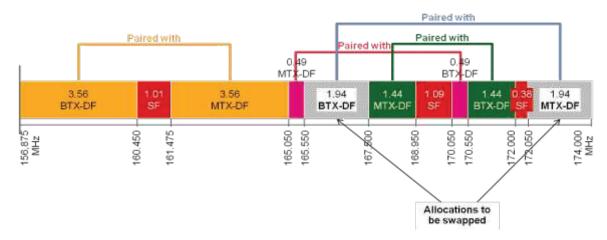


Figure 4 Current situation 156.875MHz - 174MHz

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 sub-allocation / 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.

### 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

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.

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- 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.

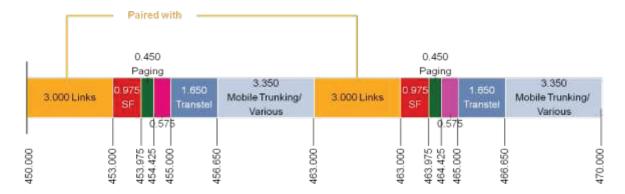


Figure 5 Current assignment 450 - 470 MHz

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

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).

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<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

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### 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.

- 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
- 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)

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### 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.).

- 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.

### 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)

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)
- o Fixed
- Mobile except aeronautical mobile

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### 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

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).

- 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).

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).

- 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.

Table 2 Consolidated list of New ICASA proposals for migration

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

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 1375 – 1400 paired with 1427 – 1452	Allocate for Rural BFWA; migrate existing fixed duplex links out of this band.
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.

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# 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

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<sup>&</sup>lt;sup>18</sup> ICT Regulation Toolkit

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)

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# 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.

Table 3 Bands planned for IMT

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

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.

**Table 4 WRC resolutions** 

Frequency Band (MHz)	WRC	Res. / Rec.	Footnot e	Resolution/ Footnote
5.3515 - 5 3665	15		5.133B	1. 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.).
108 - 117.975	12	413		Use by aeronautical mobile (R)     service without interfering with     existing ARNS systems
450 – 470	7	224		Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz

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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)         <ul> <li>and relevant active services</li> </ul> </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

<b>– 1660.5</b>				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 18. (WRC-15)
161.9875-162.0125 MHz	15		5.228AA	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)
173.7 – 175.1			NF5	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 coordinated and licensed.
403-406 MHz	15	205	5.265	15. Protection of the systems operating in the mobile satellite service in the frequency band 406-406.1 MHz
406-406.1	15	205	5.265	16. Protection of the systems operating in the mobile satellite service in the frequency band 406-406.1 MHz
406.1-410 MHz	15	205	5.265	17. Protection of the systems operating in the mobile satellite

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				-
				service in the frequency band
				406-406.1 MHz
410-420 MHz	15		5.268	18. 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.
432-438 MHz	15		5.279A	19. The use of the frequency band
	15		5.279A	432-438 MHz by sensors in the
				Earth exploration-satellite
				service (active) shall be in
				accordance with
				Recommendation ITU-R
				RS.1260-1
450-455 MHz				20. Frequency bands for the
100 100 11112	15	224	5.286AA	terrestrial component of
				International
				Mobile Telecommunications
				below 1 GHz
455 450 MH-				
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
		<u> </u>	I .	

		<u> </u>		Telecommunications below 1
				GHz
400 470 MILE				
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
			0.200	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,	28. Provisions relating to the use of
	15	224, 700	5.312A, 5.317A	the frequency band 694-790
			5.517A	MHz in Region 1 by the mobile,
				except aeronautical mobile,
				service and by other services
790 – 862 MHz	45	004.740	5.0404	29. Use of the frequency band 790-
	15	224, 749	5.312A,	862 MHz in countries of Region
			5.317A	1 and the Islamic
				Republic of Iran by mobile
				applications and by other
				services
862-890 MHz				30. The parts of the frequency band
002 000 WH 12	15	224,	5.317A	698-960 MHz in Region 2 and
		760 & 749		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-

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			5.328	1 164 MHz by the aeronautical
			0.020	mobile (R) service
4.050.4.400.841-				· ·
1 350-1 400 MHz	15	750		32. Compatibility between the Earth
				exploration-satellite service
				(passive)
				33. and relevant active services
1 427-1 429 MHz	15	223	5,341A	34. Additional frequency bands
			ŕ	identified for International Mobile
				Telecommunications
1 452-1 492 MHz	15	223, 739,	5.346,	35. Additional frequency bands
	10	761	5.208B	identified for International Mobile
		701	J.200D	Telecommunications
				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
1 492-1 518 MHz				37. Additional frequency bands
1 492-1 510 MITZ	15	223	5.341A	identified for International Mobile
				Telecommunications
1 525-1 530 MHz	15	739	5.208B	38. Compatibility between the radio
				astronomy service and the
				active space services in certain
				adjacent and nearby frequency
				bands
1 530-1 535 MHz	15	739	5.208B	39. Compatibility between the radio
				astronomy service and the
				active space services in certain
				adjacent and nearby frequency
				bands
1 535-1 559 MHz	15	739	5.208B	40. Compatibility between the radio
	10	138	J.200D	astronomy service and the
				active space services in certain
				adjacent and nearby frequency
				bands
1 559-1 610 MHz			<b>5</b> 0000	41. Compatibility between the radio
	15	739	5.208B	astronomy service and the
				active space services in certain
				active space services in certain

				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</li> <li>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</li> <li>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</li> <li>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</li> <li>025 MHz and 2 110-2 200 MHz</li> </ul>

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2010 200 = 1 111				
2010-2025 MHz 2110-2120 MHz	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> <li>54. Additional frequency bands</li> </ul>
		,		identified for International Mobile Telecommunications  55. Implementation of International Mobile Telecommunications in the frequency bands 1 885-2  025 MHz and 2 110-2 200 MHz
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</li> <li>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</li> <li>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</li> <li>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

				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,	64. Additional frequency bands
			5.429B	identified for International
			J.429D	65. Mobile Telecommunications
3400-3600 MHz	2004		5.430A	66. The allocation of the frequency
			0.100/1	band 3 400-3 600 MHz to the
				mobile, except aeronautical
				mobile, service is subject to
				agreement obtained under No.
				9.21.
4200-4400 MHz	15	424	5.436,	67. Use of Wireless Avionics Intra-
			5.437	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-

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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	72. 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
5470-5570 MHz	15	229	5.450A	73. 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
5 725-5 830 MHz	15	762	5.150	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
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

7 300-7 375 MHz	15	5.461	76. Additional allocation: the bands 7 250-7 375 MHz (space-to- Earth) and 7 900-8 025 MHz (Earth-to space) are also allocated to the mobile-satellite service on a primary basis, subject to agreement obtained under No. 9.21.
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	81. The use of the frequency bands 9 200-9 300 MHz and 9 900-10 400 MHz by the Earth exploration-satellite service (active) is limited to systems requiring necessary bandwidth greater than 600 MHz that cannot be fully accommodated within the frequency band 9 300- 9 900 MHz

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10-10.4 GHz				82 Stations in the Earth evaluration
10-10.4 GHZ	15		5.474D	82. Stations in the Earth exploration-
			5.479	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)
10.7-10.95 GHz	15		5.441	83. The use of the bands10.7-10.95
	15		J. <del>44</del> I	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.
10.05.44.0.011				
10.95-11.2 GHz	15	155	5.484A	84. Regulatory provisions related to
			5.484B	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
11.2-11.45 GHz	45		E 111	85. The use of the bands 10.7-10.95
	15		5.441	GHz (space-to-Earth), 11.2-
				(133333,7,7,1,2

				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.
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,	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

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15400 – 15700	07	614		92. Use of the band 15.4-15.7 GHz
13400 - 13700	07	014		by the radiolocation service
21.4-22 GHz	15	739	5.208B,	93. Compatibility between the radio
			5.530A	astronomy service and the
				active space services in certain
				adjacent and nearby frequency
				bands
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	95. National Polar-Orbiting
				Operational Environment
				Satellite System (NPOESS)
				Fixed Links (26 GHz) (24.5 –
				26.5 GHz) BFWA (24.5-26.5
07.5.00.5.011				GHz
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				97. Guidelines for the
29.1-29.5 GHZ	15	143		implementation of high-density
				applications in the fixed satellite
				service in frequency bands
				identified for these applications
31-31.3 GHz				98. In making assignments to
0.0.00	15	07	5.149	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

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				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	99. Calculation of unwanted emission levels produced by a non-geostationary fixed satellite service system at radio astronomy sites  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

### **5.3 Other Migration issues**

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

Table 5 Summary of migration issues

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

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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)

## **CONTINUES ON PAGE 386 - PART 4**



# Government Gazette Staatskoerant

Vol. 638

24 August Augustus

2018

No. 41854

**PART 4 OF 5** 

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41854

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## 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.

Table 6 Proposed migration plan

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)	Radio Frequency Migration Plan Government Gazette Number. 36334 (Notice No. 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

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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)	Migration Plan Government Gazette Number. 36334 (Notice No. 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 Radionavigation 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

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 $<sup>^{20}</sup>$  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)

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

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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	Develop Radio Frequency Spectrum Assignment Plan. Band reserved for Public Digital Trunking (New ICASA proposal) Migrate government

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	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 - Migrate 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.	Refer to Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
450 – 455 & 455 – 456 & 456 – 459 &	FIXED MOBILE	Radio Frequency Migration Plan	Radio Frequency Spectrum Assignment

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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)

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Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
790 – 862	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 (Notice No. 648 of 2017)  4) Terrestrial Broadcasting Frequency Plan 2013 Government Gazette Number. 36321 (Notice 298 of 2013) and

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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:

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	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),
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

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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	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 761 (WRC-15) on the "Compatibility of International Mobile Telecommunications and broadcastions-

Frequency Band (MHz)	Existing Allocation in NRFP 2018 (Applications)	Proposed Allocation/ (Utilization)	Notes on migration/ usage
BROADCASTING- BROADCASTING- SATELLITE 5.208B	BROADCASTING- SATELLITE 5.208B		satellite service and performé appropriate regulatory and technical studies, with a view of ensuring the compatibility of IMT and BSS (sound) are undertaken within the ITU-R Res. 223 (Rev.WRC-15)  Refer to:  Radio Frequency Migration Plan Government Gazette Number 36334 (Notice no. 352 of 2013)
1518 – 1525	FIXED  MOBILE-SATELLITE (space-to-earth)	Band is currently not 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

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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)
	(1530 – 1535 MHz)  SPACE OPERATION (space-to-earth)  MOBILE-SATELLITE (space-to-earth)  Earth exploration satellite  Mobile except aeronautical mobile  Fixed (Mobile satellite services)	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

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

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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

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

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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
5.149 5.429 5.429A 5.429B 5.430	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	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. 278 of 2015), IMT 3500
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

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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 be performed. License exempt; Wireless Access Systems / Radio Local Access Network (WAS & RLAN) indoor use only. as per Notice 184 of 2011 Government Gazette 34172 (previously Notice
	(5250 – 5255 MHz)  SPACE RESEARCH  MOBILE except  aeronautical mobile		number 944 of 2008 in Government Gazette 31321)
	(5255 – 5350 MHz)  EARTH EXPLORATION SATELLITE (active)  RADIOLOCATION  SPACE RESEARCH (active)  MOBILE except		

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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))  (5570 – 5650 MHz)  MARITME RADIONAVIGATION  MOBILE except aeronautical mobile  RADIOLOCATION  (5650 – 5725 MHz)  RADIOLOCATION  MOBILE except aeronautical mobile  RADIOLOCATION	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)
	Space Research (deep space)		

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 suballocation/ 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.

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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 suballocation/ 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)

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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.

# **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
ВТХ	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

repeater station	repeater stations that are available for communal use;
service	repeater statione that are available for communal ace,
Cordless Phone	means a portable telephone with a wireless handset that
Cordiess Filone	communicates via radio waves with a base station connected to a
DAD	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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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;
IMT	International Mobile Telecommunications
IMT	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
Systems	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;
MIMO	means Multiple-Input and Multiple-Output is the use of multiple

	automore at both the transmitter and respires to improve
	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;
MTX	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	
PTM	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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	(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
OADO I AI	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
0	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

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	networks, rail transportation staff for train radios, transport services
	and the military. TETRA is an ETSI standard.
TPC	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

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### 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;

- (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.

- (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

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### Appendix C SABRE 2 – 2001

SABRE 2<sup>21</sup> 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

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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.

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### 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.

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### Appendix E National Radio Frequency Plan - 2010 and 2013

The National Radio Frequency Plan 2010<sup>23</sup> updated SATFA 2004<sup>24</sup> and extended the frequency range covered (now 9 kHz - 3000 GHz<sup>25</sup>). 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<sup>26</sup> 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)

- 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).

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# 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.

http://www.crasa.org/crasa-publication/cat/18/regulatory-guidelines/

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 $<sup>\</sup>underline{\text{http://www.crasa.org/common\_up/crasa-setup/10-11-2016\_SADC\%20FREQUENCY\%20ALLOCATION\%20PLAN\%202016.pdf}$ 

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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

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

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### 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
1	75.2 to 87.5 MHz	41164	781 of 2017
2	138 to 143.6 MHz	41164	785 of 2017
3	150.5 to 153 MHz	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	

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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

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### 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

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#### 1.1.1 Channel Plans for the Frequency Allocation

### (Mobile 2) MID-BAND DUPLEX FREQUENCIES CHANNEL PLAN FOR 70-70.9625/75.2-76.1625MHz 2003 (12.5kHz)

CHANNEL	_ PLAN FC	R 70-70.96	25/75.2-76.1625MHz	2003 (12.5kHz)
CHANNEL No.	<u>BTX</u>	MTX	<u>REMARKS</u>	S/GRADE
1	70	75.2		
2	70.0125	75.2125		
3	70.025	75.225		
4	70.0375	75.2375		
5	70.05	75.25		
6 7	70.0625 70.075	75.2625 75.275		
8	70.0875	75.2875		
9	70.1	75.3		
10	70.1125	75.3125		
11	70.125	75.325		
12	70.1375	75.3375		
13	70.15	75.35		
14 15	70.1625 70.175	75.3625 75.375		
16	70.175	75.375		
17	70.2	75.4		
18	70.2125	75.4125		
19	70.225	75.425		
20	70.2375	75.4375		
21	70.25	75.45		
22	70.2625	75.4625		
23 24	70.275 70.2875	75.475 75.4875		
25	70.2875	75.4675		
26	70.3125	75.5125		
27	70.325	75.525		
28	70.3375	75.5375		
29	70.35	75.55		
30	70.3625	75.5625		
31	70.375 70.3875	75.575 75.5875		
32 33	70.3675	75.5675		
34	70.4125	75.6125		
35	70.425	75.625		
36	70.4375	75.6375		
37	70.45	75.65		
38	70.4625	75.6625		
39	70.475	75.675		
40 41	70.4875 70.5	75.6875 75.7		
42	70.5125	75.7125		
43	70.525	75.725		
44	70.5375	75.7375		
45	70.55	75.75		
46	70.5625	75.7625		
CHANNEL No.	BTX	MTX	REMARKS	S/GRADE
4=	70 575			
47 48	70.575	75.775		
48	70.5875 70.6	75.7875 75.8		
50	70.6125	75.8125		
51	70.625	75.825		
52	70.6375	75.8375		
53	70.65	75.85		
54	70.6625	75.8625		
55 56	70.675 70.6875	75.875 75.8875	1	
57	70.6875	75.8875		
58	70.7125	75.9125		
59	70.725	75.925		
60	70.7375	75.9375		
61	70.75	75.95		
62	70.7625	75.9625		
63 64	70.775 70.7875	75.975 75.9875		
65	70.7875	75.9875 76	<del> </del>	
66	70.8125	76.0125		
67	70.825	76.025	1	
68	70.8375	76.0375		
69	70.85	76.05		
70	70.8625	76.0625	ļ	
71	70.875	76.075		
72 73	70.8875 70.9	76.0875 76.1		
73	70.9	76.1		
75	70.9125	76.1125		
76	70.9375	76.1375		
		76.15		
77	70.95			
77	70.95 70.9625	76.1625		

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(Mobile 3) MID-BAND DUPLEX FREQUENCIES CHANNEL PLAN FOR 71.475 - 72.5125/76.925 - 77.9625MHz 2003 (12.5 kHz)

CHANNEL No.	BTX	MTX	<u>REMARKS</u>	S/GRADE	
1	71.475	76.925			
2	71.4875	76.9375			
3 4	71.5 71.5125	76.95 76.9625			
5	71.525	76.975			
6	71.5375	76.9875			
7	71.55	77			
8	71.5625 71.575	77.0125 77.025			
9 10	71.5875	77.0375			
11	71.6	77.05			
12	71.6125	77.0625			
13 14	71.625 71.6375	77.075 77.0875			
15	71.65	77.1			
16	71.6625	77.1125			
17	71.675	77.125			
18	71.6875	77.1375			
19 20	71.7 71.7125	77.15 77.1625			
21	71.725	77.1023			
22	71.7375	77.1875			
23	71.75	77.2			
24	71.7625	77.2125			
25 26	71.775 71.7875	77.225 77.2375			
27	71.7875	77.25			
28	71.8125	77.2625			
29	71.825	77.275			
30 31	71.8375 71.85	77.2875 77.3			
32	71.8625	77.3125			
33	71.875	77.325			
34	71.8875	77.3375			
35	71.9	77.35			
36 37	71.9125 71.925	77.3625 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 77.45			
44	72 72.0125	77.4625			
45	72.025	77.475			
46	72.0375	77.4875			
HANNEL No.	DTV	MTX	REMARKS	S/GRADE	
HAMMEL NO.		IVIIA	REWARKS	3/GRADE	
	BTX				
47	72.05	77.5			
48	72.05 72.0625	77.5125			
48 49	72.05 72.0625 72.075	77.5125 77.525			
48 49 50	72.05 72.0625 72.075 72.0875	77.5125 77.525 77.5375			
48 49	72.05 72.0625 72.075	77.5125 77.525 77.5375 77.55 77.5625			
48 49 50 51 52 53	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125	77.5125 77.525 77.5375 77.55 77.5625 77.575			
48 49 50 51 52 53 54	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375	77.5125 77.525 77.5375 77.55 77.5625 77.575 77.5875			
48 49 50 51 52 53 54 55	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.15	77.5125 77.525 77.5375 77.55 77.5625 77.575 77.5875 77.5876			
48 49 50 51 52 53 54	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375	77.5125 77.525 77.5375 77.55 77.5625 77.575 77.5875			
48 49 50 51 52 53 54 55 56 57 58	72.05 72.0625 72.075 72.0875 72.11 72.1125 72.125 72.1375 72.1625 72.175 72.1875	77.5125 77.525 77.5375 77.555 77.5625 77.575 77.5875 77.627 77.6125 77.625 77.6375			
48 49 50 51 52 53 54 55 56 57 58 59	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.15 72.1625 72.175 72.1875 72.1875	77.5125 77.525 77.525 77.5375 77.565 77.5625 77.5875 77.66 77.6125 77.625 77.6375 77.65			
48 49 50 51 52 53 54 55 56 57 58 59 60	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.1625 72.175 72.1875 72.1875 72.2	77.5125 77.525 77.525 77.5375 77.562 77.5625 77.575 77.6875 77.6125 77.625 77.6375 77.6625			
48 49 50 51 52 53 54 55 56 57 58 59 60 61	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.1625 72.1875 72.1875 72.225	77.5125 77.525 77.525 77.5375 77.5625 77.5625 77.5875 77.60 77.6125 77.625 77.6375 77.665 77.6625 77.6625			
48 49 50 51 52 53 54 55 56 57 58 59 60	72.05 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.1625 72.175 72.1875 72.1875 72.2	77.5125 77.525 77.525 77.5375 77.562 77.5625 77.575 77.6875 77.6125 77.625 77.6375 77.6625			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.1625 72.1875 72.1875 72.125 72.225 72.2375 72.225 72.2375	77.5125 77.525 77.525 77.5376 77.555 77.5625 77.575 77.5875 77.6 77.6125 77.625 77.6375 77.65 77.6625 77.675 77.6875 77.6875			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	72.05 72.0625 72.075 72.0875 72.11 72.1125 72.1375 72.15 72.1625 72.1875 72.2125 72.225 72.225 72.225 72.225 72.225 72.225 72.2625 72.275	77.5125 77.525 77.525 77.5375 77.565 77.5625 77.5875 77.68 77.6125 77.625 77.625 77.625 77.625 77.625 77.6625 77.675 77.675			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	72.05 72.0625 72.075 72.0875 72.1875 72.1125 72.125 72.1375 72.1625 72.1875 72.125 72.2125 72.225 72.2375 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225	77.5125 77.525 77.525 77.5275 77.5875 77.5825 77.5875 77.6 77.6125 77.625 77.6375 77.665 77.665 77.6875 77.6875 77.6875 77.7875			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.1625 72.175 72.1875 72.225 72.225 72.2375 72.25 72.25 72.25 72.2625 72.275 72.2875 72.2875 72.2875 72.2875	77.5125 77.525 77.525 77.5375 77.565 77.565 77.5875 77.6125 77.625 77.625 77.625 77.626 77.626 77.675 77.77.775			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	72.05 72.0625 72.075 72.0875 72.1875 72.1125 72.125 72.1375 72.1625 72.1875 72.125 72.2125 72.225 72.2375 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225 72.225	77.5125 77.525 77.525 77.5275 77.5875 77.5825 77.5875 77.6 77.6125 77.625 77.6375 77.665 77.665 77.6875 77.6875 77.6875 77.7875			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.1375 72.15 72.1625 72.175 72.225 72.225 72.2375 72.25 72.2875 72.2875 72.2875 72.2875 72.3375 72.3375 72.3375 72.3375	77.5125 77.525 77.525 77.5375 77.5625 77.5875 77.6825 77.625 77.625 77.625 77.6625 77.6625 77.6625 77.7.75 77.775 77.775 77.725			
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71	72.05 72.0625 72.0625 72.075 72.0875 72.1 72.1125 72.1375 72.15 72.1625 72.1875 72.1875 72.22 72.2125 72.225 72.225 72.225 72.225 72.225 72.2375 72.265 72.265 72.275 72.2875 72.3375 72.325 72.3375 72.325 72.3375 72.325	77.5125 77.525 77.525 77.525 77.555 77.5625 77.6875 77.625 77.6625 77.675 77.6875 77.765 77.765 77.765 77.765 77.775 77.775 77.775 77.775 77.775 77.775 77.775 77.775 77.775 77.775 77.775 77.7785 77.778			
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	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.1625 72.1875 72.2125 72.225 72.225 72.225 72.225 72.2375 72.2875 72.2875 72.3125 72.3125 72.3375 72.3375 72.335 72.335 72.335 72.35 72.355 72.3625	77.5125 77.525 77.525 77.525 77.525 77.565 77.5875 77.68 77.6125 77.625 77.6625 77.6625 77.675 77.6875 77.77 77.7125 77.7125 77.725 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875			
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	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.15 72.1875 72.1875 72.225 72.225 72.2375 72.2875 72.2875 72.3375 72.3375 72.3375 72.3375 72.3375 72.3375 72.3375 72.3375 72.3375 72.3625 72.3375	77.5125 77.525 77.525 77.525 77.557 77.5625 77.5875 77.6125 77.625 77.625 77.626 77.626 77.627 77.627 77.765 77.77 77.7125 77.725 77.775 77.7825 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7825 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.7875 77.8125 77.8125 77.8125			
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	72.05 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.1625 72.1875 72.2125 72.225 72.225 72.225 72.225 72.2375 72.2875 72.2875 72.3125 72.3125 72.3375 72.3375 72.335 72.335 72.335 72.35 72.355 72.3625	77.5125 77.525 77.525 77.525 77.525 77.525 77.525 77.5875 77.68 77.625 77.625 77.6625 77.675 77.6875 77.765 77.765 77.77.77 77.7125 77.725 77.725 77.785 77.785 77.7875 77.7875 77.7875 77.7875 77.88 77.8125 77.825 77.825 77.8375 77.88			
48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76	72.05 72.0625 72.075 72.0875 72.0875 72.1 72.1125 72.125 72.1375 72.15 72.1625 72.175 72.225 72.225 72.2375 72.225 72.2875 72.375 72.3375 72.3375 72.3625 72.3375 72.3625 72.3375 72.3625 72.3625 72.375 72.3625 72.3875 72.3875 72.3875 72.3875	77.5125 77.525 77.525 77.525 77.557 77.5625 77.5875 77.625 77.625 77.625 77.625 77.625 77.625 77.625 77.625 77.765 77.765 77.765 77.775 77.7125 77.725 77.775 77.7825 77.7875 77.7825 77.7875 77.8125			
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 77	72.05 72.0625 72.0625 72.075 72.0875 72.1125 72.1125 72.1375 72.15 72.1625 72.175 72.1875 72.22 72.2125 72.225 72.225 72.225 72.225 72.225 72.2375 72.265 72.3375 72.35 72.3625 72.375 72.375 72.3875 72.375 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.4425	77.5125 77.525 77.525 77.525 77.525 77.555 77.5875 77.6875 77.625 77.625 77.625 77.6625 77.77.77.77.77.77.77.77.77.77.77.77.77.			
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 77 78	72.05 72.0625 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.15 72.1875 72.1875 72.225 72.225 72.2375 72.2625 72.2875 72.3375 72.3325 72.3325 72.3325 72.3375 72.35 72.3625 72.375 72.3875 72.375 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.44125 72.4425 72.4375	77.5125 77.525 77.525 77.525 77.525 77.525 77.525 77.5875 77.68 77.6125 77.625 77.625 77.6625 77.675 77.6875 77.77 77.7125 77.7725 77.7875 77.7875 77.7875 77.7875 77.7825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.8875 77.8875			
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 77 78	72.05 72.0625 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.15 72.1875 72.1875 72.225 72.2375 72.225 72.2375 72.2875 72.3375 72.3375 72.3375 72.34 72.3425 72.3625 72.375 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.425 72.425 72.425 72.425 72.425 72.425	77.5125 77.525 77.525 77.525 77.555 77.5625 77.5875 77.625 77.625 77.625 77.625 77.625 77.6875 77.6875 77.765 77.775 77.725 77.725 77.725 77.7875 77.785 77.875 77.875 77.825 77.825 77.8375 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825			
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 77 78	72.05 72.0625 72.0625 72.075 72.0875 72.1 72.1125 72.125 72.1375 72.15 72.1875 72.1875 72.225 72.225 72.2375 72.2625 72.2875 72.3375 72.3325 72.3325 72.3325 72.3375 72.35 72.3625 72.375 72.3875 72.375 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.44125 72.4425 72.4375	77.5125 77.525 77.525 77.525 77.525 77.525 77.525 77.5875 77.68 77.6125 77.625 77.625 77.6625 77.675 77.6875 77.77 77.7125 77.7725 77.7875 77.7875 77.7875 77.7875 77.7825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.825 77.8875 77.8875			
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 77 78 79 80	72.05 72.0625 72.0625 72.075 72.0875 72.17 72.1125 72.125 72.1375 72.15 72.1875 72.1875 72.1875 72.22 72.2125 72.225 72.2375 72.2625 72.2625 72.2875 72.3125 72.3375 72.35 72.3625 72.375 72.375 72.375 72.3875 72.375 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.3875 72.4425 72.4425 72.4425 72.4425 72.445	77.5125 77.525 77.525 77.525 77.5375 77.565 77.6875 77.625 77.625 77.625 77.675 77.6875 77.77.77.77.77.77.77.77.77.77.77.77.77.			

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#### MID-BAND SIMPLEX FREQUENCIES

CHANNEL PLAN FOR 72.525 - 73.425MHz 2003 (12.5 kHz
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	L 1 L/ (141 O		70.120Wii 12 2000 ( 12.0 Ki	<u>,</u>	
CHANNEL No.	BTX		<u>REMARKS</u>	S/GRADE	
1	72.525				
2	72.5375				
3	72.55				
4	72.5625				
5	72.575				
6	72.5875				
7	72.6				
8	72.6125				
9	72.625				
10	72.6375				
11	72.65				
12	72.6625				
13	72.675				
14	72.6875				
15	72.7				
16	72.7125				
17	72.725				
18	72.7375				
19	72.75				
20	72.7625				
21	72.775 72.7875				
22	72.7875 72.8				
24	72.8				
25	72.825				
26	72.8375				
27	72.85				
28	72.8625				
29	72.875				
30	72.8875				
31	72.9				
32	72.9125				
33	72.925				
34	72.9375				
35	72.95				
36	72.9625				
37	72.975				
38	72.9875				
39	73				
40	73.0125				
41	73.025				
42	73.0375				
43	73.05				
44	73.0625				
45	73.075				
46	73.0875				
47	73.1				
48	73.1				
49	73.1125				
50	73.1375				
51	73.15				
52	73.1625				
53	73.175				
54	73.1875				
55	73.2				
56	73.2125				
57	73.225				
58	73.2375				
59	73.25				
60	73.2625				
61	73.275				
62	73.2875				
63	73.3				
64	73.3125				
65	73.325				
66	73.3375				
67	73.35				
68	73.3625				
69	73.375				
70	73.3875				
71	73.4 73.4125				
72	13.4125				
		I			

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(Mobile 4) MID-BAND DUPLEX FREQUENCIES	
CHANNEL PLAN FOR 73.425 - 74.8/78.625 - 80MHz 200	3 (12.5kHz

CHANNE	_ PLAN FO	R 73.425 -	74.8/78.625 - 80MHz 20	003 (12.5k	Hz)
CHANNEL 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 6	73.475 73.4875	78.675 78.6875			
7	73.5	78.7			
8 9	73.5125 73.525	78.7125 78.725		1	
10	73.5375	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	73.6875	78.8875			
23 24	73.7 73.7125	78.9 78.9125			
25	73.725	78.925			
26 27	73.7375 73.75	78.9375 78.95			
28	73.7625	78.9625			
29 30	73.775 73.7875	78.975 78.9875			
31	73.8	79 79.0125			
32 33	73.8125 73.825	79.025	<u> </u>		
34 35	73.8375 73.85	79.0375 79.05			
36	73.8625	79.0625			
37 38	73.875 73.8875	79.075 79.0875			
39	73.9	79.1			
40 41	73.9125 73.925	79.1125 79.125			
42	73.9375	79.1375			
43 44	73.95 73.9625	79.15 79.1625	<del> </del>	+ +	
45	73.975	79.175			
46	73.9875	79.1875	1		
CHANNEL No.	BTX	MTX	REMARKS	S/GRADE	
47	74	79.2			
48	74.0125	79.2125			
49 50	74.025 74.0375	79.225 79.2375	<u> </u>		
51	74.05	79.25			
52 53	74.0625 74.075	79.2625 79.275			
54 55	74.0875 74.1	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		1	
62	74.1875	79.3875			
63 64	74.2 74.2125	79.4 79.4125			
65	74.225	79.425			
66 67	74.2375 74.25	79.4375 79.45		7	
68	74.2625	79.4625			
69 70	74.275 74.2875	79.475 79.4875		1	
71	74.3	79.5			
72 73	74.3125 74.325	79.5125 79.525	+	+ +	
74	74.3375	79.5375			
75 76	74.35 74.3625	79.55 79.5625	+		
77	74.375	79.575			
78 79	74.3875 74.4	79.5875 79.6	<u> </u>		
80	74.4125	79.6125			
81 82	74.425 74.4375	79.625 79.6375	<u> </u>		
83 84	74.45 74.4625	79.65 79.6625			
85	74.475	79.675			
86 87	74.4875 74.5	79.6875 79.7			
88	74.5125	79.7125			
89 90	74.525 74.5375	79.725 79.7375		1	
91	74.55	79.75			
92 93	74.5625 74.575	79.7625 79.775			
94	74.5875	79.7875			
95	74.6	79.8	<del> </del>		
0.7	=1.0:	<b>30</b> 5 :			
96 97	74.6125 74.625	79.8125 79.825	+	+ +	
98	74.6375	79.8375			
99 100	74.65 74.6625	79.85 79.8625			
101	74.675	79.875			
102 103	74.6875 74.7	79.8875 79.9	<del> </del>	-	
104	74.7125	79.9125			
105 106	74.725 74.7375	79.925 79.9375	+	+ +	
107	74.75	79.95			
108 109	74.7625 74.775	79.9625 79.975	+	+ +	
110	74.7875	79.9875			

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### (Mobile 5) MID-BAND DUPLEX FREQUENCIES

#### CHANNEL PLAN FOR 77.975 - 78.625/82.975 - 83.625MHz 2003 (12.5 kHz)

CHANNEL No.	<u>BTX</u>	MTX	<u>REMARKS</u>	S/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	78.075	83.075			
10	78.0875	83.0875			
11	78.1	83.1			
12	78.1125	83.1125			
13	78.125	83.125			
14	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	78.325	83.325			
30	78.3375	83.3375			
31	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		İ	
39	78.45	83.45			
40	78.4625	83.4625		İ	
41	78.475	83.475			
42	78.4875	83.4875			
43	78.5	83.5		İ	
44	78.5125	83.5125		İ	
45	78.525	83.525		İ	
46	78.5375	83.5375			
	-	-			
CHANNEL No.	<u>BTX</u>	MTX	<u>REMARKS</u>	S/GRADE	
47	78.55	83.55			
48	78.5625	83.5625			
49	78.575	83.575			
50	78.5875	83.5875		<u> </u>	
51	78.6	83.6			
52	78.6125	83.6125		<u> </u>	
JZ	10.0120	00.0120		L	

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### MID-BAND SIMPLEX FREQUENCIES

CHANNEL PLAN FOR 80.5 - 81MHz 2003 (12.5kHz)

CHANNEL No.	BTX	REMARKS	S/GRADE
1	80.5		
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		
34	80.9125		
35	80.925		
36	80.9375		
37	80.95		
38	80.9625		
39	80.975		
40	80.9875		

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### (Mobile 6) MID-BAND DUPLEX FREQUENCIES

### CHANNEL PLAN FOR 80-80.5/87-87.5MHz 2003 (12.5 kHz)

		1 1 0 0 0 1 0 7 0		<u>=                                 </u>
CHANNEL No.	BTX	MTX	REMARKS	S/GRADE
OT IF THAT IZE TAGE	<u> </u>	MIZ	<u>relivition</u>	O/ O/ U KDL
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		

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			82.975/85.025-86.375N	
NNEL No.	BTX	MTX	REMARKS	S/GRADE
1 2	81.625 81.6375	85.025 85.0375		
3	81.65 81.6625	85.05 85.0625		
5	81.675 81.6875	85.075 85.0875		
7	81.7	85.1		
9	81.7125 81.725	85.1125 85.125		
10 11	81.7375 81.75	85.1375 85.15		
12 13	81.7625 81.775	85.1625 85.175		
14	81.7875	85.1875		
15 16	81.8 81.8125	85.2 85.2125		
17 18	81.825 81.8375	85.225 85.2375		
19 20	81.85 81.8625	85.25 85.2625		
21	81.875	85.275		
22 23	81.8875 81.9	85.2875 85.3		
24 25	81.9125 81.925	85.3125 85.325		
26 27	81.9375 81.95	85.3375 85.35		
28 29	81.9625 81.975	85.3625 85.375		
30	81.9875	85.3875		
31 32	82 82.0125	85.4 85.4125		
33 34	82.025 82.0375	85.425 85.4375		
35 36	82.05	85.45		
37	82.0625 82.075	85.4625 85.475		
38 39	82.0875 82.1	85.4875 85.5		
40 41	82.1125 82.125	85.5125 85.525		
42 43	82.1375 82.15	85.5375 85.55		1
44	82.1625	85.5625	DEMARKO	S/GRADE
HANNEL No.	BTX PLAN FO	MTX OR 81.625 -	REMARKS 82.975/85.025-86.375N	
ANNEL No.	BTX	MTX	<u>REMARKS</u>	S/GRADE
45 46	82.175 82.1875	85.575 85.5875		
47 48	82.2 82.2125	85.6 85.6125		
49	82.225	85.625		
50 51	82.2375 82.25	85.6375 85.65		
52 53	82.2625 82.275	85.6625 85.675		_
54 55	82.2875 82.3	85.6875 85.7		
56 57	82.3125 82.325	85.7125		
58	82.3375	85.725 85.7375		
59 60	82.35 82.3625	85.75 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	85.825		
66 67	82.4375 82.45	85.8375 85.85		
68 69	82.4625 82.475	85.8625 85.875		
70 71	82.4875 82.5	85.8875 85.9		
72	82.5125	85.9125		
73 74	82.525 82.5375	85.925 85.9375		
75 76	82.55 82.5625	85.95 85.9625		
77 78	82.575 82.5875	85.975 85.9875		
79	82.6	86		
80 81	82.6125 82.625	86.0125 86.025		
82 83	82.6375 82.65	86.0375 86.05		
84 85	82.6625 82.675	86.0625 86.075		
86	82.6875	86.0875		
87 88	82.7 82.7125	86.1 86.1125		
89 90	82.725 82.7375	86.125 86.1375		
ANNEL No. HANNEL	BTX PLAN FO	MTX PR 81.625 -	REMARKS 82.975/85.025-86.375N	S/GRADE
IANNEL No.	BTX	MTX	REMARKS	S/GRADE
91 92	82.75 82.7625	86.15 86.1625		
93 94	82.775 82.7875	86.175 86.1875		
95	82.8	86.2		
96 97	82.8125 82.825	86.2125 86.225		
98 99	82.8375 82.85	86.2375 86.25		
100	82.8625 82.875	86.2625 86.275		
				+
101 102	82.8875	86.2875		_
101 102 103 104	82.8875 82.9 82.9125	86.3 86.3125		
101 102 103	82.8875 82.9	86.3		

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## (Mobile 7) MID-BAND DUPLEX FREQUENCIES CHANNEL PLAN FOR 81 - 8.62/86.375-87MHz 2003 (12.5 kHz)

CHANNEL	<u> PLAN F</u>	OR 81 - 8	.62/86.375-87MHz 2003 (12.5	KHZ)
CHANNEL No.	<u>BTX</u>	MTX	<u>REMARKS</u>	S/GRADE
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	Livestock & Wildine protection Warte NoA	
12	81.1375	86.5125		
13	81.15	86.525		
14	81.1625	86.5375		
15				
16	81.175	86.55	Livesteels 8 Mildlife protection NADC DCA	
17	81.1875	86.5625	Livestock & Wildlife protection NARC RSA	
	81.2	86.575		
18 19	81.2125	86.5875		
	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		
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		
47	81.575	86.95		
48	81.5875	86.9625		
49	81.6	86.975		
50	81.6125	86.9875		

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MID-BAND SIMPLEX FREQUENCIES CHANNEL PLAN FOR 83.625 - 85.025MHz 2003 (12.5 kHz)

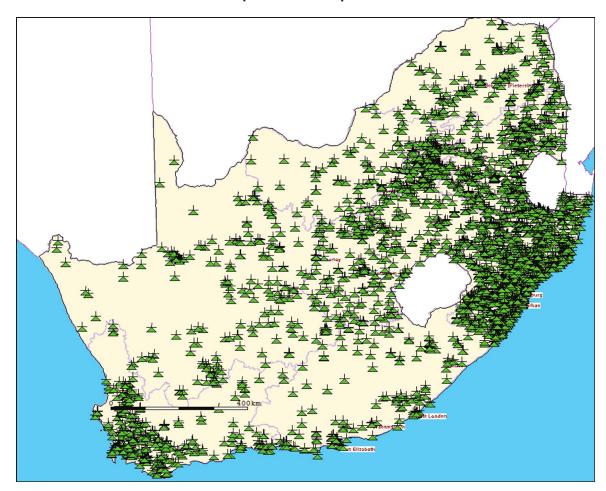
	LPLANFO		
CHANNEL No.	BTX	REMARKS	S/GRADE
010 (141422 140.	5.77	TALIAN TITLE	<u> </u>
1	83.625		
2	83.6375		
3 4	83.65 83.6625		
5	83.675		
6	83.6875		
7	83.7		
8	83.7125		
9	83.725		
10 11	83.7375 83.75		
12	83.7625		
13	83.775		
14	83.7875		
15	83.8		
16	83.8125		
17	83.825		
18 19	83.8375 83.85		
20	83.8625		
21	83.875		
22	83.8875		
23	83.9		
24	83.9125		
25	83.925		
26 27	83.9375 83.95		
28	83.9625		
29	83.975		
30	83.9875		
31	84		
32	84.0125		
33	84.025		
34	84.0375		<b> </b>
35 36	84.05 84.0625		<b> </b>
37	84.075	<del>                                     </del>	l
38	84.0875		
39	84.1		
40	84.1125		
41	84.125		
42	84.1375	+ +	-
43 44	84.15 84.1625		l
45	84.175	<del>                                     </del>	l
46	84.1875		
CHANNEL No.	BTX	REMARKS	S/GRADE
47	84.2		
48 49	84.2125 84.225		
50	84.2375		
51	84.25		
52	84.2625		
53	84.275		
54	84.2875		
55	84.3		
56 57	84.3125		
57	84.325		
	84 3375		
58 59	84.3375 84.35		
	84.3375 84.35 84.3625		
59 60 61	84.35 84.3625 84.375		
59 60 61 62	84.35 84.3625 84.375 84.3875		
59 60 61 62 63	84.35 84.3625 84.375 84.3875 84.4		
59 60 61 62 63 64	84.35 84.3625 84.375 84.3875 84.4 84.4125		
59 60 61 62 63 64 65	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425		
59 60 61 62 63 64 65 66	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375		
59 60 61 62 63 64 65	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425		
59 60 61 62 63 64 65 66 67 68 69	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.425 84.45 84.45 84.4625 84.475		
59 60 61 62 63 64 65 66 67 68 69 70	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.45 84.475 84.475 84.4875		
59 60 61 62 63 64 65 66 67 68 69 70	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.45 84.45 84.475 84.4875 84.4875 84.4875		
59 60 61 62 63 64 65 66 67 68 69 70 71 72	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.4525 84.475 84.4875 84.4875 84.5125		
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.45 84.4625 84.475 84.475 84.475 84.475 84.475 84.5125 84.5125		
59 60 61 62 63 64 65 66 67 68 69 70 71 72	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.4525 84.475 84.4875 84.4875 84.5125		
59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	84.35 84.3625 84.375 84.375 84.4 84.4125 84.4125 84.4375 84.45 84.4625 84.475 84.485 84.5125 84.5125 84.5375 84.55 84.55		
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.525 84.525 84.5375 84.5375 84.55 84.55 84.55		
59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 72 73 74 75 76 77 78	84.35 84.3625 84.375 84.3875 84.4125 84.4125 84.425 84.4375 84.4625 84.4625 84.475 84.5125 84.5125 84.5375 84.5375 84.5625 84.575 84.575 84.575		
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78	84.35 84.3625 84.375 84.3875 84.475 84.4125 84.425 84.425 84.4375 84.465 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.5375 84.55 84.55 84.55		
59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 72 73 74 75 76 77 78	84.35 84.3625 84.375 84.3875 84.4125 84.4125 84.425 84.4375 84.4625 84.4625 84.475 84.5125 84.5125 84.5375 84.5375 84.5625 84.575 84.575 84.575		
59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 88 80 81 82	84.35 84.3625 84.375 84.3875 84.475 84.4125 84.425 84.4375 84.45 84.4625 84.4625 84.475 84.5125 84.5125 84.5125 84.525 84.525 84.5375 84.55 84.535 84		
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83	84.35 84.3625 84.375 84.3875 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.525 84.525 84.525 84.5375 84.55 84.55 84.55 84.55 84.525 84.5375 84.65 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125		
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 78 79 80 81 82 83	84.35 84.3625 84.375 84.3875 84.4 84.4125 84.425 84.4375 84.45 84.45 84.45 84.45 84.5125 84.5125 84.525 84.525 84.525 84.525 84.5375 84.525 84.5375 84.5375 84.63875 84.63875 84.6375 84.6375 84.6375 84.6375 84.6375 84.6375 84.6375 84.6375 84.6375 84.6375		
59 60 61 62 63 64 65 66 67 67 70 71 72 73 74 75 76 80 81 82 83 84 85	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.4625 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125 84.6125		
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 88 81 82 83 84 85 86	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.4375 84.45 84.4625 84.4575 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.612		
59 60 61 62 63 64 65 66 67 67 70 71 72 73 74 75 76 80 81 82 83 84 85	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.4525 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.625 84.6375 84.		
59 60 61 62 63 64 65 66 67 67 70 71 72 73 74 75 76 80 81 82 83 84 85 86 87 88	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.475 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.6375 84.7325 84.7325 84.7325 84.7325 84.7325		
59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81 82 83 84 85 86 87 88	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.425 84.455 84.4625 84.475 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.6125 84.7125 84.7125		
59 60 61 62 63 64 65 66 67 67 68 69 69 70 71 72 73 74 75 76 80 81 82 83 84 85 86 87 88 89 90	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.625 84.6375 84.625 84.6375 84.6375 84.658		
59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 82 83 84 85 86 87 88 89 90	84.35 84.3625 84.375 84.375 84.475 84.425 84.425 84.425 84.425 84.455 84.455 84.475 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.5125 84.6125 84.7125 84.7125 84.7125 84.7125 84.7125 84.7125 84.7125 84.7125		
59 60 61 62 63 64 65 66 67 67 68 69 70 71 71 73 74 75 76 80 81 82 83 84 85 86 87 88 89 90 91	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.475 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.6375 84.7375 84.738		
59 60 61 62 63 64 65 66 67 67 68 69 70 71 71 73 74 75 76 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.45 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.6375 84.6625 84.6375 84.6375 84.6375 84.6375 84.7375 84.775 84.775 84.775 84.775 84.775 84.775		
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 84 85 86 87 88 89 90 91 92 93 94	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.425 84.455 84.455 84.455 84.525 84.525 84.5375 84.525 84.5375 84.525 84.5375 84.6125 84.7125 84.7125 84.775 8		
59 60 61 62 63 64 65 66 67 67 68 69 70 71 71 73 74 75 76 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.45 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.6375 84.6625 84.6375 84.6375 84.6375 84.6375 84.7375 84.775 84.775 84.775 84.775 84.775 84.775	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNIEL NO.	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.457 84.45 84.45 84.475 84.525 84.525 84.5375 84.525 84.5375 84.625 84.6375 84.625 84.6375 84.6375 84.6375 84.6375 84.7375 84.7375 84.7375 84.7375 84.7375 84.775	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 67 68 69 69 70 71 72 73 73 78 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 6 CHANNIEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.625 84.6375 84.625 84.6375 84.625 84.6375 84.775 84.775 84.775 84.775 84.775 84.775 84.775 84.775 84.7875 84.8125	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 80 81 82 83 84 85 86 89 90 91 92 93 94 95 96 CHANNIEL NO.	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.425 84.45 84.475 84.475 84.525 84.525 84.5375 84.525 84.5375 84.625 84.6375 84.626 84.6375 84.6375 84.77 84.77 84.77 84.77 84.77 84.775	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 78 79 80 81 82 83 84 85 86 87 88 90 91 92 93 94 95 6 CHANNIEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.45 84.475 84.525 84.525 84.525 84.525 84.575 84.625 84.625 84.625 84.625 84.625 84.675 84.675 84.725 84.725 84.775 84.775 84.775 84.775 84.775 84.775 84.875	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 67 67 71 71 72 73 73 74 75 78 80 81 82 83 84 85 86 87 88 99 90 91 92 93 94 95 6 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.45 84.475 84.525 84.525 84.525 84.575 84.625 84.625 84.625 84.625 84.625 84.675 84.675 84.775 84.775 84.775 84.775 84.775 84.775 84.875 84.8125 84.825 84.8375	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNEL No.	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.4625 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.525 84.5375 84.6625 84.6375 84.6625 84.6375 84.675 84.775	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.45 84.475 84.475 84.45 84.475 84.525 84.525 84.525 84.525 84.525 84.525 84.625 84.625 84.625 84.625 84.625 84.675 84.675 84.775 84.775 84.775 84.775 84.775 84.775 84.875 84.8125 84.825 84.8375 84.8375 84.8375	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 89 90 91 92 94 95 96 CHANNEL No. 97 98 99 100 101 102 103 104	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.425 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.525 84.5375 84.6625 84.6375 84.6625 84.675 84.775 84.775 84.7875 84.775 84.7875 84.8825 84.8375 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875	REMARKS	s/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 77 78 79 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.4375 84.45 84.475 84.475 84.475 84.525 84.625 84.625 84.625 84.625 84.625 84.625 84.625 84.7375 84.735 84.8375 84.8375 84.8375 84.8375 84.8375 84.8375 84.8375 84.875 84.875 84.875 84.875	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 89 90 91 92 92 94 94 95 CHANNEL No. 97 98 99 100 101 102 103 104 105 106	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.425 84.4375 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.55 84.55 84.55 84.6525 84.6525 84.675 84.675 84.675 84.675 84.775 84.785 84.885	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 77 78 79 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.47 84.4125 84.425 84.425 84.425 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.55 84.55 84.55 84.6525 84.6525 84.675 84.675 84.675 84.675 84.675 84.875 84.775 84.785 84.885 84.8125 84.8375 84.885 84.8125 84.875 84.8875 84.8875 84.8875 84.8875 84.995 84.995	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 75 77 78 79 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.4375 84.45 84.475 84.475 84.475 84.525 84.525 84.525 84.525 84.525 84.575 84.625 84.625 84.625 84.625 84.625 84.725 84.725 84.7375 84.735 84.818 84.8125	REMARKS	S/GRADE
59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 89 90 91 92 92 94 94 95 96 97 98 99 90 100 101 102 103 104 105 106 107 108	84.35 84.3625 84.375 84.375 84.475 84.425 84.425 84.425 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.55 84.55 84.55 84.55 84.65 84.65 84.65 84.675 84.675 84.675 84.875 84.725 84.725 84.725 84.735 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.885 84.875 84.885 84.875 84.885 84.8875 84.885 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8925 84.9925 84.9925 84.99375 84.9925	REMARKS	<u>s/GRADE</u>
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 75 77 78 79 80 81 82 83 84 85 86 87 89 90 91 92 93 94 95 96 CHANNEL NO.	84.35 84.3625 84.375 84.375 84.475 84.4125 84.425 84.4375 84.45 84.475 84.475 84.475 84.525 84.525 84.525 84.525 84.575 84.625 84.625 84.625 84.625 84.625 84.725 84.725 84.7375 84.8375 84.8375 84.8375 84.8375 84.8375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375 84.9375	REMARKS	S/GRADE
59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 89 90 91 92 92 92 92 93 94 94 91 91 92 92 92 91 94 94 95 96 CHANNEL No.	84.35 84.3625 84.375 84.375 84.475 84.425 84.425 84.425 84.475 84.475 84.475 84.525 84.525 84.5375 84.55 84.55 84.55 84.55 84.55 84.65 84.65 84.65 84.675 84.675 84.675 84.875 84.725 84.725 84.725 84.735 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.875 84.885 84.875 84.885 84.875 84.885 84.8875 84.885 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8875 84.8925 84.9925 84.9925 84.99375 84.9925	REMARKS	S/GRADE

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#### 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 MHz

**FIXED** 

**MOBILE** 

Frequency Sub bands

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#### 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	REQUENCYMOB	ILE	
<u> </u>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
		R 141 - 141.5MHz 2002 (12.5kHz)	
CH. No.	SF	REMARKS	S/Gr.
1	141	NOT AVAILABLE	NON
2	141.0125	AVAILABLE	Α
3	141.025	NOT AVAILABLE	NON
4	141.0375	AVAILABLE	С
5	141.05	NOT AVAILABLE	NON
6	141.0625	AVAILABLE	Α
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	Α
15	141.175	NOT AVAILABLE	NON
16	141.1875	AVAILABLE	С
17	141.2	NOT AVAILABLE	NON
18	141.2125	AVAILABLE	A
19	141.225	NOT AVAILABLE	NON
20	141.2375	AVAILABLE	С
21	141.25	NOT AVAILABLE	NON
22	141.2625	AVAILABLE	A
23	141.275	NOT AVAILABLE	NON
24	141.2875	AVAILABLE	С
25	141.3	NOT AVAILABLE	NON
26	141.3125	AVAILABLE	A
27	141.325	NOT AVAILABLE	NON
28	141.3375	AVAILABLE	C
29	141.35	NOT AVAILABLE	NON
30	141.3625	AVAILABLE	A
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

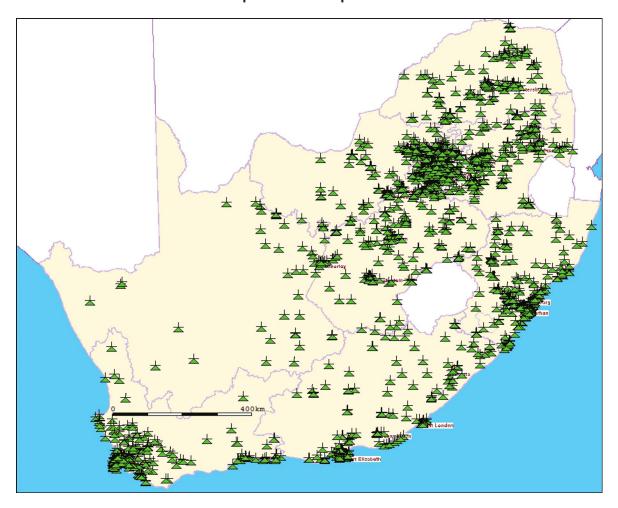
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Channel plan for SF 140.5 to 141 is similar to this channel plan.

#### 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.



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### 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

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#### 1.3.1 Channel Plan for the Frequency Allocation

VHF-H	IGH BAND	SIMPLEX FF	REQ	<u>UENCIES</u>	
CHANI	NEL PLAN	FOR 148.95 -	- 151	1 MHz 2004 (1	2.5kHz)
CH. No.	SF	REMARKS		S/Gr.	
2	148.95 148.9625				
3	148.975				
5	148.9875 149				
6 7	149.0125				
8	149.025 149.0375				
9	149.05				
10 11	149.0625 149.075				
12 13	149.0875 149.1				
14	149.1125				
15 16	149.125 149.1375				
17	149.15				
18 19	149.1625 149.175				
20	149.1875				
21	149.2 149.2125				
23	149.225				
24 25	149.2375 149.25				
26 27	149.2625 149.275	<u> </u>		<u> </u>	
28	149.2875				
29 30	149.3 149.3125				
31	149.325				
32 33	149.3375 149.35				
34	149.3625				
35 36	149.375 149.3875				
37	149.4				
38 39	149.4125 149.425				
40	149.4375				
41 42	149.45 149.4625				
43 44	149.475 149.4875				
45	149.5				
46	149.5125				
CHANI	NEL PLAN	FOR 148.95 -	- 151	1MHz 2004 (1	2.5kHz)
CH. No.	SF	REMARKS		S/Gr.	ĺ
47 48	149.525 149.5375				
49 50	149.55 149.5625				
51	149.575				
52 53	149.5875 149.6				
54	149.6125				
55 56	149.625 149.6375				
57	149.65				
58 59	149.6625 149.675				
60	149.6875				
61 62	149.7 149.7125				
63	149.725				
64 65	149.7375 149.75				
66 67	149.7625 149.775				
68	149.7875				
69 70	149.8 149.8125				
71	149.825				
72 73	149.8375 149.85				
74	149.8625				
75 76	149.875 149.8875				
77	149.9				
78 79	149.9125 149.925				
80	149.9375				
81 82	149.95 149.9625				
83	149.975				
84 85	149.9875 150				
86	150.0125 150.025				
87 88	150.025 150.0375				
89 90	150.05				
91	150.0625 150.075				
92	150.0875	· · ·		·	
93	150.1				

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CHANI	NEL PLAN	FOR 148.95 - 1	151MHz 2004
CH. No.	SF	REMARKS	S/Gr.
94	150.1125		
95	150.125		
96	150.1375		
97 98	150.15		
99	150.1625 150.175		
100	150.1875		
101	150.2		
102	150.2125		
103	150.225		
104	150.2375		
105	150.25		
106	150.2625		
107	150.275		
108	150.2875		
109 110	150.3 150.3125		
111	150.325		
112	150.3375		
113	150.35		
114	150.3625		
115	150.375		
116	150.3875		
117	150.4		
118	150.4125		
119	150.425		
120	150.4375		
121 122	150.45 150.4625		
123	150.475		
124	150.4875		
125	150.5		
126	150.5125		
127	150.525		
128	150.5375		
129	150.55		
130	150.5625		
131	150.575		
132 133	150.5875 150.6		
134	150.6125		
135	150.625		
136	150.6375		
137	150.65		
138	150.6625		
139	150.675		
140	150.6875		
141	150.7		
			4 = 4 1 4 1 1 2 2 2 2 4
	NEL PLAN	FOR 148.95 - 1	151MHz 2004
CH. No.	SF	REMARKS	S/Gr.
142	150.7125		
143	150.725		
144	150.7375		
145 146	150.75 150.7625		
146	150.775		
148	150.775		
149	150.8		
150	150.8125		
151	150.825		
152	150.8375		
153	150.85		
154	150.8625		
155	150.875		
156	450 00==		1
	150.8875		
157	150.9		
157 158	150.9 150.9125		
157 158 159	150.9 150.9125 150.925		
157 158	150.9 150.9125		
157 158 159 160	150.9 150.9125 150.925 150.9375		
157 158 159 160 161	150.9 150.9125 150.925 150.9375 150.95		

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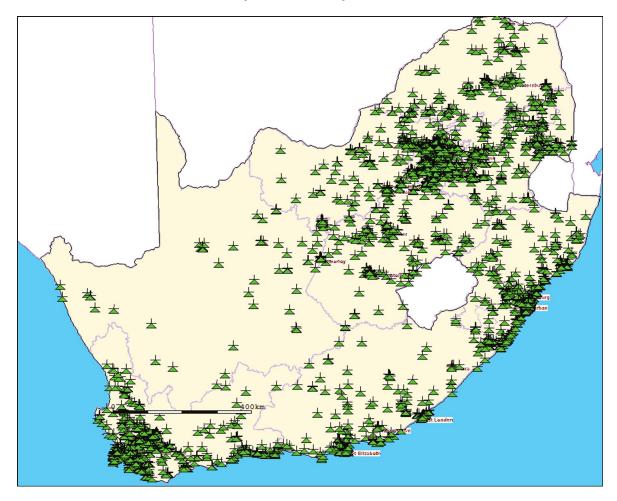
HF-HIG	H BAND SIM	PLEX FREQUENCIES	
LIANNIE		R 151 - 152.05MHz 2007	
CH. No.	SF	R 151 - 152.05MHZ 2007 REMARKS	S/Gr
1	151	REWARKS	3/61
2	151.0125		
3	151.025		
4	151.0375		
5	151.05		
6	151.0625		
7	151.075		
9	151.0875 151.1		
10	151.1125		
11	151.125		
12	151.1375		
13	151.15		
14	151.1625		
15	151.175		
16	151.1875		
17 18	151.2 151.2125		
19	151.225		_
20	151.2375		
21	151.25		
22	151.2625		
23	151.275		
24	151.2875		
25	151.3		
26 27	151.3125 151.325		
28	151.3375		
29	151.35		
30	151.3625		
31	151.375		
32	151.3875		
33	151.4		
34	151.4125		
35 36	151.425 151.4375		
37	151.45		
38	151.4625		
39	151.475		
40	151.4875		
41	151.5		
42	151.5125		
43 44	151.525		
45	151.5375 151.55		_
46	151.5625		
ĺ			
HANNE	EL PLAN FOR	R 151 - 152.05MHz 2007	
CH. No.	SF	REMARKS	S/Gr
47	151.575		
48	151.5875		
49	151.6		
50	151.6125		
51	151.625		
52 53	151.6375 151.65		
54	151.6625		
55	151.675		
56	151.6875		
57	151.7		
58	151.7125		
59	151.725		
60	151.7375	<u> </u>	
61 62	151.75 151.7625		
63	151.7625		
64	151.7875		
65	151.8		
66	151.8125		
	151.825		
67	151.8375		
68		<u> </u>	
68 69	151.85		
68 69 70	151.8625		
68 69 70 71	151.8625 151.875		
68 69 70 71 72	151.8625 151.875 151.8875		
68 69 70 71	151.8625 151.875 151.8875 151.9		
68 69 70 71 72 73 74 75	151.8625 151.875 151.8875 151.9 151.9125 151.925		
68 69 70 71 72 73 74 75 76	151.8625 151.875 151.8875 151.9 151.9125 151.925 151.9375		
68 69 70 71 72 73 74 75 76	151.8625 151.875 151.8875 151.9 151.9125 151.925 151.9375 151.95		
68 69 70 71 72 73 74 75 76 77 78	151.8625 151.875 151.8875 151.9875 151.9125 151.925 151.925 151.9375 151.9625		
68 69 70 71 72 73 74 75 76 77 78 79	151.8625 151.875 151.875 151.8875 151.9 151.9125 151.925 151.9375 151.9625 151.975		
68 69 70 71 72 73 74 75 76 77 78 79	151.8625 151.875 151.8875 151.9 151.9125 151.925 151.9375 151.95 151.9625 151.975		
68 69 70 71 72 73 74 75 76 77 78 80 81	151.8625 151.875 151.8875 151.9875 151.9125 151.925 151.9275 151.925 151.9625 151.975 151.9875		
68 69 70 71 72 73 74 75 76 77 78 79	151.8625 151.875 151.8875 151.9 151.9125 151.925 151.9375 151.95 151.9625 151.975		

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#### 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.



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### 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)

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#### 1.4.1 Channel Plan for the Frequency Allocation

#### (Mobile 3) HIGH-BAND DUPLEX FREQUENCIES

HANNEL No.   BTX   MTX   REMARKS   S/GRADE	CHANNEL	,	R 156 - 156	6.875_160.6 - 160.975MI	Hz 2007 (12.5kH	<u>z)</u>
1 156 160.6 MARITIME SEE ITU AP 18-3 2 156.025 160.625 MARITIME SEE ITU AP 18-3 3 156.05 160.65 MARITIME SEE ITU AP 18-3 4 156.075 160.675 MARITIME SEE ITU AP 18-3 5 156.1 160.7 MARITIME SEE ITU AP 18-3 6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.75 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 10 156.225 160.85 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 19 156.64 MARITIME SEE ITU AP 18-3 11 156.55 MARITIME SEE ITU AP 18-3 11 156.55 MARITIME SEE ITU AP 18-3 11 156.55 MARITIME SEE ITU AP 18-3 12 156.55 MARITIME SEE ITU AP 18-3 13 156.55 MARITIME SEE ITU AP 18-3 14 156.55 MARITIME SEE ITU AP 18-3 15 156.55 MARITIME SEE ITU AP 18-3 16 156.575 MARITIME SEE ITU AP 18-3 17 156.6 MARITIME SEE ITU AP 18-3 18 156.55 MARITIME SEE ITU AP 18-3 20 156.675 MARITIME SEE ITU AP 18-3 21 156.55 MARITIME SEE ITU AP 18-3 22 156.55 MARITIME SEE ITU AP 18-3 23 156.65 MARITIME SEE ITU AP 18-3 24 156.57 MARITIME SEE ITU AP 18-3 25 156.6 MARITIME SEE ITU AP 18-3 26 156.65 MARITIME SEE ITU AP 18-3 27 156.6 MARITIME SEE ITU AP 18-3 28 156.7 MARITIME SEE ITU AP 18-3 39 156.7 MARITIME SEE ITU AP 18-3 30 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 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	OLIANNE: N	DT/	NAT'	DEMARKS	0/00405	
2 156.025 160.625 MARITIME SEE ITU AP 18-3 3 156.05 160.65 MARITIME SEE ITU AP 18-3 4 156.075 160.675 MARITIME SEE ITU AP 18-3 5 156.1 160.7 MARITIME SEE ITU AP 18-3 6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.775 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 10 156.25 160.825 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 21 156.55 MARITIME SEE ITU AP 18-3 22 156.55 MARITIME SEE ITU AP 18-3 23 156.55 MARITIME SEE ITU AP 18-3 24 156.65 MARITIME SEE ITU AP 18-3 25 156.65 MARITIME SEE ITU AP 18-3 26 156.65 MARITIME SEE ITU AP 18-3 27 156.65 MARITIME SEE ITU AP 18-3 28 156.75 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 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.8375 MARITIME SEE ITU AP 18-3	JHANNEL No.	RIX	MIX	<u>REMARKS</u>	S/GRADE	
2 156.025 160.625 MARITIME SEE ITU AP 18-3 3 156.05 160.65 MARITIME SEE ITU AP 18-3 4 156.075 160.675 MARITIME SEE ITU AP 18-3 5 156.1 160.7 MARITIME SEE ITU AP 18-3 6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.775 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 10 156.25 160.825 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 21 156.55 MARITIME SEE ITU AP 18-3 22 156.55 MARITIME SEE ITU AP 18-3 23 156.55 MARITIME SEE ITU AP 18-3 24 156.65 MARITIME SEE ITU AP 18-3 25 156.65 MARITIME SEE ITU AP 18-3 26 156.65 MARITIME SEE ITU AP 18-3 27 156.65 MARITIME SEE ITU AP 18-3 28 156.75 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 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.85 MARITIME SEE ITU AP 18-3 31 156.8375 MARITIME SEE ITU AP 18-3	1	156	160.6	MADITIME SEE ITH AD 19.3		
3 156.05 160.65 MARITIME SEE ITU AP 18-3 4 156.075 160.675 MARITIME SEE ITU AP 18-3 5 156.1 160.75 MARITIME SEE ITU AP 18-3 6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.75 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 10 156.225 160.85 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 15 156.35 160.92 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 22 156.55 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 26 156.65 MARITIME SEE ITU AP 18-3 27 156.6 MARITIME SEE ITU AP 18-3 28 156.75 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 1						
4 156.075 160.675 MARITIME SEE ITU AP 18-3 5 156.1 160.7 MARITIME SEE ITU AP 18-3 6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.75 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 21 156.55 MARITIME SEE ITU AP 18-3 22 156.55 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 28 156.75 MARITIME SEE ITU AP 18-3 29 156.7 MARITIME SEE ITU AP 18-3 20 156.65 MARITIME SEE ITU AP 18-3 21 156.65 MARITIME SEE ITU AP 18-3 22 156.65 MARITIME SEE ITU AP 18-3 23 156.57 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 28 156.75 MARITIME SEE ITU AP 18-3 30 156.725 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3 31 156.80 MARITIME SEE ITU AP 18-3						
5         156.1         160.7         MARITIME SEE ITU AP 18-3           6         156.125         160.725         MARITIME SEE ITU AP 18-3           7         156.15         160.75         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           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     <						
6 156.125 160.725 MARITIME SEE ITU AP 18-3 7 156.15 160.75 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 11 156.25 160.875 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 21 156.55 MARITIME SEE ITU AP 18-3 22 156.525 MARITIME SEE ITU AP 18-3 23 156.55 MARITIME SEE ITU AP 18-3 24 156.55 MARITIME SEE ITU AP 18-3 25 156.6 MARITIME SEE ITU AP 18-3 26 156.65 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 20 156.675 MARITIME SEE ITU AP 18-3 21 156.65 MARITIME SEE ITU AP 18-3 22 156.65 MARITIME SEE ITU AP 18-3 23 156.675 MARITIME SEE ITU AP 18-3 24 156.675 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 28 156.75 MARITIME SEE ITU AP 18-3 30 156.725 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.75 MARITIME SEE ITU AP 18-3 31 156.8 MARITIME SEE ITU AP 18-3 31 156.8 MARITIME SEE ITU AP 18-3 35 156.825 MARITIME SEE ITU AP 18-3 36 156.8375 MARITIME SEE ITU AP 18-3						
7         156.15         160.75         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         156.255         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         156.35         160.95         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         156.45         MARITIME SEE ITU AP 18-3           18         156.425         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         156.55         MARITIME SEE ITU AP 18-3           23         156.55         MARITIME SEE ITU AP 18-3           24         156.65         MARITIME SEE ITU AP 18-3           25         1	-					
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#### 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

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#### 1.4.3 Areas where licensed frequencies are operational.



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### 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

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# 1.5.1 Channel Plan for the Frequency Allocation

H PLA	N FOR 390	-399,9875	380-389.9875MHz 2006
CH. No.	BTX	MTX	REMARKS
0	390	380	
1	390.025	380.025	SAPS DMO 1
3	390.05	380.05	CARC DMC 4
4	390.075 390.1	380.075 380.1	SAPS DMO 1
5	390.125	380.125	SAPS DMO 1
6	390.15	380.15	
7	390.175	380.175	SAPS DMO 1
8	390.2	380.2	
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	CALL C SING 1
13	390.325	380.325	SAPS DMO 1
14	390.35	380.35	
15	390.375	380.375	SAPS DMO 1
16 17	390.4 390.425	380.4 380.425	SAPS DMO 1
18	390.45	380.45	CAL C DIVIC 1
19	390.475	380.475	SAPS DMO 1
20	390.5	380.5	TETRA SAPS
21	390.525	380.525	TETRA SAPS
22	390.55	380.55	TETRA SAPS
23 24	390.575 390.6	380.575 380.6	TETRA SAPS TETRA SAPS
25	390.625	380.625	TETRA SAPS
26	390.65	380.65	TETRA SAPS
27	390.675	380.675	TETRA SAPS
28	390.7	380.7	TETRA SAPS
29 30	390.725 390.75	380.725 380.75	TETRA SAPS TETRA SAPS
31	390.75	380.75	TETRA SAPS
32	390.8	380.8	TETRA SAPS
33	390.825	380.825	TETRA SAPS
34	390.85	380.85	TETRA SAPS
35	390.875 390.9	380.875 380.9	TETRA SAPS TETRA SAPS
36 37	390.925	380.925	TETRA SAPS
38	390.95	380.95	TETRA SAPS
39	390.975	380.975	TETRA SAPS
40	391	381	TETRA SAPS
41	391.025	381.025	TETRA SAPS
42 43	391.05 391.075	381.05 381.075	TETRA SAPS TETRA SAPS
H. No.	BTX N FOR 390		REMARKS 380-389.9875MHz 2006
CH. No.	N FOR 390-	-399.9875_ MTX	REMARKS 380-389.9875MHz 2006 REMARKS
H PLA  CH. No.  45 46	N FOR 390- BTX 391.1 391.125	-399.9875 MTX 381.1 381.125	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47	N FOR 390- BTX 391.1 391.125 391.15	-399.9875 MTX 381.1 381.125 381.15	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48	N FOR 390- BTX 391.1 391.125 391.15 391.175	-399.9875 MTX 381.1 381.125 381.15 381.175	REMARKS  380-389.9875MHz 2006  REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.2	-399.9875 MTX 381.1 381.125 381.15 381.175 381.2	REMARKS  380-389.9875MHz 2006  REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48	N FOR 390- BTX 391.1 391.125 391.15 391.175	-399.9875 MTX 381.1 381.125 381.15 381.175	REMARKS  380-389.9875MHz 2006  REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48 49 50 51 52	N FOR 390- BTX 391.1 391.125 391.125 391.175 391.2 391.225 391.225 391.275	-399.9875 MTX 381.1 381.125 381.15 381.15 381.2 381.2 381.25 381.25 381.275	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 TETRA SAPS
H PLA CH. No. 45 46 47 48 49 50 51 52 53	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.225 391.225 391.275 391.275 391.3	399.9875 MTX 381.1 381.125 381.125 381.175 381.2 381.25 381.25 381.25 381.25 381.25	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48 49 50 51 52 53 54	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.225 391.225 391.275 391.325	-399.9875 MTX 381.12 381.125 381.15 381.15 381.25 381.2 381.25 381.25 381.325	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 TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.225 391.225 391.275 391.33 391.33	399.9875 MTX 381.1 381.125 381.175 381.25 381.25 381.25 381.25 381.25 381.25 381.35	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 TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
H PLA CH. No. 45 46 47 48 49 50 51 52 53 54	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.225 391.225 391.275 391.325	-399.9875 MTX 381.12 381.125 381.15 381.15 381.25 381.2 381.25 381.25 381.325	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 TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
CH. No.  H PLA  2H. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58	N FOR 390- BTX 391.1 391.125 391.175 391.25 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.35 391.35	399.9875 MTX 381.1 381.125 381.125 381.175 381.2 381.25 381.25 381.25 381.35 381.3 381.35 381.35 381.35	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59	N FOR 390- BTX 391.1 391.125 391.175 391.25 391.25 391.25 391.25 391.275 391.325 391.375 391.375 391.375 391.375 391.375	-399.9875 MTX 381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.35 381.35 381.35 381.35 381.35 381.45	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  66  57  58  59  60	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.25 391.225 391.275 391.33 391.325 391.35 391.35 391.35 391.35 391.475	399.9875 MTX 381.1 381.125 381.175 381.275 381.26 381.275 381.26 381.275 381.36 381.375 381.36 381.375 381.4 381.425 381.475	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61	N FOR 390- BTX 391.1 391.125 391.15 391.15 391.25 391.25 391.25 391.275 391.325 391.325 391.375 391.375 391.375 391.375 391.43 391.425 391.45	-399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.45	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  66  57  58  59  60	N FOR 390- BTX 391.1 391.125 391.175 391.275 391.25 391.225 391.275 391.33 391.325 391.35 391.35 391.35 391.35 391.475	399.9875 MTX 381.1 381.125 381.175 381.275 381.26 381.275 381.26 381.275 381.36 381.375 381.36 381.375 381.4 381.425 381.475	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  H. No.  45  46  47  48  49  50  51  52  53  54  55  66  67  68  60  61  62  63  64	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.275 391.37 391.35 391.35 391.35 391.44 391.45 391.45 391.45 391.575 391.55	399.9875 MTX 381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.275 381.33 381.35 381.35 381.35 381.45 381.45 381.45 381.55 381.55 381.55	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  58  60  61  62  63  64  65	N FOR 390- BTX 391.1 391.125 391.175 391.175 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.475 391.475 391.525 391.525 391.525 391.525 391.475 391.525 391.525 391.525 391.525 391.525 391.525	399.9875  MTX 381.1 381.125 381.125 381.175 381.2 381.25 381.25 381.35 381.35 381.35 381.375 381.4 381.425 381.45 381.45 381.55 381.55 381.55 381.575 381.575	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
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	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.225 391.225 391.275 391.325 391.37 391.325 391.37 391.34 391.45 391.45 391.45 391.57 391.5 391.57 391.5 391.57 391.5 391.57 391.65	-399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.25 381.35 381.36 381.375 381.4 381.45 381.45 381.45 381.575 381.5 381.575 381.575 381.625	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
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  67	N FOR 390- BTX 391.1 391.125 391.175 391.175 391.25 391.25 391.25 391.25 391.35 391.35 391.35 391.475 391.475 391.475 391.525 391.525 391.525 391.525 391.675	399.9875 MTX 381.1 381.125 381.125 381.175 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.375 381.4 381.425 381.45 381.45 381.45 381.55 381.55 381.55 381.65 381.65	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
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	N FOR 390- BTX 391.1 391.125 391.175 391.175 391.25 391.25 391.25 391.275 391.3 391.35 391.35 391.35 391.4 391.475 391.475 391.525 391.525 391.525 391.525 391.525 391.525 391.525 391.525 391.525 391.525 391.525 391.625	-399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.25 381.35 381.36 381.375 381.4 381.45 381.45 381.45 381.575 381.5 381.575 381.575 381.625	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
H PLA H. No. 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.25 391.275 391.375 391.375 391.43 391.45 391.45 391.45 391.55 391.55 391.55 391.55 391.55 391.675 391.6 391.675 391.675 391.675 391.675	-399.9875 MTX 381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.55 381.57 381.60 381.675 381.675 381.675 381.77	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
H PLA H. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70	N FOR 390- BTX 391.1 391.125 391.125 391.175 391.225 391.275 391.325 391.37 391.34 391.35 391.35 391.37 391.4 391.45 391.45 391.575 391.575 391.625 391.575 391.675 391.675 391.675 391.675 391.775	399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.55 381.55 381.65 381.65 381.675 381.65 381.675 381.675 381.775	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
H PLA H. No. 46 47 48 49 50 51 52 53 54 55 56 67 68 69 60 61 62 63 64 65 66 67 68 69 70 71 72	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.275 391.275 391.375 391.375 391.375 391.4 391.425 391.45 391.45 391.45 391.55 391.55 391.55 391.55 391.625 391.625 391.625 391.625 391.625 391.625 391.625 391.725 391.725	-399.9875  MTX  381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.45 381.45 381.55 381.55 381.575 381.675 381.675 381.675 381.675 381.675 381.775	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
H PLA H. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.225 391.275 391.275 391.325 391.35 391.35 391.35 391.35 391.45 391.45 391.45 391.575 391.57 391.675 391.675 391.675 391.675 391.725 391.775 391.775 391.775	399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.275 381.33 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.55 381.55 381.575 381.675 381.675 381.75 381.75 381.75 381.75 381.75	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
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  67  68  69  70  71  72  73	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.275 391.275 391.375 391.375 391.375 391.4 391.425 391.45 391.45 391.45 391.55 391.55 391.55 391.55 391.625 391.625 391.625 391.625 391.625 391.625 391.625 391.725 391.725	-399.9875  MTX  381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.45 381.45 381.55 381.55 381.575 381.675 381.675 381.675 381.675 381.675 381.775	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  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	N FOR 390- BTX 391.1 391.125 391.125 391.175 391.225 391.225 391.225 391.325 391.325 391.35 391.35 391.45 391.45 391.525 391.525 391.575 391.6 391.625 391.675 391.675 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.775 391.83 391.85 391.855 391.875	399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.55 381.55 381.575 381.6 381.675 381.675 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75 381.75	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  58  69  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.25 391.275 391.37 391.325 391.375 391.37 391.4 391.45 391.45 391.45 391.45 391.525 391.575 391.57 391.77 391.725 391.675 391.675 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.85 391.85 391.85 391.85 391.85	-399.9875 MTX 381.1 381.15 381.15 381.16 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.35 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.55 381.55 381.625 381.625 381.675 381.75 381.75 381.75 381.85 381.75 381.875	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  46  47  48  49  50  51  52  53  54  55  56  67  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  77  78	N FOR 390- BTX 391.1 391.125 391.125 391.175 391.225 391.275 391.25 391.33 391.325 391.35 391.35 391.4 391.45 391.45 391.525 391.575 391.625 391.575 391.675 391.775 391.775 391.775 391.775 391.775 391.775 391.825 391.875 391.85 391.85 391.875 391.85	399.9875  MTX  381.1  381.125  381.15  381.15  381.125  381.25  381.25  381.25  381.25  381.35  381.35  381.35  381.35  381.45  381.45  381.45  381.45  381.55  381.65  381.675  381.675  381.675  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.775  381.85  381.85  381.85  381.85  381.85	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  46 47 48 49 50 51 52 53 54 55 56 67 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 78 79	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.275 391.275 391.275 391.325 391.375 391.4 391.425 391.45 391.45 391.45 391.45 391.45 391.75 391.52 391.55 391.55 391.55 391.775 391.82 391.775 391.725 391.75 391.85 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875	-399.9875  MTX  381.1  381.125  381.15  381.15  381.25  381.25  381.25  381.25  381.35  381.35  381.35  381.35  381.35  381.35  381.45  381.45  381.45  381.45  381.47  381.525  381.55  381.575  381.675  381.675  381.77  381.75  381.75  381.75  381.75  381.75  381.85  381.775  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  381.85  381.85	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  46  47  48  49  50  51  52  53  54  55  56  67  58  69  70  71  72  73  74  75  76  77  78  79  80	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.275 391.275 391.35 391.35 391.35 391.35 391.44 391.45 391.45 391.45 391.67 391.67 391.75 391.75 391.75 391.875 391.75 391.75 391.875 391.975	399.9875  MTX  381.1  381.125  381.15  381.15  381.26  381.25  381.25  381.25  381.275  381.35  381.35  381.35  381.35  381.45  381.45  381.45  381.45  381.55  381.65  381.67  381.7  381.7  381.7  381.7  381.7  381.75  381.8  381.85  381.85  381.85  381.85  381.85  381.85  381.85  381.85	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  46 47 48 49 50 51 52 53 54 55 56 67 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 78 79	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.275 391.275 391.275 391.325 391.375 391.4 391.425 391.45 391.45 391.45 391.45 391.45 391.75 391.52 391.55 391.55 391.55 391.775 391.82 391.775 391.725 391.75 391.85 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875	-399.9875  MTX  381.1  381.125  381.15  381.15  381.25  381.25  381.25  381.25  381.35  381.35  381.35  381.35  381.35  381.35  381.45  381.45  381.45  381.45  381.47  381.525  381.55  381.575  381.675  381.675  381.77  381.75  381.75  381.75  381.75  381.75  381.85  381.775  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  381.85  381.85	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  46 47 48 49 50 51 52 53 54 55 56 67 58 69 60 61 62 63 64 65 66 67 77 77 78 80 80 81	N FOR 390- BTX 391.1 391.125 391.15 391.15 391.175 391.25 391.25 391.275 391.275 391.37 391.325 391.375 391.4 391.425 391.45 391.45 391.45 391.45 391.55 391.55 391.55 391.55 391.55 391.775 391.62 391.62 391.63 391.775 391.725	-399.9875  MTX  381.1 381.125 381.15 381.175 381.25 381.25 381.25 381.275 381.3 381.35 381.375 381.35 381.35 381.36 381.45 381.45 381.45 381.45 381.45 381.475 381.55 381.575 381.675 381.675 381.675 381.675 381.775 381.775 381.775 381.775 381.775 381.775 381.85 381.85 381.875 381.875 381.875 381.875 381.775 381.775 381.89	REMARKS  380-389.9875MHz 2006  IETRA SAPS IE
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  60  61  62  63  64  65  67  77  78  79  80  81  82  83  84	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.25 391.275 391.325 391.375 391.375 391.4 391.45 391.45 391.45 391.45 391.45 391.45 391.75 391.75 391.75 391.75 391.87 391.87 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.875 391.93 391.925 391.975 391.93 391.925 391.95	-399.9875 MTX 381.1 381.125 381.15 381.15 381.25 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.36 381.35 381.45 381.45 381.45 381.55 381.575 381.625 381.625 381.625 381.625 381.75 381.75 381.87 381.75 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.81 381.85	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  46  47  48  49  50  51  52  53  54  55  56  67  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  80  81  82  83  84	N FOR 390- BTX 391.1 391.125 391.175 391.175 391.25 391.275 391.25 391.37 391.325 391.35 391.37 391.4 391.45 391.45 391.45 391.45 391.45 391.45 391.575 391.675 391.575 391.675 391.725 391.75 391.825 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.75 391.85 391.85 391.875 391.85 391.875 391.95 391.95 391.955 391.975 392.025 392.05	399.9875  MTX 381.1 381.125 381.15 381.15 381.175 381.21 381.225 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.35 381.4 381.45 381.45 381.45 381.55 381.65 381.67 381.67 381.75 381.8 381.875 381.875 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.775 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.875 381.975 381.975 381.975 381.975 382.05	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  58  69  60  61  62  63  64  65  66  67  77  78  78  79  80  81  82  83  84  85	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.25 391.275 391.325 391.375 391.34 391.325 391.375 391.4 391.45 391.45 391.45 391.525 391.55 391.55 391.55 391.75 391.75 391.81 391.825 391.875 391.85 391.87 391.85 391.95 391.95 391.95 391.95 391.95	-399.9875 MTX 381.1 381.125 381.28 381.25 381.25 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.375 381.45 381.45 381.45 381.45 381.45 381.625 381.625 381.675 381.675 381.775 381.8 381.875 381.9 381.875 381.9 381.875 381.9 381.875 381.9 381.875	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  46  47  48  49  50  51  52  53  54  55  56  57  58  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  80  81  82  83  84  85  86	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.275 391.27 391.325 391.35 391.37 391.4 391.45 391.45 391.45 391.45 391.45 391.45 391.45 391.575 391.625 391.575 391.67 391.8 391.825 391.725 391.825 391.925 391.925 391.925 391.925 392.025 392.025	399.9875  MTX 381.1 381.125 381.15 381.15 381.15 381.25 381.25 381.25 381.25 381.25 381.35 381.35 381.35 381.35 381.45 381.45 381.45 381.45 381.475 381.525 381.65 381.675 381.675 381.7 381.81 381.875 381.875 381.775 381.875	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
CH. No.  H PLA  CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  58  69  60  61  62  63  64  65  66  67  77  78  78  79  80  81  82  83  84  85	N FOR 390- BTX 391.1 391.125 391.15 391.175 391.25 391.25 391.25 391.275 391.325 391.375 391.34 391.325 391.375 391.4 391.45 391.45 391.45 391.525 391.55 391.55 391.55 391.75 391.75 391.81 391.825 391.875 391.85 391.87 391.85 391.95 391.95 391.95 391.95 391.95	-399.9875 MTX 381.1 381.125 381.28 381.25 381.25 381.25 381.25 381.25 381.275 381.3 381.35 381.35 381.375 381.45 381.45 381.45 381.45 381.45 381.625 381.625 381.675 381.675 381.775 381.63 381.86 381.875 381.93 381.875 381.93 381.93 381.95 381.95 381.95 381.95	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS

CH. No.	BTX	-399.9673 <u>-</u> MTX	_380-389.9875MHz 2006 REMARKS
90	392.225	382.225	TETRA SAPS
91	392.25	382.25	TETRA SAPS
92 93	392.275 392.3	382.275 382.3	TETRA SAPS TETRA SAPS
94	392.325	382.325	TETRA SAPS
95	392.35	382.35	TETRA SAPS
96 97	392.375 392.4	382.375 382.4	TETRA SAPS TETRA SAPS
98	392.425	382.425	TETRA SAPS
99	392.45	382.45	TETRA SAPS
100	392.475	382.475	TETRA SAPS
101 102	392.5 392.525	382.5 382.525	TETRA SAPS TETRA SAPS
103	392.55	382.55	TETRA SAPS
104	392.575	382.575	TETRA SAPS
105 106	392.6 392.625	382.6 382.625	TETRA SAPS TETRA SAPS
106	392.65	382.65	TETRA SAPS
108	392.675	382.675	TETRA SAPS
109	392.7	382.7	TETRA SAPS
110 111	392.725 392.75	382.725 382.75	TETRA SAPS 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	392.85 392.875	382.85 382.875	TETRA SAPS TETRA SAPS
117	392.9	382.9	TETRA SAPS
118	392.925	382.925	TETRA SAPS
119	392.95	382.95 382.975	TETRA SAPS
120 121	392.975 393	382.975 383	TETRA SAPS TETRA SAPS
122	393.025	383.025	TETRA SAPS
123	393.05	383.05	TETRA SAPS
124 125	393.075 393.1	383.075 383.1	TETRA SAPS 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
131	393.25	383.25	TETRA SAPS
132	393.275	383.275	TETRA SAPS
133 134	393.3 393.325	383.3 383.325	TETRA SAPS TETRA SAPS
135	393.35	383.35	TETRA SAPS
CH. No.	BTX	MTX	REMARKS
	N FOR 390	200 0075	380-389.9875MHz 2006
CH. No.	IN FOR 390		
			<b>-</b>
136	BTX 393.375	MTX 383.375	REMARKS TETRA SAPS
136 137	BTX 393.375 393.4	MTX 383.375 383.4	REMARKS TETRA SAPS TETRA SAPS
136 137 138	BTX 393.375 393.4 393.425	MTX 383.375 383.4 383.425	REMARKS TETRA SAPS TETRA SAPS TETRA SAPS
136 137	BTX 393.375 393.4	MTX 383.375 383.4	REMARKS TETRA SAPS TETRA SAPS
136 137 138 139 140 141	BTX 393.375 393.4 393.425 393.45 393.475 393.5	MTX 383.375 383.4 383.425 383.45 383.475 383.5	REMARKS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS
136 137 138 139 140 141 142	BTX 393.375 393.4 393.425 393.45 393.475 393.5 393.525	MTX 383.375 383.4 383.425 383.45 383.475 383.5 383.5	REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
136 137 138 139 140 141	BTX 393.375 393.4 393.425 393.45 393.475 393.5	MTX 383.375 383.4 383.425 383.45 383.475 383.5	REMARKS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS TIETRA SAPS
136 137 138 139 140 141 142 143 144 145	BTX 393.375 393.4 393.425 393.425 393.475 393.5 393.525 393.575 393.575	MTX 383.375 383.4 383.425 383.45 383.45 383.5 383.5 383.5 383.575 383.575 383.6	REMARKS  TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS TE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146	BTX 393.375 393.4 393.425 393.45 393.475 393.5 393.525 393.55 393.55 393.55 393.65 393.625	MTX 383.375 383.4 383.425 383.425 383.45 383.55 383.55 383.55 383.65 383.63	REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147	BTX 393.375 393.4 393.425 393.45 393.475 393.5 393.525 393.525 393.575 393.625 393.625	MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.525 383.55 383.675 383.6 383.65 383.65	REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146	BTX 393.375 393.4 393.425 393.45 393.475 393.5 393.525 393.55 393.55 393.55 393.65 393.625	MTX 383.375 383.4 383.425 383.425 383.45 383.55 383.55 383.55 383.65 383.63	REMARKS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.525 393.525 393.575 393.65 393.65 393.675 393.75	MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.55 383.65 383.675 383.675 383.775	REMARKS  TE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.525 393.625 393.675 393.7 393.7 393.725 393.75	MTX 383.375 383.4 383.425 383.45 383.475 383.5 383.55 383.575 383.67 383.67 383.675 383.675 383.77 383.77	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.525 393.525 393.575 393.65 393.65 393.675 393.75	MTX 383.375 383.4 383.425 383.45 383.45 383.55 383.55 383.55 383.55 383.65 383.675 383.675 383.775	REMARKS  TE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.55 393.675 393.675 393.7 393.725 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75	MTX 383.375 383.4 383.425 383.45 383.475 383.5 383.55 383.575 383.675 383.675 383.675 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775	REMARKS TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.525 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.85	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.575 383.65 383.675 383.775 383.775 383.775 383.775 383.85	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.55 393.675 393.675 393.775 393.775 393.775 393.775 393.775 393.75 393.875	MTX 383.375 383.4 383.425 383.45 383.475 383.5 383.525 383.525 383.55 383.625 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.525 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.85	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.575 383.65 383.675 383.775 383.775 383.775 383.775 383.85	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.525 393.625 393.675 393.7 393.725 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.75 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.93	MTX 383.375 383.44 383.425 383.45 383.475 383.55 383.525 383.55 383.625 383.675 383.77 383.77 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.83	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 156 156 157 158	BTX 393.375 393.4 393.425 393.45 393.45 393.475 393.525 393.525 393.575 393.65 393.65 393.65 393.775 393.775 393.775 393.78 393.875 393.875 393.875 393.875 393.875 393.975	MTX 383.375 383.47 383.425 383.45 383.45 383.45 383.55 383.55 383.57 383.67 383.67 383.77 383.77 383.775 383.85	REMARKS  IE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158	BTX 393.375 393.4 393.425 393.45 393.475 393.475 393.525 393.525 393.575 393.6 393.675 393.675 393.725 393.725 393.725 393.725 393.725 393.825 393.825 393.825 393.825 393.825 393.825	MTX 383.375 383.4 383.425 383.45 383.475 383.5 383.525 383.55 383.55 383.625 383.675 383.75 383.77 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.85	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 156 157 158 159 160	BTX 393.375 393.4 393.425 393.45 393.45 393.475 393.525 393.525 393.575 393.65 393.65 393.65 393.775 393.775 393.775 393.78 393.875 393.875 393.875 393.875 393.875 393.975	MTX 383.375 383.47 383.425 383.45 383.45 383.45 383.55 383.55 383.57 383.67 383.67 383.77 383.77 383.775 383.85	REMARKS  TE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.55 393.575 393.6 393.625 393.675 393.775 393.775 393.775 393.775 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.65 383.675 383.75 383.77 383.725 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.83 383.825 383.85 383.875	REMARKS  ITETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 150 151 155 156 157 158 159 160 161 162 163 164	BTX 393.375 393.4 393.425 393.45 393.425 393.45 393.475 393.525 393.525 393.575 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.87 393.87 393.87 393.87 393.87 393.87 393.87 393.87 393.97 394.025	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.65 383.675 383.67 383.75 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.775 383.85 383.85 383.85 383.85 383.85 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.975 384.025	REMARKS  IE TRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	BTX 393.375 393.4 393.425 393.45 393.475 393.525 393.525 393.55 393.575 393.6 393.625 393.675 393.775 393.775 393.775 393.775 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875 393.875	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.65 383.675 383.75 383.77 383.725 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.83 383.825 383.85 383.875	REMARKS  ITETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 156 157 158 159 160 161 162 163 164 165 166 167 168	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.525 393.525 393.525 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.85 393.85 393.85 393.875 393.875 393.875 393.975 394.11 394.125 394.15	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.875 383.975 384.05	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	BTX 393.375 393.4 393.425 393.45 393.475 393.45 393.475 393.525 393.525 393.55 393.675 393.65 393.675 393.725 393.725 393.725 393.825 393.975 394.925 394.025 394.175 394.125	MTX 383.375 383.4 383.425 383.45 383.45 383.475 383.5 383.55 383.55 383.55 383.675 383.675 383.77 383.77 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85	REMARKS  IETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 150 151 150 151 152 153 154 156 157 158 159 160 161 162 163 164 165 166 166 166 167 168 169 170	BTX 393.375 393.4 393.425 393.45 393.425 393.45 393.475 393.525 393.525 393.575 393.65 393.65 393.65 393.775 393.775 393.775 393.775 393.775 393.875 393.875 393.875 393.875 393.97 393.93 393.975 394.025 394.075 394.175 394.175 394.175 394.175	MTX 383.375 383.47 383.47 383.45 383.45 383.45 383.45 383.55 383.55 383.57 383.57 383.65 383.67 383.75 383.77 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.85 383.85 383.87 384.105 384.105 384.11	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	BTX 393.375 393.4 393.425 393.45 393.475 393.45 393.475 393.525 393.525 393.55 393.675 393.65 393.675 393.725 393.725 393.725 393.825 393.975 394.925 394.025 394.175 394.125	MTX 383.375 383.4 383.425 383.45 383.45 383.475 383.5 383.55 383.55 383.55 383.675 383.675 383.77 383.77 383.775 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85	REMARKS  IETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 150 151 152 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.45 393.525 393.525 393.525 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.85 393.85 393.85 393.85 393.875 394.075 394.05 394.175 394.175 394.25 394.25 394.25	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 384.105 384.105 384.125 384.125 384.175 384.125 384.225 384.25	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 150 151 152 153 154 156 167 168 169 170 171 172 173	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.45 393.525 393.525 393.525 393.625 393.625 393.65 393.725 393.725 393.725 393.725 393.825 393.925 393.925 393.925 394.125 394.125 394.125 394.125 394.125 394.225 394.225 394.25 394.25	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.55 383.55 383.55 383.55 383.65 383.65 383.675 383.85 383.85 383.875 383.95 383.95 384.175 384.175 384.175 384.175 384.175 384.275 384.275 384.275 384.275 384.275 384.275	REMARKS  IETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 150 151 152 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.45 393.525 393.525 393.525 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.85 393.85 393.85 393.85 393.875 394.075 394.05 394.175 394.175 394.25 394.25 394.25	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 383.875 384.105 384.105 384.125 384.125 384.175 384.125 384.225 384.25	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 160 167 168 160 167 168 169 170 171 172 173 174 175 176	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.475 393.525 393.525 393.55 393.65 393.65 393.65 393.65 393.775 393.75 393.75 393.75 393.75 393.75 393.875 393.875 393.875 393.875 393.875 393.875 394.13 394.125 394.15 394.15 394.25 394.25 394.275 394.275 394.35	MTX 383.375 383.45 383.45 383.45 383.45 383.45 383.45 383.55 383.55 383.57 383.65 383.65 383.77 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.75 383.87 384.025 384.15 384.175 384.15 384.175 384.25 384.25 384.25 384.25 384.35 384.35	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 158 159 160 161 162 163 164 167 168 169 170 171 172 173 174 175 176	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.45 393.525 393.525 393.55 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.85 393.85 393.85 393.85 393.875 394.075 394.05 394.175 394.175 394.25 394.275 394.25 394.275 394.35 394.375 394.35 394.375	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.875 384.025 384.025 384.025 384.025 384.125 384.125 384.125 384.225 384.25 384.275 384.35 384.375 384.35	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 150 151 152 155 156 157 158 159 160 161 162 163 164 165 166 167 166 167 168 169 170 171 172 173 174 175 176	BTX 393.375 393.475 393.49 393.425 393.45 393.45 393.475 393.525 393.55 393.575 393.65 393.65 393.65 393.775 393.725 393.725 393.725 393.725 393.875 393.875 393.875 393.875 393.875 393.95 393.95 394.125 394.175 394.175 394.175 394.225 394.25 394.25 394.25 394.35 394.35 394.35 394.35	MTX 383.375 383.47 383.425 383.45 383.45 383.45 383.45 383.45 383.55 383.55 383.57 383.65 383.67 383.67 383.77 383.725 383.77 383.725 383.75 383.87 383.875 383.975 384.10 384.125 384.15 384.15 384.15 384.15 384.25 384.25 384.25 384.25 384.35 384.35 384.375 384.375 384.375 384.375 384.375 384.375 384.375 384.475	REMARKS  TETRA SAPS
136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 158 159 160 161 162 163 164 167 168 169 170 171 172 173 174 175 176	BTX 393.375 393.4 393.425 393.45 393.45 393.45 393.45 393.45 393.525 393.525 393.55 393.65 393.65 393.65 393.75 393.75 393.75 393.75 393.75 393.85 393.85 393.85 393.85 393.875 394.075 394.05 394.175 394.175 394.25 394.275 394.25 394.275 394.35 394.375 394.35 394.375	MTX 383.375 383.4 383.425 383.45 383.45 383.45 383.45 383.55 383.55 383.55 383.575 383.65 383.65 383.675 383.75 383.75 383.75 383.75 383.75 383.75 383.75 383.85 383.875 384.025 384.025 384.025 384.025 384.125 384.125 384.125 384.225 384.25 384.275 384.35 384.375 384.35	REMARKS  TETRA SAPS

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			_380-389.9875MHz 2006
CH. No.	BTX	MTX	REMARKS
182	394.525	384.525	TETRA SAPS
183	394.55	384.55	TETRA SAPS
184 185	394.575 394.6	384.575 384.6	TETRA SAPS TETRA SAPS
186	394.625	384.625	TETRA SAPS
187	394.65	384.65	TETRA SAPS
188	394.675	384.675	TETRA SAPS
189	394.7	384.7	TETRA SAPS
190	394.725	384.725	TETRA SAPS
191	394.75	384.75	TETRA SAPS
192	394.775	384.775	TETRA SAPS
193 194	394.8 394.825	384.8 384.825	TETRA SAPS TETRA SAPS
195	394.85	384.85	TETRA SAPS
196	394.875	384.875	TETRA SAPS
197	394.9	384.9	TETRA SAPS
198	394.925	384.925	TETRA SAPS
199	394.95	384.95	TETRA SAPS
200	394.975	384.975	TETRA SAPS
201	395	385	TETRA SAPS
202	395.025 395.05	385.025 385.05	TETRA SAPS TETRA SAPS
203	395.075	385.075	TETRA SAPS
205	395.1	385.1	TETRA SAPS
206	395.125	385.125	TETRA SAPS
207	395.15	385.15	TETRA SAPS
208	395.175	385.175	TETRA SAPS
209	395.2	385.2	TETRA SAPS
210	395.225	385.225	TETRA SAPS
211 212	395.25	385.25 385.275	TETRA SAPS
212	395.275 395.3	385.275	TETRA SAPS TETRA SAPS
214	395.325	385.325	TETRA SAPS
215	395.35	385.35	TETRA SAPS
216	395.375	385.375	TETRA SAPS
217	395.4	385.4	TETRA SAPS
218	395.425	385.425	TETRA SAPS
219	395.45	385.45	TETRA SAPS
220 221	395.475 395.5	385.475 385.5	TETRA SAPS TETRA SAPS
222	395.525	385.525	TETRA SAPS
223	395.55	385.55	TETRA SAPS
224	395.575	385.575	TETRA SAPS
225	395.6	385.6	TETRA SAPS
		385.625	TETRA SAPS
226	395.625		
226 227	395.65	385.65	TETRA SAPS
CH. No.		385.65 MTX	TETRA SAPS  REMARKS  380-389.9875MHz 2006
CH. No.	395.65 BTX N FOR 390 BTX	385.65 MTX -399.9875 MTX	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS
CH. No.	395.65 BTX N FOR 390	385.65 MTX -399.9875_	TETRA SAPS  REMARKS  380-389.9875MHz 2006
227 CH. No. CH PLA CH. No. 228 229 230	395.65 BTX N FOR 390 BTX 395.675 395.7 395.725	385.65  MTX  -399.9875  MTX  385.675  385.77  385.725	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231	395.65  BTX  N FOR 390  BTX 395.675 395.7 395.725 395.725	385.65  MTX  -399.9875  MTX  385.675  385.77  385.725  385.75	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.775	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.75	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS
227 CH. No. CH. No. 228 229 230 231 232 233	395.65  BTX  N FOR 390  BTX  395.675 395.725 395.725 395.775 395.8	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.75  385.75  385.75	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS IETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.775	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.75	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS  TETRA SAPS
227 CH. No. CH. No. 228 229 230 231 232 233 233 234	395.65  BTX  N FOR 390  BTX  395.675  395.7  395.725  395.75  395.775  395.8  395.8	385.65 MTX -399.9875 MTX 385.675 385.75 385.75 385.775 385.775 385.8	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 TETRA SAPS TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.75  395.87  395.825  395.825  395.875  395.875	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.775  385.82  385.825  385.85  385.85  385.875	TETRA SAPS  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 TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS TETRA SAPS
227 CH. No. CH. PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238	395.65  BTX  N FOR 390  BTX  395.675  395.725  395.725  395.75  395.825  395.825  395.825  395.875  395.875  395.925	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.825  385.85  385.875  385.89  385.925	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH. No. 228 229 230 231 232 233 234 235 236 237 238 239	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.87  395.825  395.825  395.875  395.875  395.95  395.955	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.825  385.825  385.85  385.875  385.975  385.975  385.975  385.975	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 231 232 233 234 235 236 237 237 238 239 239 239 240	395.65  BTX  N FOR 390  BTX  395.675  395.7  395.725  395.75  395.825  395.85  395.87  395.87  395.87  395.97  395.97	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.85  385.95  385.95  385.95	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241	395.65  BTX  N FOR 390  BTX  395.675  395.725  395.725  395.75  395.825  395.825  395.825  395.825  395.925  395.925  395.925	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.875  385.95  385.95  385.95  385.95  385.95	TETRA SAPS  REMARKS  380-389.9875MHZ 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 231 232 233 234 235 236 237 237 238 239 239 239 240	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.75  395.775  395.82  395.825  395.875  395.89  395.97  395.93  395.975  396.93  395.975  396.93  395.975	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.85  385.95  385.95  385.95	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH. PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241	395.65  BTX  N FOR 390  BTX  395.675  395.725  395.725  395.75  395.825  395.825  395.825  395.825  395.925  395.925  395.925	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.85  385.85  385.85  385.95  385.95  385.95  385.95  385.95  386.925	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.87  395.85  395.85  395.87  395.97  395.9  395.97  396.025  396.075  396.075	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.95  385.95  385.95  385.975  386.05  386.05  386.05  386.075	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245	395.65  BTX  N FOR 390  BTX  395.675  395.725  395.725  395.75  395.825  395.825  395.825  395.825  395.975  396.925  396.925  396.025  396.075  396.075  396.125	385.65  MTX  -399.9875  MTX  385.675 385.75 385.75 385.75 385.85 385.85 385.85 385.925 385.925 385.925 385.925 386.025 386.025 386.075 386.075	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH. No. CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.775  395.825  395.825  395.875  395.89  395.925  395.95  395.95  396.025  396.05  396.1075  396.11	385.65  MTX  -399.9875  MTX  385.675  385.725  385.725  385.75  385.85  385.85  385.85  385.95  385.97  385.95  386.025  386.025  386.075  386.11  386.15	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 236 237 238 239 240 241 242 243 244 244 244 247 248	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.82  395.85  395.875  395.875  395.97  395.97  396.025  396.075  396.175	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.925  385.925  385.925  385.925  386.05  386.05  386.05  386.15  386.15  386.175	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH. No. CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.75  395.825  395.825  395.825  395.825  395.925  395.925  396.025  396.025  396.125  396.125  396.125  396.175	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.875  385.875  385.875  385.975  385.975  386.925  386.925  386.025  386.025  386.025  386.05  386.125  386.125  386.125  386.125	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 236 237 238 239 240 241 242 243 244 244 244 247 248	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.82  395.85  395.875  395.875  395.97  395.97  396.025  396.075  396.175	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.925  385.925  385.925  385.925  386.05  386.05  386.05  386.15  386.15  386.175	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 244 244 244 244	395.65  BTX  N FOR 390  BTX  395.675  395.775  395.775  395.85  395.825  395.87  395.97  395.97  396.925  396.025  396.025  396.175  396.175  396.175  396.175  396.175  396.225	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.95  385.95  386.025  386.05  386.05  386.05  386.15  386.15  386.15  386.225	TETRA SAPS  REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 244 245 246 247 248 249 250 251	395.65  BTX  N FOR 390  BTX  395.675  395.775  395.725  395.75  395.825  395.875  395.875  395.97  395.97  396.9  396.025  396.07  396.1  396.125  396.15  396.25  396.25  396.25  396.25  396.25  396.25  396.275  396.3	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.89  385.925  385.95  386.025  386.05  386.15  386.15  386.25  386.25  386.25  386.25  386.25	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH. No. CH. PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 244 245 247 244 245 246 247 248 249 250 251 252 253	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.75  395.82  395.85  395.85  395.875  395.925  395.925  395.925  396.025  396.125  396.125  396.125  396.225  396.25  396.25  396.275  396.33	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.89  385.925  385.93  386.025  386.025  386.13  386.125  386.125  386.25  386.25  386.25  386.25  386.25  386.25	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 244 244 245 245 246 247 248 249 250 251	395.65  BTX  N FOR 390  BTX  395.675  395.7  395.725  395.75  395.87  395.85  395.87  395.97  395.97  396.925  396.025  396.025  396.15  396.15  396.25  396.25  396.25  396.25  396.25  396.25  396.25  396.25  396.25  396.33	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.95  385.95  385.975  386.05  386.05  386.05  386.15  386.15  386.15  386.25  386.25  386.25  386.35	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH. No. CH. PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 244 245 247 244 245 246 247 248 249 250 251 252 253	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.75  395.82  395.85  395.85  395.875  395.925  395.925  395.925  396.025  396.125  396.125  396.125  396.225  396.25  396.25  396.275  396.33	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.89  385.925  385.93  386.025  386.025  386.13  386.125  386.125  386.25  386.25  386.25  386.25  386.25  386.25	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 245 246 247 248 249 250 251 252 253 254	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.825  395.825  395.875  395.875  395.97  396.925  396.05  396.175  396.175  396.175  396.25  396.275  396.25  396.25  396.25  396.25  396.25  396.375	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.925  385.925  385.925  386.925  386.05  386.075  386.125  386.125  386.125  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.25  386.35  386.335	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 250 251 252 253 254 255 256 257 258	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.725  395.75  395.825  395.825  395.825  395.825  395.975  396.025  396.025  396.125  396.125  396.125  396.23  396.25  396.25  396.25  396.25  396.25  396.25  396.375  396.375  396.3	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.925  385.925  385.925  386.025  386.025  386.175  386.175  386.125  386.25  386.25  386.25  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.41  386.425  386.45	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 246 247 248 249 255 256 256 255 256 257 258	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.825  395.825  395.825  395.97  396.925  396.025  396.025  396.125  396.125  396.125  396.25  396.275  396.25  396.37  396.35  396.35	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.95  385.97  386.925  386.925  386.025  386.05  386.05  386.125  386.125  386.125  386.25  386.35  386.35  386.35  386.35  386.375  386.35	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. CH PLAI CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 244 244 247 248 249 250 251 252 253 254 255 256 257 258 259 260	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.83  395.825  395.85  395.875  395.97  396.93  396.025  396.175  396.175  396.175  396.25  396.275  396.275  396.375  396.375  396.375  396.375  396.375  396.425  396.475  396.475  396.475  396.475	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.875  385.925  385.925  385.93  385.925  386.975  386.05  386.05  386.125  386.125  386.125  386.25  386.25  386.25  386.35  386.35  386.35  386.35	REMARKS  380-389.9875MHz 2006  REMARKS  TETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 256 266 257 258 259 260 261	395.65  BTX  N FOR 390  BTX  395.675  395.675  395.77  395.725  395.75  395.825  395.85  395.87  395.89  395.92  395.92  395.95  396.025  396.025  396.125  396.125  396.275  396.23  396.25  396.275  396.325  396.375  396.325  396.375  396.375  396.375  396.375  396.375  396.43  396.425  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.525	385.65  MTX  -399.9875  MTX  385.675  385.725  385.75  385.87  385.85  385.85  385.875  385.97  385.97  386.025  386.025  386.025  386.15  386.15  386.15  386.25  386.25  386.25  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.45  386.45  386.45	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS IETR
227 CH. No. CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 245 246 247 248 249 250 251 252 253 256 256 256 256 256 259 260 261 262	395.65  BTX  N FOR 390  BTX  395.675  395.775  395.725  395.75  395.825  395.825  395.875  395.97  396.9  396.925  396.075  396.10  396.125  396.25  396.275  396.275  396.275  396.375  396.375  396.325  396.325  396.325  396.325  396.325  396.325  396.35  396.475  396.475  396.55	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.875  385.925  385.95  386.925  386.025  386.05  386.15  386.15  386.25  386.25  386.25  386.35  386.35  386.375  386.35  386.375  386.35  386.375  386.35  386.375  386.35  386.375  386.35	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 256 266 257 258 259 260 261	395.65  BTX  N FOR 390  BTX  395.675  395.675  395.77  395.725  395.75  395.825  395.85  395.87  395.89  395.92  395.92  395.95  396.025  396.025  396.125  396.125  396.275  396.23  396.25  396.275  396.325  396.375  396.325  396.375  396.375  396.375  396.375  396.375  396.43  396.425  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.475  396.525	385.65  MTX  -399.9875  MTX  385.675  385.725  385.75  385.87  385.85  385.85  385.875  385.97  385.97  386.025  386.025  386.025  386.15  386.15  386.15  386.25  386.25  386.25  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.45  386.45  386.45	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS IETR
227 CH. No. CH PLA CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 244 245 245 246 247 248 249 250 251 252 256 257 258 259 260 261 262 263 264 265	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.725  395.75  395.875  395.875  395.875  395.97  395.97  396.9  396.025  396.175  396.175  396.175  396.25  396.25  396.25  396.375  396.375  396.375  396.425  396.35  396.45  396.45  396.45  396.55  396.55  396.55  396.55	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.895  385.925  385.925  386.925  386.05  386.15  386.125  386.15  386.25  386.25  386.25  386.35  386.35  386.35  386.35  386.35  386.425  386.425  386.425  386.45  386.55  386.55  386.55	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 256 266 261 262 263 264 265 266	395.65  BTX  N FOR 390  BTX  395.675  395.77  395.775  395.775  395.82  395.85  395.875  395.87  395.92  395.92  395.95  396.025  396.025  396.13  396.125  396.125  396.275  396.275  396.325  396.325  396.375  396.375  396.375  396.375  396.375  396.375  396.375  396.375  396.43  396.475  396.475  396.475  396.475  396.475  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.525  396.625  396.625	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.875  385.89  385.975  386.925  385.975  386.025  386.025  386.025  386.15  386.15  386.15  386.225  386.25  386.35  386.35  386.375  386.375  386.375  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.386  386.375  386.375  386.386  386.575  386.6525  386.6525	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS IETR
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 245 246 255 256 257 258 256 257 258 258 259 260 261 262 263 264 265 266 267	395.65  BTX  N FOR 390  BTX  395.675  395.775  395.725  395.75  395.825  395.825  395.875  395.97  396.9  395.975  396.05  396.15  396.125  396.25  396.25  396.25  396.35  396.45  396.45  396.45  396.55  396.55  396.55  396.55  396.625  396.625  396.625	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.89  385.925  385.95  386.025  386.025  386.15  386.125  386.125  386.25  386.25  386.35  386.35  386.35  386.35  386.375  386.35  386.35  386.43  386.425  386.45  386.55  386.55  386.55  386.675	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH PLAI CH. No. CH PLAI CH. No. CH PLAI CH. No. CH	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.75  395.825  395.825  395.875  395.97  396.925  396.05  396.175  396.175  396.25  396.275  396.375  396.375  396.375  396.375  396.475  396.475  396.475  396.475  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.575  396.55  396.575  396.675  396.675	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.875  385.95  385.95  386.05  386.05  386.125  386.125  386.125  386.25  386.25  386.25  386.25  386.25  386.25  386.375  386.386  386.375  386.45  386.45  386.45  386.45  386.45  386.55  386.55  386.55  386.655  386.655  386.655  386.655  386.655  386.655	REMARKS  380-389.9875MHz 2006  REMARKS  IE ITA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 245 246 255 256 257 258 256 257 258 258 259 260 261 262 263 264 265 266 267	395.65  BTX  N FOR 390  BTX  395.675  395.675  395.725  395.75  395.875  395.825  395.875  395.97  395.97  396.025  396.025  396.125  396.125  396.275  396.275  396.275  396.275  396.37  396.37  396.37  396.475  396.475  396.475  396.55  396.55  396.555  396.555  396.575  396.675  396.675  396.775	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.95  385.97  386.025  386.025  386.025  386.15  386.15  386.15  386.25  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.475  386.55  386.55  386.55  386.555  386.655  386.675  386.675	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS
227 CH. No. CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 245 245 255 256 257 258 259 260 261 262 263 264 266 266 266 266 266 266 266 266 266	395.65  BTX  N FOR 390  BTX  395.675  395.75  395.75  395.75  395.825  395.825  395.875  395.97  396.925  396.05  396.175  396.175  396.25  396.275  396.375  396.375  396.375  396.375  396.475  396.475  396.475  396.475  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.55  396.575  396.55  396.575  396.675  396.675	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.85  385.875  385.95  385.95  386.05  386.05  386.125  386.125  386.125  386.25  386.25  386.25  386.25  386.25  386.25  386.375  386.386  386.375  386.45  386.45  386.45  386.45  386.45  386.55  386.55  386.55  386.655  386.655  386.655  386.655  386.655  386.655	REMARKS  380-389.9875MHz 2006  REMARKS  IE ITA SAPS
227 CH. No. CH PLA CH. No. 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 244 244 245 245 246 257 258 259 260 251 252 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270	395.65  BTX  N FOR 390  BTX  395.675  395.775  395.725  395.75  395.875  395.875  395.875  395.973  395.975  396.025  396.025  396.175  396.125  396.25  396.25  396.275  396.275  396.375  396.375  396.425  396.375  396.425  396.375  396.425  396.525  396.675  396.675	385.65  MTX  -399.9875  MTX  385.675  385.75  385.75  385.75  385.85  385.85  385.875  385.895  385.925  385.925  385.95  386.025  386.05  386.15  386.15  386.25  386.25  386.25  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.35  386.55  386.55  386.55  386.675  386.675  386.75	REMARKS  380-389.9875MHz 2006  REMARKS  IETRA SAPS IETR

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			380-389.9875MHz 2006
CH. No.	BTX	MTX	REMARKS
274 275	396.825 396.85	386.825 386.85	TETRA SAPS TETRA SAPS
276	396.875	386.875	TETRA SAPS
277	396.9	386.9	TETRA SAPS
278	396.925	386.925	TETRA SAPS
279 280	396.95	386.95 386.975	TETRA SAPS TETRA SAPS
281	396.975 397	387	DOD FORMER SANDF
282	397.025	387.025	DOD FORMER SANDF
283	397.05	387.05	DOD FORMER SANDF
284	397.075	387.075	DOD FORMER SANDF
285 286	397.1 397.125	387.1 387.125	DOD FORMER SANDF DOD FORMER SANDF
287	397.125	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 SANDE
292 293	397.275 397.3	387.275 387.3	DOD FORMER SANDF DOD FORMER SANDF
294	397.325	387.325	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
298 299	397.425	387.425	DOD FORMER SANDE
300	397.45 397.475	387.45 387.475	DOD FORMER SANDF DOD FORMER SANDF
301	397.5	387.5	DOD FORMER SANDF
302	397.525	387.525	DOD FORMER SANDF
303	397.55	387.55	DOD FORMER SANDF
304	397.575	387.575	DOD FORMER SANDE
305 306	397.6 397.625	387.6 387.625	DOD FORMER SANDF DOD FORMER SANDF
306	397.65	387.65	DOD FORMER SANDF 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 SANDE
312 313	397.775 397.8	387.775 387.8	DOD FORMER SANDF DOD FORMER SANDF
314	397.825	387.825	DOD FORMER SANDF
315	397.85	387.85	DOD FORMER SANDF
316	397.875	387.875	DOD FORMER SANDF
317	397.9 397.925	387.9	DOD FORMER SANDE
318 319	397.925	387.925 387.95	DOD FORMER SANDF DOD FORMER SANDF
0.0	001.00	007.00	DOD TOTALLING THE
CH. No.	BTX	MTX	REMARKS
CH DI A	NI FOR SOO	000 00==	200 200 007EMH= 2006
	IN FOR 390	-399.9875	380-389.9875MHz 2006
CH PLA	BTX	-399.9875 <u></u> MTX	REMARKS
CH. No. 320	BTX 397.975	MTX 387.975	REMARKS DOD FORMER SANDF
CH. No. 320 321	BTX 397.975 398	MTX 387.975 388	REMARKS DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321 322	BTX 397.975 398 398.025	MTX 387.975 388 388.025	REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321	BTX 397.975 398	MTX 387.975 388	REMARKS DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321 322 323	BTX 397.975 398 398.025 398.05	MTX 387.975 388 388.025 388.05	REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125	MTX 387.975 388 388.025 388.05 388.075 388.1 388.125	REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF 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  325  326  327	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15	MTX 387.975 388 388.025 388.05 388.075 388.1 388.125 388.15	REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321 322 323 323 324 325 326 327 328	BTX 397.975 398.025 398.025 398.05 398.075 398.1 398.125 398.15 398.175	MTX 387.975 388 388.025 388.05 388.075 388.1 388.125 388.15	REMARKS  DOD FORMER SANDF  DOD FORMER SANDF  DOD FORMER SANDF  DOD FORMER SANDF  DOD FORMER SANDF  DOD FORMER SANDF  DOD FORMER SANDF  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  325  326  327	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15	MTX 387.975 388 388.025 388.05 388.075 388.1 388.125 388.15	REMARKS DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15 398.15 398.2 398.25	MTX 387.975 388 388.025 388.025 388.075 388.125 388.125 388.125 388.15 388.225 388.225	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331	BTX 397.975 398 398.025 398.05 398.075 398.175 398.15 398.175 398.25 398.25 398.25 398.25	MTX 387.975 388 388.025 388.05 388.075 388.15 388.15 388.15 388.25 388.225 388.25 388.275	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 326 327 328 329 330 331 332 333	BTX 397.975 398 398.025 398.05 398.075 398.17 398.15 398.15 398.25 398.25 398.275 398.275 398.3	MTX 387.975 388 388.025 388.05 388.075 388.17 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.25 388.275 388.3	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15 398.15 398.25 398.25 398.275 398.3	MTX 387.975 388 388.025 388.05 388.05 388.075 388.15 388.15 388.15 388.25 388.225 388.225 388.25 388.25 388.275	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15 398.175 398.2 398.25 398.25 398.3 398.35 398.35 398.35	MTX 387.975 388 388.025 388.025 388.05 388.075 388.15 388.15 388.15 388.25 388.25 388.275 388.275 388.33 388.325	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 336 337	BTX 397.975 398 398.025 398.05 398.075 398.15 398.15 398.15 398.25 398.25 398.25 398.35 398.35 398.35 398.35	MTX 387.975 388 388.025 388.05 388.075 388.15 388.15 388.15 388.25 388.225 388.25 388.35 388.35 388.35 388.375 388.375	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 323 325 326 327 328 329 330 331 332 333 334 335 336 337	BTX 397.975 398 398.025 398.025 398.075 398.175 398.15 398.15 398.25 398.25 398.25 398.25 398.375 398.3 398.35 398.35 398.44	MTX 387.975 388 388.025 388.05 388.075 388.17 388.15 388.175 388.25 388.225 388.25 388.25 388.35 388.375 388.35 388.375 388.375	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 336 337 338 339	BTX 397.975 398 398.025 398.05 398.075 398.175 398.15 398.175 398.25 398.25 398.25 398.25 398.375 398.3 398.325 398.35 398.35 398.375 398.4	MTX 387.975 388 388.025 388.025 388.05 388.05 388.15 388.15 388.15 388.25 388.25 388.25 388.375 388.3 388.325 388.375 388.375 388.44 388.45	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 323 325 326 327 328 329 330 331 332 333 334 335 336 337 338	BTX 397.975 398 398.025 398.025 398.075 398.175 398.15 398.15 398.25 398.25 398.25 398.25 398.375 398.3 398.35 398.35 398.44	MTX 387.975 388 388.025 388.05 388.075 388.17 388.15 388.175 388.25 388.225 388.25 388.25 388.35 388.375 388.35 388.375 388.375	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 337 338 339 340 341 342	BTX 397.975 398 398.025 398.05 398.075 398.1 398.125 398.15 398.15 398.25 398.25 398.25 398.375 398.3 398.325 398.35 398.375 398.4 398.45 398.45 398.45 398.45 398.45 398.45	MTX 387.975 388 388.025 388.06 388.075 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35 388.35 388.375 388.44 388.475 388.45 388.45 388.45 388.45 388.45	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 333 331 335 336 337 338 339 340 341 342	BTX 397.975 398 398.025 398.05 398.075 398.17 398.15 398.15 398.15 398.25 398.25 398.25 398.375 398.3 398.375 398.3 398.375 398.4 398.425 398.45 398.45 398.45 398.45 398.45	MTX 387.975 388 388.025 388.05 388.075 388.15 388.15 388.15 388.15 388.225 388.225 388.225 388.25 388.35 388.375 388.3 388.35 388.35 388.35 388.45 388.45 388.475 388.5 388.55	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 336 337 338 339 340 341 342 343 344	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.2 398.25 398.25 398.25 398.375 398.3 398.325 398.375 398.4 398.45 398.475 398.475 398.45 398.45 398.45 398.475 398.55 398.555 398.555	MTX 387.975 388 388.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.275 388.35 388.375 388.44 388.425 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343	BTX 397.975 398 398.025 398.05 398.075 398.175 398.15 398.15 398.25 398.25 398.25 398.275 398.3 398.325 398.35 398.375 398.3 398.35 398.35 398.35 398.45 398.45 398.45 398.45 398.55 398.55 398.555 398.575	MTX 387.975 388 388.025 388.05 388.075 388.15 388.15 388.15 388.15 388.225 388.225 388.25 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 336 337 338 339 340 341 342 343 344	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.2 398.25 398.25 398.25 398.375 398.3 398.325 398.375 398.4 398.45 398.475 398.475 398.45 398.45 398.45 398.475 398.55 398.555 398.555	MTX 387.975 388 388.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.275 388.35 388.375 388.44 388.425 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 331 335 336 336 337 338 339 340 341 342 343 344 344 344 344 344 344 344 346	BTX 397.975 398 398.025 398.05 398.075 398.175 398.15 398.15 398.25 398.25 398.25 398.275 398.3 398.375 398.3 398.35 398.375 398.4 398.45 398.45 398.45 398.45 398.45 398.55 398.55 398.575 398.59 398.575 398.575 398.575 398.575 398.575 398.575 398.575 398.575 398.675	MTX 387.975 388 388.025 388.05 388.05 388.075 388.15 388.15 388.175 388.25 388.25 388.275 388.25 388.275 388.33 388.325 388.375 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.55 388.55 388.55 388.65 388.675	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.2 398.25 398.25 398.25 398.275 398.3 398.375 398.4 398.425 398.45 398.45 398.575 398.575 398.65 398.575 398.575 398.65	MTX 387.975 388 388.025 388.025 388.05 388.05 388.125 388.125 388.125 388.25 388.25 388.275 388.275 388.375 388.375 388.44 388.45 388.45 388.45 388.45 388.45 388.65 388.65 388.65 388.675 388.675 388.675	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350	BTX 397.975 398 398.025 398.05 398.075 398.15 398.15 398.15 398.15 398.25 398.25 398.25 398.375 398.3 398.375 398.3 398.35 398.35 398.35 398.35 398.45 398.45 398.45 398.45 398.45 398.55 398.55 398.57 398.625 398.625	MTX 387.975 388.388.025 388.025 388.05 388.075 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 329 330 331 332 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.25 398.25 398.25 398.275 398.3 398.375 398.45 398.475 398.45 398.45 398.45 398.45 398.55 398.55 398.575 398.575 398.625 398.675 398.675	MTX 387.975 388 388.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.275 388.275 388.37 388.35 388.35 388.35 388.35 388.35 388.35 388.41 388.45 388.45 388.65 388.65 388.65 388.675 388.675 388.77 388.77	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 332 333 334 335 334 335 336 337 338 339 340 341 342 343 344 345 347 348 347 348 349 350 351 352	BTX 397.975 398.398.025 398.05 398.075 398.1 398.125 398.15 398.15 398.15 398.22 398.25 398.25 398.275 398.37 398.325 398.35 398.375 398.45 398.45 398.45 398.45 398.45 398.475 398.575 398.575 398.575 398.675 398.675 398.77	MTX 387.975 388.388.025 388.025 388.05 388.075 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35 388.35	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 329 330 331 332 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.25 398.25 398.25 398.275 398.3 398.375 398.45 398.475 398.45 398.45 398.45 398.45 398.55 398.55 398.575 398.575 398.625 398.675 398.675	MTX 387.975 388.975 388.025 388.05 388.075 388.15 388.15 388.15 388.15 388.225 388.225 388.25 388.25 388.375 388.375 388.45 388.45 388.45 388.45 388.45 388.65 388.65 388.675 388.675 388.675 388.77 388.77	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 345 346 347 348 349 350 351 352 353 353 355 355	BTX 397.975 398.7975 398.398.025 398.075 398.175 398.125 398.125 398.15 398.175 398.2 398.225 398.25 398.325 398.375 398.3 398.35 398.35 398.35 398.35 398.375 398.4 398.45 398.45 398.45 398.475 398.525 398.575 398.77 398.75	MTX 387.975 388.9 388.025 388.06 388.075 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.35 388.35 388.35 388.45 388.45 388.45 388.45 388.65 388.65 388.675 388.675 388.77 388.77 388.77 388.77 388.77 388.77	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356	BTX 397.975 398 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.25 398.25 398.25 398.25 398.37 398.3 398.375 398.45 398.475 398.55 398.55 398.625 398.575 398.625 398.675 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.75 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.77 398.88	MTX 387.975 388.975 388.025 388.025 388.025 388.05 388.075 388.15 388.15 388.15 388.25 388.25 388.275 388.25 388.275 388.37 388.44 388.45 388.45 388.45 388.45 388.45 388.475 388.775 388.77	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   340   341   342   343   344   345   347   348   347   348   349   350   351   352   353   351   352   353   355   356   357	BTX 397.975 398.397.975 398.025 398.075 398.10 398.125 398.15 398.15 398.15 398.175 398.2 398.25 398.25 398.25 398.375 398.3 398.375 398.4 398.45 398.45 398.45 398.475 398.5 398.575 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.875 398.875 398.875 398.875	MTX 387.975 388.938.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.275 388.37 388.44 388.45 388.45 388.45 388.45 388.475 388.45 388.475 388.65 388.65 388.675 388.675 388.75 388.775	REMARKS  DOD FORMER SANDF
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 334 335 336 337 338 339 341 342 343 344 345 346 347 348 349 350 351 352 353 351	BTX 397.975 398 398.025 398.05 398.05 398.05 398.075 398.17 398.125 398.175 398.2 398.25 398.27 398.3 398.375 398.3 398.35 398.375 398.4 398.425 398.55 398.55 398.575 398.575 398.675 398.675 398.775 398.88	MTX 387.975 388 388.025 388.025 388.05 388.075 388.15 388.15 388.175 388.25 388.25 388.275 388.33 388.325 388.35 388.36 388.375 388.45 388.45 388.45 388.45 388.45 388.75	REMARKS  DOD FORMER SANDF  DOD
CH. No. 320   321   322   323   324   325   326   327   328   329   330   331   332   333   334   335   336   337   338   339   340   341   342   343   344   345   347   348   347   348   349   350   351   352   353   351   352   353   355   356   357	BTX 397.975 398.397.975 398.025 398.075 398.10 398.125 398.15 398.15 398.15 398.175 398.2 398.25 398.25 398.25 398.375 398.3 398.375 398.4 398.45 398.45 398.45 398.475 398.5 398.575 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.775 398.875 398.875 398.875 398.875	MTX 387.975 388.938.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.275 388.37 388.44 388.45 388.45 388.45 388.45 388.475 388.45 388.475 388.65 388.65 388.675 388.675 388.75 388.775	REMARKS  DOD FORMER SANDF
CH. No. 320 321 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 351 355 356 357 358 359	BTX 397.975 398.795 398.025 398.05 398.05 398.075 398.1 398.125 398.15 398.175 398.2 398.25 398.25 398.25 398.375 398.3 398.35 398.375 398.45 398.45 398.475 398.575 398.65 398.77 398.77 398.75 398.77 398.77 398.77 398.77	MTX 387.975 388.938.025 388.025 388.025 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.275 388.275 388.37 388.41 388.45 388.45 388.45 388.45 388.475 388.47 388.475 388.77	REMARKS  DOD FORMER SANDF  DOD
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 351 352 353 356 357 358 356 357 358 359 360 361	BTX 397.975 398.397.975 398.025 398.075 398.10 398.125 398.15 398.15 398.15 398.22 398.25 398.25 398.25 398.375 398.3 398.375 398.4 398.45 398.45 398.45 398.475 398.75 398.75 398.75 398.75 398.75 398.875 398.675 398.675 398.875 398.875	MTX 387.975 388.938.025 388.025 388.05 388.05 388.05 388.15 388.15 388.15 388.15 388.25 388.25 388.25 388.25 388.375 388.375 388.44 388.45 388.45 388.45 388.65 388.65 388.675 388.6 388.675 388.775 388.7 388.775 388.73 388.775 388.875 388.875 388.875 388.875 388.975 388.975 388.995 388.995	REMARKS  DOD FORMER SANDF  DOD
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 356 357 358 356 357 358 359 360 361 362	BTX 397.975 398 398.025 398.05 398.05 398.05 398.075 398.125 398.125 398.175 398.2 398.25 398.25 398.25 398.37 398.3 398.375 398.425 398.425 398.45 398.45 398.45 398.45 398.475 398.55 398.575 398.575 398.675 398.77 398.79 398.87 398.87 398.87 398.87 398.87 398.87 398.87 398.87	MTX 387.975 388 388.025 388.025 388.05 388.05 388.075 388.175 388.175 388.25 388.275 388.275 388.375 388.375 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.775 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.75	REMARKS  DOD FORMER SANDF  DOD
CH. No. 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 352 353 355 356 357 358 359 360 361 362 362 363	BTX 397.975 398.795 398.025 398.05 398.05 398.075 398.175 398.125 398.175 398.25 398.25 398.25 398.275 398.3 398.36 398.375 398.45 398.475 398.475 398.575 398.77 398.78 398.79 398.79 398.79 398.79 398.79 398.79 398.79	MTX 387.975 388.975 388.025 388.025 388.05 388.05 388.125 388.125 388.125 388.125 388.25 388.25 388.275 388.275 388.275 388.375 388.375 388.425 388.45 388.45 388.45 388.475 388.65 388.675 388.675 388.85	REMARKS  DOD FORMER SANDF  DOD
CH. No. 320 321 322 323 324 325 326 327 328 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 344 347 348 349 359 350 351 352 353 354 356 357 358 356 357 358 359 360 361 362	BTX 397.975 398 398.025 398.05 398.05 398.05 398.075 398.125 398.125 398.175 398.2 398.25 398.25 398.25 398.37 398.3 398.375 398.425 398.425 398.45 398.45 398.45 398.45 398.475 398.55 398.575 398.575 398.675 398.77 398.79 398.87 398.87 398.87 398.87 398.87 398.87 398.87 398.87	MTX 387.975 388 388.025 388.025 388.05 388.05 388.075 388.175 388.175 388.25 388.275 388.275 388.375 388.375 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.45 388.775 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.77 388.75	REMARKS  DOD FORMER SANDF  DOD

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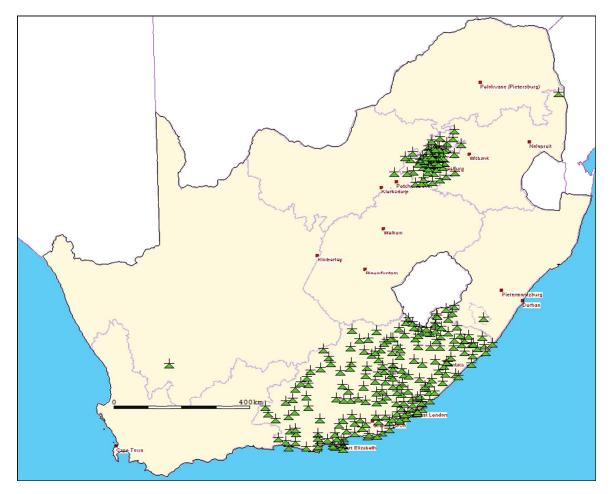
CH PLA	N FOR 390	-399.9875_	380-389.9875MHz 2006
CH. No.	BTX	MTX	REMARKS
366	399.125	389.125	DOD FORMER SANDF
367	399.15	389.15	DOD FORMER SANDF
368	399.175	389.175	DOD FORMER SANDF
369	399.2	389.2	DOD FORMER SANDF
370	399.225	389.225	DOD FORMER SANDF
371	399.25	389.25	DOD FORMER SANDF
372	399.275	389.275	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

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## 1.5.3 Areas where licensed frequencies are operational.



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# 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

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## 1.6.3 Areas where licensed frequencies are operational.



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# 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

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## 1.7.1 Channel Plan for the Frequency Allocation

SOUTH AFRICAN POLICE SERVICES  CH-PLAN FOR 417.5875 419.9875/407.5875 409.9875MHz 2006(12.5)  CH-PLAN FOR 417.5875 419.9875/407.5875 409.9875MHz 2006(12.5)  CH-PLAN FOR 417.5875 407.8875 ADDITIONAL SAPS  1 417.6875 407.6825 SAPS  4 417.6825 407.625 SAPS  5 417.6875 407.6825 SAPS  6 417.6875 407.6825 SAPS  8 417.6875 407.6875 SAPS  9 417.6875 407.6875 SAPS  9 417.6875 407.6875 SAPS  10 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  11 417.7875 407.7875 SAPS  12 417.7875 407.8875 SAPS  13 417.7875 407.8875 SAPS  14 417.7875 407.8875 SAPS  15 417.788 SAPS  17 417.7875 407.8875 SAPS  18 417.788 SAPS  19 417.7885 ADS. SAPS  19 417.7885 SAPS  19 417.7885 SAPS  22 417.887 407.8875 SAPS  32 417.895 407.895 SAPS  32 417.895 407.895 SAPS  32 417.895 407.895 SAPS  33 417.905 407.895 SAPS  34 417.995 407.895 SAPS  35 417.995 407.895 SAPS  36 417.995 407.895 SAPS  37 418.995 407.895 SAPS  38 417.995 407.895 SAPS  39 417.995 407.895 SAPS  41 417.995 407.895 SAPS  41 417.995 407.895 SAPS  41 417.995 407.895 SAPS  42 417.895 407.895 SAPS  43 417.995 407.895 SAPS  44 417.995 407.995 SAPS  39 417.995 407.995 SAPS  30 417.995 407.995 SAPS  31 418.995 407.995 SAPS  32 417.995 407.995 SAPS  32 417.995 407.995 SAPS  33 417.995 409.995 SAPS  34 418.995 409.995 SAPS  35 418.995 409.995 SAPS  36 418.995 409.995 SAPS  37 418.995 409.995 SAPS  38 418.995 409.995 SAPS  39 418.995 409.995 SAPS  40 418.995 409.995 SAPS  41 418.995 409.995	SOUTH A	EDICAN DOLIC	ESERVICES	
CH. NO	SOU I H A	PRICAN POLIC	ESERVICES	
CH. NO	CH DI A	N EOD 417 5	975 /10 08 <sup>-</sup>	75/407 5875, 400 0875MH <del>&gt;</del> 2006/12 51
1 417,5875 407,5875 ADDITIONAL SAPS 2 417,615 407,62 ADDITIONAL SAPS 3 417,615 407,62 ADDITIONAL SAPS 6 417,6376 407,6375 ADDITIONAL SAPS 7 417,625 407,6375 SAPS 8 417,675 407,6375 SAPS 8 417,675 407,6375 SAPS 8 417,675 407,625 SAPS 10 417,75 407,725 SAPS 11 417,712 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 11 417,725 407,725 SAPS 12 417,725 407,725 SAPS 13 417,725 407,725 SAPS 14 417,725 407,725 SAPS 15 417,725 407,725 SAPS 16 417,727 407,725 SAPS 17 417,726 407,727 SAPS 18 417,727 407,725 SAPS 19 417,725 407,725 SAPS 19 417,725 407,725 SAPS 19 417,725 407,725 SAPS 19 417,725 407,725 SAPS 19 417,725 407,725 SAPS 19 417,725 407,725 SAPS 20 417,725 407,725 SAPS 21 417,825 407,825 SAPS 22 417,825 407,825 SAPS 23 417,825 407,825 SAPS 24 417,825 407,825 SAPS 25 417,92 407,825 SAPS 26 417,92 407,825 SAPS 27 417,925 407,925 SAPS 28 417,92 407,925 SAPS 29 417,925 407,925 SAPS 20 417,92 407,925 SAPS 21 417,92 407,92 SAPS 22 417,925 407,925 SAPS 23 417,925 407,925 SAPS 24 417,925 407,925 SAPS 25 417,92 407,925 SAPS 26 417,92 407,925 SAPS 27 417,92 407,92 SAPS 28 417,92 407,92 SAPS 29 417,92 407,92 SAPS 30 417,92 407,92 SAPS 31 417,92 407,92 SAPS 31 417,92 407,92 SAPS 32 417,92 407,92 SAPS 33 418,03 408,025 SAPS 34 418,037 408,037 SAPS 35 418,037 408,037 SAPS 36 418,037 408,037 SAPS 37 418,037 408,037 SAPS 38 418,037 408,037 SAPS 39 418,037 40				
2 417.6 407.625 ADDITIONAL SAPS 3 417.6125 407.625 SAPS 4 417.625 407.625 SAPS 5 417.625 407.625 SAPS 6 417.625 407.625 SAPS 7 417.625 407.625 SAPS 8 417.625 407.625 SAPS 8 417.625 407.625 SAPS 9 417.625 407.625 SAPS 10 417.625 407.625 SAPS 11 417.625 407.625 SAPS 12 417.625 407.625 SAPS 12 417.725 407.7125 SAPS 12 417.725 407.7125 SAPS 13 417.725 407.725 SAPS 14 417.725 407.725 SAPS 15 417.725 407.725 SAPS 16 417.725 407.725 SAPS 17 417.725 407.727 SAPS 18 417.725 407.727 SAPS 19 417.725 407.727 SAPS 19 417.725 407.727 SAPS 19 417.725 407.727 SAPS 19 417.725 407.727 SAPS 20 417.725 407.727 SAPS 21 417.725 407.727 SAPS 22 417.63 SAPS 22 417.63 SAPS 22 417.63 SAPS 22 417.63 SAPS 23 417.63 SAPS 24 417.63 SAPS 25 SAPS 26 417.63 SAPS 27 417.63 SAPS 28 SAPS 29 417.63 SAPS 30 417.63 SAPS 30 417.63 SAPS 31 SAPS 31 SAPS 32 SAPS 33 SAPS 34 SAPS 34 SAPS 35 SAPS 36 SAPS 36 SAPS 37 SAPS 38 SAPS 39 SAP				
3 417.6125 407.625 ADDITIONAL SAPS 6 417.625 407.625 SAPS 6 417.625 407.625 SAPS 8 417.6375 407.627 SAPS 8 417.6375 407.627 SAPS 8 417.6375 407.627 SAPS 8 417.6375 407.627 SAPS 9 417.6875 407.627 SAPS 10 417.787 407.77 SAPS 11 417.713 407.77 SAPS 11 417.713 407.77 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.713 407.73 SAPS 11 417.715 407.72 SAPS 11 417.715 407.715 SAPS 11 417.715 407.715 SAPS 11 417.715 407.715 SAPS 12 417.715 407.715 SAPS 12 417.715 407.815 SAPS 12 417.815 407.82 SAPS 12 417.815 407.82 SAPS 12 417.815 407.82 SAPS 12 417.815 407.815 SAPS 13 417.815 407.815 SAPS 14 417.815 407.815 SAPS 14 417.815 407.815 SAPS 15 417.915 407.815 SAPS 16 417.915 407.815 SAPS 17 418.915 407.815 SAPS 18 418.915 407.815 SAPS 18 418.915 407.815 SAPS 18 418.915 407.815 SAPS 18 418.915 408.915 SAPS 18 418.9				
6 417.6376 407.6375 SAPS 6 417.6576 407.662 SAPS 7 417.662 407.662 SAPS 8 APS 9 417.662 407.662 SAPS 10 417.662 407.662 SAPS 10 417.77 407.7 SAPS 11 417.712 407.7 SAPS 11 417.712 407.72 SAPS 12 417.725 407.726 SAPS 13 417.725 407.726 SAPS 14 417.725 407.726 SAPS 15 417.7625 407.726 SAPS 16 417.762 407.726 SAPS 17 417.787 407.73 SAPS 18 417.7625 407.726 SAPS 19 417.787 407.775 SAPS 10 417.787 407.775 SAPS 10 417.787 407.775 SAPS 11 417.787 407.787 SAPS 12 417.787 407.787 SAPS 13 417.787 407.787 SAPS 14 417.788 407.787 SAPS 15 417.687 407.787 SAPS 17 417.887 407.882 SAPS 18 417.881 407.883 SAPS 20 417.882 407.882 SAPS 21 417.881 407.882 SAPS 22 417.881 407.882 SAPS 23 417.887 407.882 SAPS 24 417.887 407.882 SAPS 25 417.887 407.882 SAPS 26 417.897 407.892 SAPS 27 417.991 407.992 SAPS 28 417.897 407.992 SAPS 29 417.997 407.992 SAPS 29 417.997 407.992 SAPS 30 417.997 407.992 SAPS 31 417.997 407.992 SAPS 32 417.997 407.992 SAPS 33 417.997 407.992 SAPS 34 417.997 407.992 SAPS 39 419.992 A07.992 SAPS 39 419.992 A07.992 SAPS 39 419.993 A07.993 SAPS 39 419.993 A07.992 SAPS 39 419.993 A07.993 SAPS 39 419.993 A09.993 SAPS 39 419		417.6125		
6 417.665 407.662 SAPS 8 417.6625 407.6625 SAPS 8 417.6625 407.6625 SAPS 8 417.6625 407.6625 SAPS 8 417.6625 407.6625 SAPS 8 417.6625 407.7625 SAPS 10 417.725 407.725 SAPS 11 417.726 407.725 SAPS 11 417.726 407.725 SAPS 13 417.727 407.73 SAPS 13 417.727 407.73 SAPS 13 417.727 407.73 SAPS 14 417.727 407.73 SAPS 15 417.728 407.737 SAPS 16 417.73 407.73 SAPS 17 417.78 407.73 SAPS 18 417.78 407.73 SAPS 18 417.78 407.78 SAPS 19 417.81 407.81 SAPS 19 417.81 407.81 SAPS 19 417.82 407.82 SAPS 19 417.825 407.825 SAPS 20 417.825 407.825 SAPS 21 417.825 407.825 SAPS 22 417.825 407.825 SAPS 23 417.8265 407.825 SAPS 24 417.87 407.87 SAPS 25 417.887 407.887 SAPS 26 417.887 407.885 SAPS 27 417.892 407.892 SAPS 28 417.925 407.892 SAPS 29 417.937 407.937 SAPS 30 417.60 407.937 SAPS 31 417.80 407.937 SAPS 32 417.80 407.937 SAPS 33 417.90 407.937 SAPS 34 418.93 407.935 SAPS 35 418.93 407.935 SAPS 36 418.93 407.935 SAPS 37 418.93 407.935 SAPS 38 418.93 407.935 SAPS 39 418.93 407.935 SAPS 30 417.95 407.935 SAPS 31 418.93 407.935 SAPS 31 418.93 407.935 SAPS 32 419.93 407.935 SAPS 33 419.93 407.935 SAPS 34 418.93 409.935 SAPS 35 418.93 409.935 SAPS 36 418.93 409.935 SAPS 37 418.93 409.93 5 SAPS 38 418.93 409.93 5 SAPS 40 418.93 5 A09.93 5 SAPS 40				
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23         417,8625         407,8625         SAPS           24         417,875         407,8875         SAPS           25         417,8875         407,8875         SAPS           26         417,9125         407,9125         SAPS           27         417,9125         407,925         SAPS           28         417,925         407,9375         SAPS           29         417,9375         407,9375         SAPS           30         417,975         407,9375         SAPS           31         417,975         407,9375         SAPS           31         417,975         407,9375         SAPS           33         418,975         407,9375         SAPS           33         418,975         407,9375         SAPS           34         418,075         408,025         SAPS           36         418,0125         408,025         SAPS           37         418,0375         408,0375         SAPS           38         418,05         408,05         SAPS           40         418,075         408,075         SAPS           41         418,0875         408,075         SAPS           42	21	417.8375		
24         417.875         407.875         SAPS           26         417.9         407.9         SAPS           26         417.9         407.925         SAPS           27         417.925         407.925         SAPS           28         417.925         407.925         SAPS           30         417.966         407.967         SAPS           30         417.966         407.967         SAPS           31         417.9627         407.9675         SAPS           32         417.9626         407.9875         SAPS           32         417.9675         407.9875         SAPS           33         418.0126         408.0125         SAPS           34         418.025         408.0125         SAPS           36         418.025         408.0125         SAPS           37         418.0375         408.0375         SAPS           39         418.0625         408.0625         SAPS           40         418.075         408.0625         SAPS           41         418.075         408.0875         SAPS           41         418.025         408.125         SAPS           41		417.85	407.85	
25         417.8875         407.9875         SAPS           27         417.9125         407.9125         SAPS           28         417.925         407.925         SAPS           29         417.9376         407.9375         407.9375           30         417.957         407.975         SAPS           31         417.9625         407.965         SAPS           31         417.9675         407.975         SAPS           33         417.9675         407.9875         SAPS           33         417.9675         407.9875         SAPS           34         418.025         408.025         SAPS           36         418.025         408.025         SAPS           37         418.0375         408.0375         SAPS           38         418.065         408.05         SAPS           40         418.076         408.075         SAPS           41         418.0876         408.075         SAPS           42         418.11         408.175         SAPS           42         418.11         408.175         SAPS           44         418.126         408.125         SAPS           44				
26         417.9         407.91         SAPS           27         417.9125         407.925         SAPS           28         417.925         407.925         SAPS           30         417.955         407.95         SAPS           30         417.955         407.9625         SAPS           31         417.975         407.975         SAPS           32         417.975         407.975         SAPS           34         418         408         SAPS           34         418         408         SAPS           35         418.025         408.025         SAPS           36         418.025         408.025         SAPS           36         418.037         408.0375         SAPS           38         418.037         408.0375         SAPS           40         418.075         408.0625         SAPS           41         418.075         408.0675         SAPS           41         418.075         408.0675         SAPS           41         418.075         408.0675         SAPS           41         418.125         408.1125         SAPS           41         418.125				
27				
28				
29				
30				
31		417.95	407.95	SAPS
33	31	417.9625	407.9625	SAPS
34         418         408         ASPS           36         418.025         408.025         SAPS           37         418.0375         408.0375         SAPS           38         418.05         408.05         SAPS           39         418.075         408.075         SAPS           40         418.075         408.075         SAPS           41         418.075         408.075         SAPS           41         418.11         408.1         SAPS           42         418.1         408.1         SAPS           43         418.125         408.125         SAPS           44         418.125         408.125         SAPS           CH. No.         BTX         MTX         MTX         REMARKS           CH. No.         18TX         MTX         MTX         REMARKS           <				
35				
36         418.025         408.025         SAPS           37         418.0375         408.0375         SAPS           38         418.05         408.05         SAPS           40         418.075         408.075         SAPS           40         418.075         408.075         SAPS           41         418.075         408.0875         SAPS           42         418.1         408.125         SAPS           44         418.125         408.125         SAPS           44         418.125         408.125         SAPS           44         418.125         MRX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           CH. PL				
37				
38         418.05         408.05         SAPS           39         418.0625         408.075         SAPS           40         418.075         408.075         SAPS           41         418.075         408.0875         SAPS           42         418.1         408.1         SAPS           43         418.125         408.125         SAPS           44         418.125         408.125         SAPS           44         418.125         408.125         SAPS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         418.135         408.15         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.15         SAPS           48         418.175         408.175         SAPS           49         418.2         408.2         SAPS           50         418.2         408.215         SAPS           51         418.215         408.215         SAPS           53         418.2075				
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40				
42         418.1         408.1         SAPS           43         418.1125         408.125         SAPS           44         418.125         408.125         SAPS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         418.1375         408.135         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.1626         SAPS           48         418.175         408.175         SAPS           49         418.1875         408.1876         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.225         SAPS           51         418.2125         408.225         SAPS           53         418.2375         408.2376         SAPS           54         418.2375         408.25         SAPS           55         418.2625         408.255         SAPS           56         418.275         408.275         SAPS           56         418.	40	418.075	408.075	SAPS
43         418.125         408.125         SAPS           CH. No.         BTX         MTX         REMARKS           CH.PLAN FOR 417.5875_419.9875/407.5875_409.9875/MHz 2006(12.5)         CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         418.1375         408.1375         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.1625         SAPS           48         418.175         408.175         SAPS           49         418.1275         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.12         408.2125         SAPS           51         418.25         408.2125         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.255         SAPS           55         418.265         408.2675         SAPS           56         418.2675         408.275         SAPS           57         418.2875         408.275         SAPS           58         418.3125         408.31		418.0875	408.0875	
44         418.125         408.125         SAPS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           CH. No.         BTX         MTX         REMARKS           45         418.1375         408.1375         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.125         SAPS           48         418.175         408.175         SAPS           49         418.1875         408.1876         SAPS           50         418.2125         408.2125         SAPS           51         418.2125         408.225         SAPS           52         418.2215         408.225         SAPS           53         418.2375         408.25         SAPS           54         418.2875         408.255         SAPS           55         418.2625         408.275         SAPS           54         418.2875         408.275         SAPS           55         418.2875         408.275         SAPS           56         418.33125         408.3125         SAPS           60				
CH. No. BTX MTX REMARKS  CH-PLAN FOR 417.5875_419.9875/407.5875_409.9875MHz 2006(12.5)  CH. No. BTX MTX REMARKS  45 418.1375 408.1375 SAPS 46 418.1375 408.1375 SAPS 47 418.1625 408.1625 SAPS 48 418.175 408.175 SAPS 49 418.1875 408.1875 SAPS 50 418.2 408.2 SAPS 51 418.2125 408.225 SAPS 51 418.225 408.225 SAPS 52 418.2375 408.2375 SAPS 53 418.2375 408.2375 SAPS 54 418.25 408.25 SAPS 55 418.2625 408.2625 SAPS 56 418.275 408.275 SAPS 57 418.2875 408.275 SAPS 58 418.3125 408.275 SAPS 59 418.3125 408.3275 SAPS 59 418.3125 408.3275 SAPS 60 418.325 408.325 SAPS 61 418.3375 408.3375 SAPS 62 418.3375 408.3375 SAPS 63 418.3375 408.3375 SAPS 64 418.3375 408.3375 SAPS 65 418.3625 408.325 SAPS 66 418.375 408.375 SAPS 67 418.435 408.375 SAPS 68 418.375 408.375 SAPS 69 418.3875 408.375 SAPS 69 418.3875 408.375 SAPS 67 418.425 408.425 SAPS 68 418.3875 408.375 SAPS 69 418.3875 408.375 SAPS 69 418.3875 408.375 SAPS 69 418.425 408.425 SAPS 69 418.425 408.425 SAPS 69 418.425 408.425 SAPS 69 418.425 A08.375 SAPS 69 418.425 A08.375 SAPS 69 418.455 A08.375 SAPS 69 418.455 A08.375 SAPS 69 418.455 A08.455 SAPS 69 418.455 A08.455 SAPS 77 418.652 A08.455 SAPS 78 418.655 A08.455 SAPS 79 418.655 A08.555 SAPS 79 418.655 A08.555 SAPS 79 418.855 A08.8575 SAPS 71 418.8575 A08.875 SAPS 71 418.8575 A08.875 SAPS 72 418.855 A08.875 SAPS 73 418.855 A08.875 SAPS 74 418.65 A08.8575 SAPS 75 418.855 A08.8575 SAPS 76 418.455 A08.8575 SAPS 77 418.855 A08.8575 SAPS 78 418.855 A08.8575 SAPS 79 418.855 A08.8575 SAPS 71 418.8575 A08.8575 SAPS 71 418.8575 A08.8575 SAPS 72 418.855 A08.8575 SAPS 73 418.855 A08.8575 SAPS 74 418.8575 A08.8575 SAPS 75 418.855 A08.8575 SAPS 76 418.855 A08.8575 SAPS 77 418.855 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS 88 418.8675 A08.8575 SAPS				
CH-PLAN FOR 417.5875_419.9875/407.5875_409.9875MHz 2006(12.5) CH-No. BTX MTX REMARKS  45 418.1375 408.1375 SAPS  46 418.1375 408.1375 SAPS  47 418.1625 408.1625 SAPS  48 418.175 408.175 SAPS  49 418.1875 408.1875 SAPS  50 418.2 408.2 SAPS  51 418.2125 408.2125 SAPS  51 418.225 408.225 SAPS  52 418.225 408.225 SAPS  53 418.2375 408.2375 SAPS  54 418.25 408.25 SAPS  55 418.2625 408.25 SAPS  56 418.275 408.275 SAPS  57 418.2875 408.2875 SAPS  58 418.3 408.3 SAPS  59 418.3125 408.3275 SAPS  60 418.325 408.325 SAPS  61 418.3375 408.3375 SAPS  61 418.3375 408.3375 SAPS  62 418.350 408.355 SAPS  63 418.3625 408.325 SAPS  64 418.375 408.3375 SAPS  65 418.3625 408.325 SAPS  67 418.48375 408.375 SAPS  68 418.375 408.375 SAPS  69 418.375 408.375 SAPS  61 418.375 408.375 SAPS  62 418.375 408.375 SAPS  63 418.375 408.375 SAPS  64 418.375 408.375 SAPS  65 418.3875 408.375 SAPS  66 418.425 SAPS  67 418.4125 408.425 SAPS  68 418.475 408.475 SAPS  69 418.375 408.375 SAPS  69 418.375 408.375 SAPS  61 418.3875 408.375 SAPS  62 418.3875 408.375 SAPS  63 418.3875 408.375 SAPS  64 418.455 SAPS  65 418.455 SAPS  66 418.455 SAPS  67 418.455 SAPS  68 418.4575 408.455 SAPS  70 418.45 408.45 SAPS  71 418.455 408.45 SAPS  73 418.655 408.525 SAPS  74 418.55 SAPS  75 418.557 SAPS  76 418.557 SAPS  77 418.557 SAPS  78 418.557 SAPS  79 418.557 SAPS  80 418.657 SAPS  81 418.657 SAPS  82 418.657 SAPS  83 418.657 SAPS  84 418.657 SAPS  85 418.657 SAPS  86 418.657 SAPS  87 418.652 SAPS  88 418.657 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS	44	418.125	408.125	SAPS
CH-PLAN FOR 417.5875_419.9875/407.5875_409.9875MHz 2006(12.5) CH-No. BTX MTX REMARKS  45 418.1375 408.1375 SAPS  46 418.1375 408.1375 SAPS  47 418.1625 408.1625 SAPS  48 418.175 408.175 SAPS  49 418.1875 408.1875 SAPS  50 418.2 408.2 SAPS  51 418.2125 408.2125 SAPS  51 418.225 408.225 SAPS  52 418.225 408.225 SAPS  53 418.2375 408.2375 SAPS  54 418.25 408.25 SAPS  55 418.2625 408.25 SAPS  56 418.275 408.275 SAPS  57 418.2875 408.2875 SAPS  58 418.3 408.3 SAPS  59 418.3125 408.3275 SAPS  60 418.325 408.325 SAPS  61 418.3375 408.3375 SAPS  61 418.3375 408.3375 SAPS  62 418.350 408.355 SAPS  63 418.3625 408.325 SAPS  64 418.375 408.3375 SAPS  65 418.3625 408.325 SAPS  67 418.48375 408.375 SAPS  68 418.375 408.375 SAPS  69 418.375 408.375 SAPS  61 418.375 408.375 SAPS  62 418.375 408.375 SAPS  63 418.375 408.375 SAPS  64 418.375 408.375 SAPS  65 418.3875 408.375 SAPS  66 418.425 SAPS  67 418.4125 408.425 SAPS  68 418.475 408.475 SAPS  69 418.375 408.375 SAPS  69 418.375 408.375 SAPS  61 418.3875 408.375 SAPS  62 418.3875 408.375 SAPS  63 418.3875 408.375 SAPS  64 418.455 SAPS  65 418.455 SAPS  66 418.455 SAPS  67 418.455 SAPS  68 418.4575 408.455 SAPS  70 418.45 408.45 SAPS  71 418.455 408.45 SAPS  73 418.655 408.525 SAPS  74 418.55 SAPS  75 418.557 SAPS  76 418.557 SAPS  77 418.557 SAPS  78 418.557 SAPS  79 418.557 SAPS  80 418.657 SAPS  81 418.657 SAPS  82 418.657 SAPS  83 418.657 SAPS  84 418.657 SAPS  85 418.657 SAPS  86 418.657 SAPS  87 418.652 SAPS  88 418.657 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS  89 418.6875 SAPS	CH. No.	BTX	MTX	REMARKS
CH. No.         BTX         MTX         REMARKS           45         418.1375         408.1375         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.125         SAPS           48         418.175         408.175         SAPS           49         418.1876         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.225         408.225         SAPS           53         418.2375         408.237         SAPS           54         418.25         408.25         SAPS           54         418.265         408.25         SAPS           54         418.275         408.275         SAPS           56         418.275         408.275         SAPS           57         418.2876         408.275         SAPS           58         418.3         408.32         SAPS           59         418.3125         408.325         SAPS           60         418.3375         408.325         SAPS           61         418.33	011.140.			
CH. No.         BTX         MTX         REMARKS           45         418.1375         408.1375         SAPS           46         418.15         408.15         SAPS           47         418.1625         408.125         SAPS           48         418.175         408.175         SAPS           49         418.1876         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.225         408.225         SAPS           53         418.2375         408.235         SAPS           54         418.25         408.25         SAPS           54         418.265         408.25         SAPS           54         418.275         408.275         SAPS           56         418.275         408.275         SAPS           57         418.2876         408.2876         SAPS           58         418.3         408.3125         SAPS           59         418.3125         408.325         SAPS           60         418.325         408.325         SAPS           61         418.				
45         418.1375         408.15         SAPS           46         418.1625         408.1625         SAPS           47         418.1625         408.1625         SAPS           48         418.175         408.175         SAPS           49         418.1875         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.25         408.25         SAPS           53         418.2375         408.237         SAPS           54         418.25         408.25         SAPS           54         418.257         408.255         SAPS           55         418.2625         408.25         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           59         418.3125         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.325         SAPS           62         418.37         408.375         SAPS           63	CH-PLA	N FOR 417 5		
48         418.15         408.15         SAPS           47         418.1625         408.1625         SAPS           48         418.175         408.175         SAPS           49         418.1875         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.225         408.225         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.2625         SAPS           54         418.25         408.265         SAPS           55         418.2625         408.265         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.325         SAPS           63         418.3625         408.3875         SAPS           64 <td< td=""><td></td><td></td><td>875_419.98</td><td>75/407.5875_409.9875MHz 2006(12.5</td></td<>			875_419.98	75/407.5875_409.9875MHz 2006(12.5
47         418.1625         408.175         408.175         APS           48         418.175         408.175         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.22.5         SAPS           51         418.225         408.22.5         SAPS           52         418.225         408.22.5         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.25         SAPS           54         418.26         408.262         SAPS           55         418.2625         408.275         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.275         SAPS           58         418.3         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.35         SAPS           63         418.3875         408.375         SAPS           64         418.375         408.375         SAPS <td< td=""><td>CH. No.</td><td>BTX</td><td>875_419.98 MTX</td><td>    75/407.5875_409.9875MHz 2006(12.5    REMARKS</td></td<>	CH. No.	BTX	875_419.98 MTX	   75/407.5875_409.9875MHz 2006(12.5    REMARKS
49         418.1875         408.1875         SAPS           50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.225         408.225         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.25         SAPS           54         418.265         408.265         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.275         SAPS           57         418.3275         408.327         SAPS           58         418.3         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.375         SAPS           61         418.3375         408.35         SAPS           63         418.3625         408.3625         SAPS           64         418.375         408.375         SAPS           63         418.3625         408.375         SAPS           64         418.4125         408.375         SAPS           65 <td< td=""><td>CH. No. 45</td><td>BTX 418.1375</td><td>875_419.98 MTX 408.1375</td><td>75/407.5875_409.9875MHz 2006(12.5) REMARKS SAPS</td></td<>	CH. No. 45	BTX 418.1375	875_419.98 MTX 408.1375	75/407.5875_409.9875MHz 2006(12.5) REMARKS SAPS
50         418.2         408.2         SAPS           51         418.2125         408.2125         SAPS           52         418.225         408.225         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.225         SAPS           55         418.2625         408.2625         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3125         408.3275         SAPS           59         418.3125         408.325         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.335         SAPS           62         418.35         408.35         SAPS           63         418.375         408.375         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425 <ts>SAPS           68         41</ts>	CH. No. 45 46	BTX 418.1375 418.15	875_419.98 MTX 408.1375 408.15	   75/407.5875_409.9875MHz 2006(12.5   REMARKS   SAPS   SAPS
511         418.2125         408.2125         SAPS           52         418.2375         408.2375         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.25         SAPS           54         418.262         408.2625         SAPS           55         418.275         408.275         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3         408.3         SAPS           59         418.3125         408.325         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.35         SAPS           63         418.3625         408.357         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           65         418.3875         408.4375         SAPS           66         418.4         408.4         SAPS           67	CH. No. 45 46 47	BTX 418.1375 418.15 418.1625	MTX 408.1375 408.1625	75/407.5875_409.9875MHz 2006(12.5)  REMARKS SAPS SAPS SAPS SAPS SAPS SAPS
52         418.2375         408.235         SAPS           53         418.2375         408.2375         SAPS           54         418.25         408.265         SAPS           55         418.2625         408.2625         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3125         408.325         SAPS           59         418.3125         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.355         SAPS           63         418.375         408.375         SAPS           64         418.375         408.375         SAPS           65         418.4375         408.375         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.455         408.425         SAPS           69         418.457         408.455         SAPS           71         <	CH. No. 45 46 47 48 49	BTX 418.1375 418.15 418.1625 418.175 418.1875	875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.1875	T5/407.5875_409.9875MHz 2006(12.5   REMARKS   SAP
53         418.2375         408.2375         SAPS           54         418.252         408.25         SAPS           55         418.2625         408.2625         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3         408.3         SAPS           59         418.3125         408.325         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.325         SAPS           62         418.35         408.35         SAPS           63         418.3625         408.3625         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           66         418.475         408.4875         SAPS           67         418.4125         408.425         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71 <td< td=""><td>CH. No. 45 46 47 48 49 50</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2</td><td>875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2</td><td>75/407.5875_409.9875MHz 2006(12.5 REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS</td></td<>	CH. No. 45 46 47 48 49 50	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2	875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2	75/407.5875_409.9875MHz 2006(12.5 REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
54         418.25         408.25         SAPS           55         418.2625         408.2625         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.275         SAPS           58         418.3         408.3         APS           59         418.3125         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.3375         SAPS           63         418.357         408.357         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.455         408.425         SAPS           69         418.457         408.45         SAPS           71         418.4625         408.425         SAPS           71         418.4625         408.455         SAPS           73         418.45	CH. No. 45 46 47 48 49 50 51	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2 418.2125	875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2 408.2125	T5/407.5875_409.9875MHz 2006(12.5   REMARKS   SAP
55         418.2625         408.2625         SAPS           56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         416.3         408.3         SAPS           59         418.3125         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.35         SAPS           63         418.3625         408.35         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.425         408.425         SAPS           69         418.45         408.45         SAPS           70         418.45         408.455         SAPS           71         418.4625         408.4625         SAPS           72         418.475         408.475         SAPS           73         418.52	CH. No. 45 46 47 48 49 50 51	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2 418.2125 418.225	875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2 408.2125 408.225	75/407.5875_409.9875MHz 2006(12.5 REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
56         418.275         408.275         SAPS           57         418.2875         408.2875         SAPS           58         418.3         408.3         SAPS           59         418.3125         408.325         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.35         SAPS           63         418.3625         408.357         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           69         418.4375         408.4375         SAPS           69         418.457         408.457         SAPS           71         418.4625         408.425         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           75         418.5125         408.5125         SAPS           76 <td< td=""><td>CH. No. 45 46 47 48 49 50 51 52 53</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2 418.2125 418.225 418.2375</td><td>875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.175 408.2 408.2125 408.225 408.2375</td><td>75/407.5875_409.9875MHz 2006(12.5  REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SA</td></td<>	CH. No. 45 46 47 48 49 50 51 52 53	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2 418.2125 418.225 418.2375	875_419.98 MTX 408.1375 408.15 408.1625 408.175 408.175 408.2 408.2125 408.225 408.2375	75/407.5875_409.9875MHz 2006(12.5  REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SA
57         418.2875         408.2875         SAPS           58         418.31         408.3         SAPS           59         418.3125         408.3125         SAPS           60         418.3275         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.362         SAPS           63         418.3625         408.3625         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.375         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.4125         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.425         SAPS           70         418.45         408.425         SAPS           71         418.4625         408.455         SAPS           72         418.475         408.475         SAPS           73         418.475         408.475         SAPS           74         418.5         408.5125         SAPS           75         4	CH. No. 45 46 47 48 49 50 51 52 53 54	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2 418.2125 418.225 418.2375 418.25	875_419.98 MTX 408.1375 408.15 408.15 408.1625 408.1875 408.2 408.225 408.225 408.2375 408.25	T5/407.5875_409.9875MHz 2006(12.5   REMARKS   SAP
59         418.3125         408.3125         SAPS           60         418.325         408.325         SAPS           61         418.3375         408.3375         SAPS           62         418.35         408.35         SAPS           63         418.3622         408.3625         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.455         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5125         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           76 <t< td=""><td>CH. No. 45 46 47 48 49 50 51 52 53 54 55</td><td>BTX 418.1375 418.15 418.1625 418.1625 418.1875 418.2 418.2125 418.225 418.2375 418.25 418.265</td><td>875_419.98' MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2125 408.2125 408.2375 408.25 408.25 408.265</td><td>75/407.5875_409.9875MHz 2006(12.5  REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SA</td></t<>	CH. No. 45 46 47 48 49 50 51 52 53 54 55	BTX 418.1375 418.15 418.1625 418.1625 418.1875 418.2 418.2125 418.225 418.2375 418.25 418.265	875_419.98' MTX 408.1375 408.15 408.1625 408.175 408.1875 408.2125 408.2125 408.2375 408.25 408.25 408.265	75/407.5875_409.9875MHz 2006(12.5  REMARKS SAPS SAPS SAPS SAPS SAPS SAPS SAPS SA
60 418.325 408.325 SAPS 61 418.3375 408.3375 SAPS 62 418.35 408.35 SAPS 63 418.3625 408.3625 SAPS 64 418.375 408.375 SAPS 65 418.3875 408.375 SAPS 66 418.3875 408.3875 SAPS 66 418.3875 408.3875 SAPS 67 418.4125 408.4125 SAPS 68 418.425 408.425 SAPS 69 418.4375 408.4375 SAPS 69 418.4375 408.4375 SAPS 70 418.45 408.4375 SAPS 71 418.4625 408.425 SAPS 72 418.475 408.475 SAPS 73 418.4875 408.4875 SAPS 74 418.5 408.475 SAPS 75 418.5125 408.5125 SAPS 76 418.525 408.525 SAPS 77 418.5375 408.525 SAPS 78 418.55 408.525 SAPS 79 418.562 408.555 SAPS 79 418.562 408.555 SAPS 79 418.562 408.555 SAPS 80 418.575 408.575 SAPS 81 418.5875 408.575 SAPS 82 418.6125 408.625 SAPS 83 418.625 408.625 SAPS 84 418.625 408.625 SAPS 85 418.6375 408.6375 SAPS 86 418.6375 408.6375 SAPS 87 418.625 408.625 SAPS 88 418.6375 408.6375 SAPS 89 418.6375 408.6375 SAPS 80 418.6375 408.6375 SAPS 81 418.6325 408.625 SAPS 84 418.652 408.625 SAPS 85 418.6375 408.6375 SAPS 86 418.6375 408.6375 SAPS 87 418.662 408.6625 SAPS 88 418.6675 408.6625 SAPS 89 418.6875 408.6875 SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57	BTX 418.1375 418.15 418.1625 418.1625 418.1875 418.275 418.225 418.225 418.225 418.2625 418.2625 418.2625 418.2675 418.2675	875_419.98' MTX 408.1375 408.157 408.1625 408.175 408.175 408.25 408.225 408.225 408.2375 408.25 408.255 408.2625 408.2625 408.275 408.275	REMARKS   SAPS
61         418.3375         408.3375         SAPS           62         418.355         408.35         SAPS           63         418.3625         408.3625         SAPS           64         418.375         408.375         SAPS           65         418.375         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.4125         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.455         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.55         408.5125         SAPS           75         418.525         408.525         SAPS           76         418.525         408.525         SAPS           77         418.525         408.525         SAPS           75         418.525         408.525         SAPS           76	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.225 418.2125 418.225 418.225 418.25 418.25 418.25 418.25 418.25 418.25 418.25 418.275 418.275 418.287	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1875 408.25 408.2125 408.225 408.2375 408.2875 408.2875 408.2875 408.2875 408.2875	T5/407.5875_409.9875MHz 2006(12.5   REMARKS   SAP
62 418.35 408.35 SAPS 63 418.3625 408.3625 SAPS 64 418.377 408.375 SAPS 65 418.3875 408.375 SAPS 66 418.3875 408.3875 SAPS 66 418.4 408.4 SAPS 67 418.4125 408.4125 SAPS 68 418.425 408.425 SAPS 69 418.4375 408.4375 SAPS 70 418.45 408.45 SAPS 71 418.4625 408.452 SAPS 72 418.475 408.475 SAPS 73 418.4875 408.475 SAPS 74 418.5 408.475 SAPS 75 418.5125 408.5125 SAPS 76 418.525 408.525 SAPS 77 418.5375 408.525 SAPS 78 418.55 408.525 SAPS 79 418.562 408.525 SAPS 79 418.562 408.525 SAPS 80 418.575 408.575 SAPS 81 418.5875 408.575 SAPS 82 418.6125 408.625 SAPS 83 418.6125 408.625 SAPS 84 418.625 408.625 SAPS 85 418.6125 408.575 SAPS 86 418.6375 408.652 SAPS 87 418.6125 408.652 SAPS 88 418.625 408.625 SAPS 89 418.6375 408.6375 SAPS 80 418.6375 408.6375 SAPS 81 418.6325 408.6375 SAPS 82 418.6125 408.625 SAPS 83 418.6125 408.625 SAPS 84 418.625 408.625 SAPS 85 418.6375 408.6375 SAPS 86 418.6375 408.6375 SAPS 87 418.662 408.6625 SAPS 88 418.6675 408.6625 SAPS 89 418.6875 408.6875 SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.225 418.225 418.2875 418.2875 418.2875 418.2875 418.33418.3125	875_419.98 MTX 408.1375 408.15 408.15 408.1875 408.1875 408.215 408.225 408.225 408.225 408.235 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25 408.25	T5/407.5875_409.9875MHz 2006(12.5
63         418.3625         408.3625         SAPS           64         418.375         408.375         SAPS           65         418.3875         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.425         SAPS           70         418.45         408.45         SAPS           71         418.452         408.45         SAPS           71         418.452         408.45         SAPS           71         418.452         408.45         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.475         SAPS           74         418.55         408.5         SAPS           75         418.5125         408.525         SAPS           76         418.525         408.525         SAPS           78         418.55         408.5375         SAPS           80         418.575         408.5625         SAPS           80         418.675<	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.2375 418.265 418.265 418.2875 418.33 418.3125 418.3125 418.325	875_419.98' MTX 408.1375 408.15 408.1625 408.175 408.1875 408.25 408.2125 408.225 408.2375 408.25 408.25 408.265 408.276 408.276 408.3875 408.3125 408.3125 408.325	T5/407.5875_409.9875MHz 2006(12.5
64         418.375         408.375         SAPS           65         418.3875         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.4125         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.4525         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.475         SAPS           74         418.5         408.5125         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.525         SAPS           78         418.55         408.5375         SAPS           79         418.5625         408.575         SAPS           80         418.675         408.6875         SAPS           81         418.625         408.625         SAPS           84 <t< td=""><td>CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.225 418.225 418.25 418.25 418.25 418.25 418.275 418.2875 418.3375 418.3375</td><td>875_419.98 MTX 408.1375 408.15 408.15 408.1875 408.1875 408.25 408.225 408.225 408.225 408.25 408.275 408.275 408.2875 408.2875 408.2875 408.2875 408.2875 408.325 408.325 408.325 408.325 408.325</td><td>  T5/407.5875_409.9875MHz 2006(12.5</td></t<>	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.225 418.225 418.25 418.25 418.25 418.25 418.275 418.2875 418.3375 418.3375	875_419.98 MTX 408.1375 408.15 408.15 408.1875 408.1875 408.25 408.225 408.225 408.225 408.25 408.275 408.275 408.2875 408.2875 408.2875 408.2875 408.2875 408.325 408.325 408.325 408.325 408.325	T5/407.5875_409.9875MHz 2006(12.5
65         418.3875         408.3875         SAPS           66         418.4         408.4         SAPS           67         418.4125         408.425         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.425         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.4625         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.525         SAPS           78         418.525         408.525         SAPS           79         418.5625         408.5625         SAPS           80         418.5875         408.575         SAPS           81         418.5875         408.5875         SAPS           82         418.6125         408.625         SAPS           83 <t< td=""><td>CH. No. 45 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.2375 418.265 418.265 418.275 418.3275 418.315 418.315 418.325 418.325 418.325 418.325 418.3375 418.325 418.3375</td><td>875_419.98'  MTX 408.1375 408.15 408.1625 408.175 408.175 408.25 408.225 408.2375 408.25 408.25 408.25 408.25 408.25 408.25 408.375 408.375 408.375 408.375 408.375 408.3375 408.3375 408.3375 408.335</td><td>  REMARKS   SAPS</td></t<>	CH. No. 45 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.2375 418.265 418.265 418.275 418.3275 418.315 418.315 418.325 418.325 418.325 418.325 418.3375 418.325 418.3375	875_419.98'  MTX 408.1375 408.15 408.1625 408.175 408.175 408.25 408.225 408.2375 408.25 408.25 408.25 408.25 408.25 408.25 408.375 408.375 408.375 408.375 408.375 408.3375 408.3375 408.3375 408.335	REMARKS   SAPS
67         418.4125         408.4125         SAPS           68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.4625         SAPS           71         418.475         408.475         SAPS           72         418.475         408.475         SAPS           73         418.475         408.475         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.525         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           79         418.5625         408.655         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.575         SAPS           82         418.6125         408.625         SAPS           83         418.6125         408.625         SAPS           84         418.625         408.625         SAPS           85 <t< td=""><td>CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 57 58 59 60 61 62 63 63</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.225 418.2125 418.225 418.227 418.227 418.287 418.287 418.375 418.38375 418.325 418.3375 418.3375 418.3375 418.3375 418.3375 418.3375 418.3625</td><td>875_419.98 MTX 408.1375 408.1375 408.15 408.1625 408.1875 408.25 408.2125 408.225 408.225 408.225 408.225 408.2875 408.2875 408.3875 408.3975 408.3975 408.3083 408.3083 408.3083 408.3085 408.3085 408.3085</td><td>  T5/407.5875_409.9875MHz 2006(12.5</td></t<>	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 57 58 59 60 61 62 63 63	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.225 418.2125 418.225 418.227 418.227 418.287 418.287 418.375 418.38375 418.325 418.3375 418.3375 418.3375 418.3375 418.3375 418.3375 418.3625	875_419.98 MTX 408.1375 408.1375 408.15 408.1625 408.1875 408.25 408.2125 408.225 408.225 408.225 408.225 408.2875 408.2875 408.3875 408.3975 408.3975 408.3083 408.3083 408.3083 408.3085 408.3085 408.3085	T5/407.5875_409.9875MHz 2006(12.5
68         418.425         408.425         SAPS           69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.45         SAPS           71         418.4625         408.45         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.525         SAPS           76         418.527         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.55         408.55         SAPS           79         418.5625         408.5625         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.6875         SAPS           82         418.6125         408.6125         SAPS           83         418.6125         408.625         SAPS           85         418.6375         408.6375         SAPS           86         <	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 58 59 60 61 62 63 64 64 64 64 64 64 64 64 64 64 64 64 64	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.2375 418.25 418.265 418.265 418.275 418.375 418.3125 418.3125 418.3375 418.35625 418.3625 418.375 418.375	875_419.98' MTX 408.1375 408.155 408.1625 408.175 408.175 408.215 408.225 408.225 408.225 408.225 408.25 408.25 408.25 408.3125	T5/407.5875_409.9875MHz 2006(12.5
69         418.4375         408.4375         SAPS           70         418.45         408.45         SAPS           71         418.4625         408.4625         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.55         408.55         SAPS           79         418.5625         408.575         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.6875         SAPS           82         418.6125         408.6125         SAPS           83         418.6125         408.625         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.652         408.6625         SAPS           87	CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  60  61  62  63  64  65  66	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.2875 418.2875 418.2875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875	875_419.98;  MTX 408.1375 408.15 408.155 408.1875 408.1875 408.225 408.225 408.225 408.225 408.25 408.2625 408.275 408.375 408.325 408.325 408.325 408.3375 408.3625 408.3625 408.375 408.3625 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375	T5/407.5875_409.9875MHz 2006(12.5
70         418.45         408.45         SAPS           71         418.4625         408.4625         SAPS           72         418.4775         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.562         408.5625         SAPS           79         418.5625         408.5625         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.575         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88 <t< td=""><td>CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 56 67 68 69 61 62 63 64 65 66</td><td>BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.2375 418.265 418.265 418.265 418.3275 418.33 418.3125 418.325 418.325 418.325 418.325 418.375 418.375 418.385 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875</td><td>875_419.98' MTX 408.1375 408.1375 408.15 408.15 408.1625 408.275 408.225 408.215 408.225 408.2375 408.287 408.287 408.287 408.3375 408.3375 408.335 408.3375 408.3875 408.3875 408.3875 408.3875 408.4125</td><td>  T5/407.5875_409.9875MHz 2006(12.5</td></t<>	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 56 67 68 69 61 62 63 64 65 66	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.2375 418.265 418.265 418.265 418.3275 418.33 418.3125 418.325 418.325 418.325 418.325 418.375 418.375 418.385 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875	875_419.98' MTX 408.1375 408.1375 408.15 408.15 408.1625 408.275 408.225 408.215 408.225 408.2375 408.287 408.287 408.287 408.3375 408.3375 408.335 408.3375 408.3875 408.3875 408.3875 408.3875 408.4125	T5/407.5875_409.9875MHz 2006(12.5
71         418.4625         408.4625         SAPS           72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.55         408.555         SAPS           79         418.5625         408.5625         SAPS           80         418.675         408.575         SAPS           81         418.5875         408.575         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.625         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.625         SAPS           87         418.6625         408.625         SAPS           88         418.675         408.625         SAPS           89	CH. No.  45  46  47  48  49  50  51  52  53  54  55  66  61  62  63  64  65  66  67  68	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.225 418.227 418.227 418.25 418.267 418.275 418.375 418.375 418.375 418.3875 418.3875 418.3875 418.3875 418.3875 418.44	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1875 408.25 408.225 408.225 408.225 408.225 408.275 408.265 408.375 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.44	T5/407.5875_409.9875MHz 2006(12.5
72         418.475         408.475         SAPS           73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.55         408.55         SAPS           79         418.5625         408.6625         SAPS           80         418.575         408.575         SAPS           81         418.575         408.575         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.665         408.625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS           89         418	CH. No. 45 46 47 48 49 50 50 51 52 53 54 55 56 67 68 69	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.225 418.2375 418.265 418.265 418.275 418.3275 418.327 418.3375 418.325 418.3375 418.3375 418.347 418.3484 418.44125 418.4375	875_419.98  MTX 408.1375 408.15 408.15 408.1625 408.175 408.1875 408.215 408.225 408.225 408.225 408.225 408.25 408.275 408.3125	T5/407.5875_409.9875MHz 2006(12.5
73         418.4875         408.4875         SAPS           74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.5375         408.5375         SAPS           78         418.55         408.55         SAPS           79         418.5625         408.5625         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.5875         SAPS           82         418.6876         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS           89         418.68875         408.6875         SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 67 68 69 77	BTX 418.1375 418.157 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.275 418.375 418.3125 418.3375 418.3375 418.3375 418.3875 418.3975 418.4925 418.495 418.495	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1875 408.25 408.2125 408.2125 408.225 408.225 408.2375 408.2875 408.2875 408.3875 408.38375 408.38375 408.3855 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.48425 408.425 408.4375	T5/407.5875_409.9875MHz 2006(12.5
74         418.5         408.5         SAPS           75         418.5125         408.5125         SAPS           76         418.525         408.525         SAPS           77         418.6375         408.55         SAPS           78         418.55         408.55         SAPS           79         418.6625         408.6525         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.5875         SAPS           82         418.6         408.6125         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 50 50 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.2 418.2125 418.225 418.2375 418.265 418.265 418.2675 418.325 418.325 418.325 418.3375 418.3625 418.3625 418.375 418.3875 418.3875 418.3875 418.448455 418.44575 418.455 418.455	875_419.98' MTX 408.1375 408.15 408.15 408.1625 408.1875 408.25 408.225 408.225 408.225 408.225 408.25 408.25 408.375 408.3125 408.325 408.325 408.325 408.325 408.325 408.325 408.345 408.35 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.375 408.4725 408.475 408.475 408.475 408.475 408.4625	T5/407.5875_409.9875MHz 2006(12.5
76         418.525         408.525         SAPS           77         418.6375         408.6375         SAPS           78         418.55         408.55         SAPS           79         418.5625         408.525         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.575         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.6125         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 50 50 51 52 53 54 55 66 67 62 63 64 65 66 67 68 69 70 71 72	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.2875 418.2875 418.3375 418.3375 418.395 418.495 418.4125 418.425 418.425 418.455 418.455 418.455 418.455	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.215 408.225 408.225 408.2375 408.25 408.25 408.25 408.375 408.33 408.3125 408.335 408.3625 408.375 408.3835 408.375 408.385 408.375 408.3875 408.48435 408.4125 408.425 408.425 408.425 408.425 408.425 408.425 408.455 408.455	T5/407.5875_409.9875MHz 2006(12.5
77	CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  68  69  70  71  72  73  74	BTX 418.1375 418.15 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.265 418.3275 418.325 418.325 418.325 418.325 418.325 418.325 418.345 418.4375 418.445 418.4575	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.225 408.2125 408.225 408.225 408.2375 408.25 408.25 408.3375 408.33 408.3125 408.3375 408.3975 408.3975 408.3975 408.3975 408.3975 408.498.3975 408.498.3975 408.498.498.498.498.498.498.498.498.498.49	T5/407.5875_409.9875MHz 2006(12.5
78         418.55         408.55         SAPS           79         418.6525         408.6525         SAPS           80         418.575         408.575         SAPS           81         418.5875         408.5875         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 50 50 51 52 53 54 55 56 67 58 60 61 62 63 64 65 66 67 67 68 69 70 71 72 73 74	BTX 418.1375 418.157 418.1625 418.175 418.1875 418.2125 418.225 418.225 418.225 418.225 418.257 418.265 418.275 418.375 418.3125 418.3125 418.3375 418.3625 418.375 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.3875 418.4844 418.4125 418.425 418.425 418.425 418.455 418.455 418.455 418.475 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875	875_419.98' MTX 408.1375 408.1375 408.155 408.1625 408.1875 408.225 408.225 408.225 408.225 408.2375 408.265 408.275 408.3875 408.3875 408.3875 408.38875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875	T5/407.5875_409.9875MHz 2006(12.5
79 418.5625 408.5625 SAPS 80 418.575 408.575 SAPS 81 418.5875 408.5875 SAPS 82 418.6 408.6 SAPS 83 418.6125 408.6125 SAPS 84 418.625 408.625 SAPS 85 418.6375 408.6375 SAPS 86 418.65 408.65 SAPS 87 418.6625 408.625 SAPS 88 418.675 408.6875 SAPS 89 418.6875 408.6875 SAPS 89 418.6875 408.6875 SAPS	CH. No. 45 46 47 48 49 60 61 52 53 54 55 66 67 68 69 70 71 72 73 74 75	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.225 418.225 418.225 418.225 418.265 418.275 418.2875 418.3375 418.3125 418.325 418.3375 418.348 418.345 418.345 418.355 418.3625 418.3625 418.375 418.3875 418.3875 418.375 418.484 418.4125 418.4375 418.4375 418.485 418.4875 418.4875 418.525 418.525 418.525	875_419.98' MTX 408.1375 408.1375 408.15 408.155 408.1625 408.257 408.225 408.225 408.2375 408.287 408.287 408.287 408.287 408.33125 408.33125 408.335 408.345 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.525	T5/407.5875_409.9875MHz 2006(12.5
80         418.575         408.575         SAPS           81         418.6875         408.5875         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  68  69  70  71  72  73  74  75  76  77	BTX 418.1375 418.157 418.15625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.275 418.2875 418.3375 418.3375 418.395 418.395 418.395 418.3414 418.4125 418.4375 418.4375 418.4415 418.455 418.455 418.475 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.5375	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.25 408.2125 408.215 408.225 408.225 408.275 408.2875 408.3375 408.3835 408.3625 408.3875 408.3875 408.484 408.495 408.595 408.595	T5/407.5875_409.9875MHz 2006(12.5
81         418.5875         408.5875         SAPS           82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 48 49 49 50 51 52 53 54 55 56 67 68 69 70 77 72 73 74 75 76 77 78	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.225 418.225 418.2375 418.265 418.265 418.2875 418.325 418.325 418.325 418.325 418.325 418.3375 418.3625 418.3475 418.4845 418.4855 418.4875 418.4875 418.4875 418.525 418.5375 418.525 418.5375 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.4875 418.525 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.5375 418.55	875_419.98;  MTX 408.1375 408.155 408.155 408.1875 408.1875 408.28 408.275 408.225 408.2375 408.25 408.255 408.2625 408.275 408.325 408.325 408.325 408.325 408.3375 408.3625 408.375 408.3875 408.3875 408.3875 408.44 408.4125 408.4125 408.4125 408.475 408.4875 408.4875 408.4875 408.4875 408.525 408.525 408.525 408.525	T5/407.5875_409.9875MHz 2006(12.5
82         418.6         408.6         SAPS           83         418.6125         408.6125         SAPS           84         418.625         408.625         SAPS           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 49 50 50 51 52 53 54 55 56 66 67 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.275 418.3375 418.3375 418.395 418.395 418.3975 418.3975 418.491 418.491 418.491 418.491 418.495 418.495 418.495 418.495 418.495 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595	875_419.98' MTX 408.1375 408.1375 408.15 408.15 408.1625 408.1875 408.225 408.225 408.225 408.2375 408.25 408.25 408.375 408.3375 408.38375 408.3875 408.3875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.5875 408.4875 408.4875 408.4875 408.4875 408.5375 408.525 408.498.498.545 408.498.545 408.498.545 408.498.545 408.55375 408.55375 408.5525 408.55375 408.5525	T5/407.5875_409.9875MHz 2006(12.5
83         418.6125         408.6125         SAPS           84         418.625         408.625         408.625           85         418.6375         408.6375         SAPS           86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 49 50 61 62 52 53 54 54 55 66 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.2875 418.295 418.2975 418.2975 418.2875 418.325 418.325 418.325 418.3375 418.3625 418.3375 418.3875 418.3484 418.44845 418.455 418.475 418.4875 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525 418.525	875_419.98' MTX 408.1375 408.155 408.1625 408.1875 408.1875 408.225 408.225 408.225 408.225 408.225 408.2575 408.265 408.275 408.3875 408.3825 408.3825 408.3825 408.3825 408.3825 408.3825 408.3875 408.3875 408.3875 408.4875 408.498.498.498.498.498.498.498.498.498.49	T5/407.5875_409.9875MHz 2006(12.5
84     418.625     408.625     SAPS       85     418.6375     408.6375     SAPS       86     418.65     408.65     SAPS       87     418.6625     408.6625     SAPS       88     418.675     408.675     SAPS       89     418.6875     408.6875     SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	BTX 418.1375 418.157 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.265 418.325 418.325 418.325 418.325 418.325 418.325 418.375 418.3875 418.484 418.4125 418.495 418.495 418.495 418.495 418.495 418.495 418.495 418.495 418.495 418.495 418.495 418.595 418.595 418.595 418.595 418.595 418.595 418.595	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.215 408.225 408.225 408.2375 408.2375 408.2375 408.3375 408.3375 408.338 408.3625 408.3625 408.375 408.385 408.485 408.485 408.485 408.485 408.485 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.525 408.525 408.525 408.525 408.5375 408.555	T5/407.5875_409.9875MHz 2006(12.5
86         418.65         408.65         SAPS           87         418.6625         408.6625         SAPS           88         418.675         408.675         SAPS           89         418.6875         408.6875         SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 60 61 62 63 64 65 66 67 77 78 78 80 81	BTX 418.1375 418.157 418.155 418.1625 418.175 418.1875 418.2125 418.2125 418.2275 418.225 418.225 418.225 418.265 418.275 418.325 418.3125 418.3125 418.325 418.325 418.375 418.3875 418.3875 418.44 418.4125 418.4575 418.4575 418.455 418.455 418.455 418.525 418.5375 418.5375 418.5375 418.5375	875_419.98' MTX 408.1375 408.1375 408.155 408.1625 408.1875 408.225 408.225 408.225 408.225 408.2375 408.3275 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.3875 408.4875 408.498495 408.498595 408.498595 408.498595 408.498595 408.498595 408.498595 408.498595 408.575 408.575 408.575 408.575 408.575 408.575 408.575 408.575	T5/407.5875_409.9875MHz 2006(12.5
87     418.6625     408.6625     SAPS       88     418.675     408.675     SAPS       89     418.6875     408.6875     SAPS	CH. No. 45 46 47 48 49 50 50 50 51 52 53 54 55 56 66 67 68 69 70 71 72 73 74 75 76 77 78 80 80 81 82 83 84	BTX 418.1375 418.157 418.15625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.275 418.3375 418.3375 418.3375 418.395 418.495 418.495 418.495 418.495 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.595 418.695	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.2125 408.225 408.225 408.225 408.2375 408.2875 408.3375 408.3125 408.3375 408.3975 408.4845 408.498.498.498.498.498.498.498.498.498.49	T5/407.5875_409.9875MHz 2006(12.5
88 418.675 408.675 SAPS 89 418.6875 408.6875 SAPS	CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 81 82 83	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.225 418.2125 418.225 418.2375 418.265 418.2675 418.2875 418.325 418.325 418.325 418.325 418.3375 418.35 418.3475 418.4845 418.485 418.495 418.495 418.495 418.495 418.5375 418.525 418.5375 418.525 418.5375 418.55 418.555 418.555 418.555 418.555 418.555 418.555 418.555 418.555 418.555 418.555 418.555 418.575 418.655 418.655 418.655 418.6575 418.655 418.6575 418.655 418.6375	875_419.98' MTX 408.1375 408.1375 408.15 408.15 408.1625 408.1875 408.225 408.225 408.225 408.2375 408.2875 408.2875 408.3375 408.3375 408.3875 408.3875 408.484 408.4125 408.494 408.495 408.495 408.495 408.495 408.495 408.495 408.495 408.525 408.625 408.625	T5/407.5875_409.9875MHz 2006(12.5
89 418.6875 408.6875 SAPS	CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  66  67  68  69  70  71  72  73  74  75  77  78  79  80  81  82  83  84  85	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.2625 418.2625 418.2625 418.3375 418.3375 418.3375 418.3975 418.3975 418.4348 418.4125 418.45625 418.4575 418.4575 418.4575 418.4575 418.5375 418.6375 418.6375 418.6375 418.6375 418.6375 418.6375 418.6375 418.6375 418.6375 418.63575 418.6375 418.6375 418.6375	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.225 408.225 408.225 408.2375 408.25 408.275 408.3375 408.3375 408.3875 408.3875 408.3875 408.4875 408.4875 408.4875 408.4875 408.4875 408.5575 408.5575 408.575 408.575 408.575 408.5875 408.575 408.5875 408.5875 408.5875 408.5875 408.5875 408.5875 408.5875 408.5875 408.625 408.625	T5/407.5875_409.9875MHz 2006(12.5
	CH. No. 45 46 47 48 49 49 49 50 61 62 52 53 54 54 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 81 82 83 84 85 86 87	BTX 418.1375 418.155 418.1625 418.175 418.1875 418.225 418.2125 418.2375 418.25 418.2875 418.2875 418.3375 418.3375 418.3375 418.3484 418.44875 418.4525 418.625 418.625	875_419.98' MTX 408.1375 408.1375 408.155 408.1625 408.1875 408.225 408.225 408.225 408.2375 408.25 408.2625 408.275 408.3375 408.3625 408.3875 408.3625 408.3625 408.375 408.365 408.365 408.365 408.375 408.385 408.375 408.385 408.375 408.385 408.375 408.385 408.375 408.485 408.495 408.4975 408.498 408.4975 408.4975 408.595 408.595 408.595 408.595 408.595 408.595 408.595 408.6955 408.6955 408.6955 408.6955 408.6955 408.6955	T5/407.5875_409.9875MHz 2006(12.5)
90 418.7 408.7 SAPS	CH. No. 45 46 47 48 49 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 77 78 79 80 81 82 83 84 84 86 87	BTX 418.1375 418.157 418.1625 418.175 418.1875 418.2125 418.2125 418.225 418.2375 418.265 418.265 418.275 418.2875 418.325 418.325 418.325 418.3375 418.3875 418.3875 418.4845 418.4975 418.4975 418.4975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.5975 418.6955	875_419.98' MTX 408.1375 408.1375 408.15 408.1625 408.1625 408.225 408.225 408.225 408.2375 408.2875 408.33 408.3125 408.3375 408.335 408.3625 408.375 408.3875 408.4845 408.498.4875 408.498.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.4875 408.525 408.5375 408.525 408.5375 408.5575 408.5575 408.6525 408.6125	T5/407.5875_409.9875MHz 2006(12.5)

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			375/407.5875_409.9875MHz 2006(12.5
92	BTX 418.725	MTX 408.725	REMARKS SAPS
93	418.7375	408.7375	SAPS
94	418.75	408.75	SAPS
95 96	418.7625 418.775	408.7625 408.775	SAPS SAPS
97	418.7875	408.7875	SAPS
98	418.8	408.8	SAPS
99 100	418.8125 418.825	408.8125	SAPS SAPS
100	418.8375	408.825 408.8375	SAPS
102	418.85	408.85	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	418.9125	408.9125	SAPS
108	418.925	408.925	SAPS
109 110	418.9375 418.95	408.9375 408.95	SAPS SAPS
111	418.9625	408.9625	SAPS
112	418.975	408.975	SAPS
113 114	418.9875 419	408.9875	SAPS SAPS
115	419.0125	409 409.0125	SAPS
116	419.025	409.025	SAPS
117	419.0375	409.0375	SAPS
118	419.05	409.05	SAPS
119 120	419.0625 419.075	409.0625 409.075	SAPS SAPS
121	419.0875	409.0875	SAPS
122	419.1	409.1	SAPS
123 124	419.1125	409.1125	SAPS SAPS
124	419.125 419.1375	409.125 409.1375	SAPS
126	419.15	409.15	SAPS
127	419.1625	409.1625	SAPS
128 129	419.175 419.1875	409.175 409.1875	SAPS SAPS
130	419.1875	409.1875	SAPS
131	419.2125	409.2125	SAPS
132	419.225	409.225	SAPS
133	419.2375 419.25	409.2375 409.25	SAPS SAPS
135	419.2625	409.2625	SAPS
136	419.275	409.275	SAPS
137 138	419.2875 419.3	409.2875 409.3	SAPS SAPS
100	+15.3	403.3	S O
141 142	419.3375 419.35	409.3375 409.35	SAPS SAPS
143			
	419.3625	409.3625	SAPS
144 145	419.375	409.375	SAPS
144 145 146			
145 146 147	419.375 419.3875 419.4 419.4125	409.375 409.3875 409.4 409.4125	SAPS SAPS SAPS SAPS
145 146 147 148	419.375 419.3875 419.4 419.4125 419.425	409.375 409.3875 409.4 409.4125 409.425	SAPS SAPS SAPS SAPS SAPS
145 146 147	419.375 419.3875 419.4 419.4125	409.375 409.3875 409.4 409.4125	SAPS SAPS SAPS SAPS
145 146 147 148 149 150	419.375 419.3875 419.4 419.4125 419.425 419.4375 419.45 419.4625	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152	419.375 419.3875 419.4 419.4125 419.425 419.4375 419.45 419.4625 419.475	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625 409.475	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150	419.375 419.3875 419.4 419.4125 419.425 419.4375 419.45 419.4625	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 151 152 153 154 155	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.4625 419.475 419.4875 419.5125	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625 409.475 409.5 409.5	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 156	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.475 419.475 419.525 419.525	409.375 409.3875 409.4 409.4125 409.425 409.425 409.45 409.45 409.4625 409.475 409.525	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 156 157	419.375 419.3875 419.4 419.4125 419.425 419.4375 419.45 419.45 419.475 419.4875 419.5125 419.525 419.5375	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625 409.475 409.5375 409.5375	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 156 157 158 159	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.475 419.475 419.525 419.525	409.375 409.3875 409.4 409.4125 409.425 409.425 409.45 409.45 409.4625 409.475 409.525	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4575 419.45 419.475 419.4875 419.5125 419.525 419.5375 419.555 419.555 419.555 419.555 419.555 419.555	409.375 409.3875 409.4 409.4125 409.425 409.425 409.45 409.45 409.475 409.575 409.525 409.525 409.525 409.525 409.525 409.525 409.525	SAPS       SAPS
145 146 147 148 149 150 151 152 153 154 155 156 156 157 158 159 160 161	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.45 419.4625 419.475 419.5 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525	409.375 409.475 409.4125 409.425 409.425 409.455 409.455 409.455 409.5125 409.5125 409.525 409.555 409.555 409.555 409.555 409.5575	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 155 156 157 158 159 160 161 162 163	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4575 419.45 419.475 419.4875 419.5125 419.525 419.5375 419.555 419.555 419.555 419.555 419.555 419.555	409.375 409.3875 409.4 409.4125 409.425 409.425 409.45 409.45 409.475 409.575 409.525 409.525 409.525 409.525 409.525 409.525 409.525	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	419.375 419.3875 419.4 419.4125 419.425 419.425 419.425 419.45 419.45 419.45 419.525 419.525 419.525 419.525 419.525 419.525 419.526 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.5825 419.5825 419.5825 419.5825 419.5825 419.6825 419.6825 419.6825 419.6825 419.6825	409.375 409.375 409.4 409.4125 409.425 409.425 409.45 409.45 409.45 409.55 409.525 409.525 409.575 409.5875 409.6125 409.625	SAPS       SAPS
145 146 146 147 148 149 150 151 152 153 154 155 156 157 158 160 161 162 163 164 164 165	419.375 419.47 419.4125 419.425 419.425 419.425 419.427 419.457 419.457 419.457 419.5125 419.525 419.625 419.625	409.375 409.3875 409.4 409.4125 409.425 409.4375 409.45 409.4625 409.475 409.5125 409.5375 409.5375 409.5525 409.5575 409.5875 409.5875 409.5875 409.6825 409.5875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	419.375 419.3875 419.4 419.4125 419.425 419.425 419.425 419.45 419.45 419.45 419.525 419.525 419.525 419.525 419.525 419.525 419.526 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.575 419.5825 419.5825 419.5825 419.5825 419.5825 419.5825 419.6825 419.6825 419.6825 419.6825 419.6825	409.375 409.375 409.4 409.4125 409.425 409.425 409.45 409.45 409.45 409.55 409.525 409.525 409.575 409.5875 409.6125 409.625	SAPS       SAPS
145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 166	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.45 419.45 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.655	409.375 409.375 409.4 409.425 409.425 409.425 409.425 409.45 409.45 409.475 409.5125 409.5125 409.5375 409.575 409.625 409.625 409.625 409.625 409.625 409.625 409.655	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 148 150 151 152 153 154 155 156 167 168 160 161 162 163 164 165 166 167 168	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.457 419.455 419.475 419.525 419.525 419.525 419.525 419.5375 419.5625 419.625 419.625 419.625 419.625 419.6375 419.6375 419.68875	409.375 409.375 409.4125 409.425 409.4375 409.45 409.45 409.4875 409.525 409.525 409.525 409.575 409.625 409.625 409.625 409.6375 409.655 409.625 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6375 409.655 409.6856	SAPS         SAPS
145 146 147 148 149 150 151 152 153 154 155 156 157 168 169 169 170	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.4375 419.45 419.45 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625	409.375 409.475 409.4125 409.425 409.425 409.455 409.455 409.455 409.5125 409.5125 409.525 409.5375 409.5625 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	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
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145 146 147 148 149 150 151 152 152 153 154 155 156 157 168 169 161 162 163 164 165 1669 170 171 172	419.375 419.474 419.4125 419.425 419.425 419.425 419.425 419.45 419.45 419.475 419.4875 419.525 419.525 419.525 419.525 419.5375 419.65 419.6125 419.6375 419.6375 419.6375 419.6375 419.725 419.725 419.725 419.725	409.375 409.475 409.4125 409.425 409.425 409.425 409.455 409.455 409.455 409.525 409.525 409.575 409.655 409.656 409.675 409.657 409.657 409.675 409.7725 409.7725 409.7725	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 151 152 153 154 155 156 157 168 169 161 161 162 163 164 165 167 168 169 170 171 172 173	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.457 419.457 419.457 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.625 419.6375 419.65 419.675 419.675 419.675 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.775	409.375 409.475 409.491 409.4125 409.425 409.425 409.45 409.45 409.475 409.5125 409.5125 409.525 409.575 409.67 409.68 409.625 409.675 409.675 409.675 409.675 409.675 409.675 409.675 409.675 409.675 409.755 409.725 409.7376	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
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145 146 147 148 149 150 151 152 152 154 155 156 156 167 168 161 166 167 168 169 170 171 173 174 175	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.45 419.45 419.475 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.625 419.6375 419.65 419.675 419.675 419.675 419.7125 419.725 419.725 419.725 419.775 419.775 419.775 419.775 419.775 419.775	409.375 409.475 409.425 409.425 409.425 409.425 409.425 409.425 409.45 409.45 409.5125 409.5125 409.575 409.625 409.625 409.6375 409.6875 409.675 409.675 409.7125 409.725 409.725 409.7375 409.75	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 1446 147 148 149 150 150 152 153 154 155 156 157 158 169 160 161 162 163 164 165 166 167 170 171 172 173 174 175 177	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.425 419.457 419.457 419.457 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.725 419.725 419.725 419.725 419.7375 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755 419.755	409.375 409.3875 409.49 409.4125 409.425 409.4375 409.45 409.455 409.455 409.475 409.5125 409.5375 409.525 409.6525 409.6525 409.6525 409.675 409.675 409.675 409.725	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 1446 147 148 149 150 150 152 152 154 155 156 157 158 159 160 161 162 163 164 165 166 171 172 173 174 175 176 177 177 178 179 179	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.45 419.45 419.475 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.625 419.6375 419.65 419.675 419.675 419.675 419.7125 419.725 419.725 419.725 419.775 419.775 419.775 419.775 419.775 419.775	409.375 409.475 409.425 409.425 409.425 409.425 409.425 409.425 409.45 409.45 409.5125 409.5125 409.575 409.625 409.625 409.6375 409.6875 409.675 409.675 409.7125 409.725 409.725 409.7375 409.75	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 1446 147 148 149 150 151 152 152 153 154 155 156 156 167 168 169 167 161 162 163 164 167 168 169 170 171 172 173 174 175 178 177 178 179 180	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.45 419.45 419.475 419.5 419.5 419.5 419.5 419.5 419.5 419.5 419.5 419.5 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.7 419.8	409.375 409.475 409.494 409.4125 409.425 409.425 409.45 409.4625 409.475 409.5125 409.5125 409.55 409.575 409.687 409.687 409.695 409.697 409.797 409.797 409.7125 409.7815 409.885	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 151 152 152 153 154 155 156 157 158 159 160 161 162 163 164 165 167 168 169 170 171 172 173 174 175 176 177 178 178 179 180 181	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.425 419.475 419.4875 419.525 419.525 419.525 419.525 419.5375 419.5875 419.625 419.725 419.825 419.825	409.375 409.3875 409.49 409.4125 409.425 409.425 409.425 409.455 409.475 409.5125 409.5125 409.525 409.525 409.6125 409.6125 409.6125 409.6125 409.6125 409.775 409.775 409.775 409.725 409.725 409.775 409.785 409.775 409.785	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 1446 147 148 149 150 151 152 152 153 154 155 156 156 167 168 169 167 161 162 163 164 167 168 169 170 171 172 173 174 175 178 177 178 179 180	419.375 419.47 419.4125 419.425 419.425 419.425 419.4375 419.45 419.457 419.457 419.457 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.6375 419.6375 419.65 419.675 419.675 419.675 419.7125 419.725 419.725 419.725 419.775 419.775 419.775 419.7875 419.7875 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375	409.375 409.475 409.49 409.4125 409.425 409.425 409.45 409.45 409.475 409.4876 409.5125 409.5125 409.525 409.575 409.66 409.675 409.675 409.675 409.675 409.725 409.725 409.7376 409.7376 409.7376 409.7376 409.7376 409.755 409.755 409.755 409.8375 409.8375 409.8375 409.8375 409.8375 409.8375 409.8375 409.8375 409.7376 409.7376 409.7376 409.73876 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.755 409.8375 409.8375 409.8375 409.8375 409.8375	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 167 168 169 170 171 172 173 174 175 176 176 177 178 177 178 181 181	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.4375 419.45 419.45 419.475 419.5125 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.6375 419.65 419.65 419.65 419.65 419.675 419.65 419.675 419.675 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.775 419.825 419.825 419.825 419.825 419.825 419.825 419.825 419.8375 419.825 419.8375 419.8375 419.8375 419.8375 419.83855 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.855	409.375 409.475 409.425 409.425 409.425 409.425 409.425 409.425 409.45 409.45 409.475 409.5125 409.5125 409.575 409.575 409.625 409.675 409.69 409.675 409.775 409.775 409.775 409.78 409.88 409.8375 409.825 409.825 409.8375 409.855	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 151 152 152 153 154 155 156 156 167 168 169 170 171 172 173 174 175 178 177 178 180 181 182 183 184 185  H-PLAN	419.375 419.47 419.4125 419.425 419.425 419.425 419.4375 419.45 419.45 419.45 419.4625 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.627 419.62 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.625 419.725 419.725 419.7375 419.75 419.75 419.75 419.75 419.75 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.8375 419.875 419.875 419.875 419.875 419.8875	409.375 409.475 409.49 409.4125 409.425 409.425 409.45 409.45 409.45 409.475 409.5125 409.5125 409.5375 409.5875 409.625 409.625 409.625 409.625 409.625 409.6375 409.6375 409.6375 409.6375 409.6375 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.6376 409.7125 409.7376 409.7376 409.7376 409.7376 409.75 409.75 409.75 409.75 409.75 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 151 152 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 172 173 174 175 176 177 178 177 178 177 178 181 177 178 181 182 183 184 185 H. No.	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.4375 419.45 419.45 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.725 419.725 419.7375 419.725 419.725 419.725 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.7375 419.825 419.825 419.825 419.8375 419.8575 419.8575 419.8575 419.8575 419.8575 419.8575 419.8575 419.8575 419.8575 419.875	409.375 409.475 409.425 409.425 409.425 409.425 409.425 409.425 409.426 409.426 409.427 409.5125 409.5125 409.525 409.5375 409.55 409.625 409.625 409.6375 409.625 409.6375 409.6375 409.63876 409.63876 409.63876 409.7125 409.725 409.7375 409.7375 409.7375 409.7375 409.875 409.875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 177 172 173 174 175 177 177 178 180 181 181 182 183 184 185 H. No.	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.457 419.457 419.457 419.457 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.6375 419.62 419.625 419.725 419.8375	409.375 409.475 409.49 409.4125 409.425 409.4375 409.45 409.45 409.45 409.475 409.5125 409.5125 409.5125 409.5625 409.675 409.6875 409.69 409.695 409.695 409.695 409.875 409.8875 409.75 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
145 146 147 148 149 150 150 151 152 153 154 155 156 157 168 169 161 162 163 164 165 166 167 168 169 170 172 173 174 175 176 177 178 177 178 177 178 180 181 183 184 185 H. No.	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.457 419.457 419.4625 419.475 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.675 419.675 419.725 419.875 419.875 419.875 419.8875 419.8875 419.8875 419.8875 419.8875 419.8875 BTX N FOR 417.5 BTX 419.925	409.375 409.375 409.487 409.493 409.493 409.493 409.493 409.493 409.493 409.493 409.493 409.5125 409.5125 409.5375 409.5875 409.693 409.793 409.793 409.793 409.793 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.885 409.885 409.885 409.8855 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 1446 147 148 149 150 151 152 152 153 154 155 156 157 158 159 160 161 161 162 163 164 165 166 167 168 169 171 172 178 178 178 178 178 178 179 180 181 182 183 184 185 H. No.	419.375 419.47 419.4125 419.425 419.425 419.425 419.425 419.4375 419.45 419.45 419.475 419.475 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.725 419.825 419.825 419.825 419.825 419.8375 419.8875 419.8875 419.8875 419.8875 419.8875 419.8875 419.8875 419.8875 419.8975 419.8975 419.8975 419.9925 419.9125 419.9125 419.9125 419.925 419.925 419.925 419.9375	409.375 409.375 409.487 409.49.49.49.49.49.49.49.49.49.49.49.49.59.409.59.625 409.5875 409.5875 409.625 409.7125 409.7375 409.7375 409.735 409.7825 409.7825 409.7825 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS
1445 146 147 148 149 150 151 152 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 174 175 176 177 177 177 178 179 180 181 181 182 183 184 185 187 186 H. No.	419.375 419.3875 419.4 419.4125 419.425 419.425 419.4375 419.45 419.457 419.457 419.4625 419.475 419.5125 419.525 419.525 419.525 419.525 419.525 419.525 419.625 419.625 419.625 419.625 419.625 419.675 419.675 419.725 419.875 419.875 419.875 419.8875 419.8875 419.8875 419.8875 419.8875 419.8875 BTX N FOR 417.5 BTX 419.925	409.375 409.375 409.487 409.493 409.493 409.493 409.493 409.493 409.493 409.493 409.493 409.5125 409.5125 409.5375 409.5875 409.693 409.793 409.793 409.793 409.793 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.785 409.885 409.885 409.885 409.8855 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875 409.8875	SAPS SAPS SAPS SAPS SAPS SAPS SAPS SAPS

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	N FOR 420		10_414.975MHz 2009 (25kHz)
CH. No.	BTX	MTX	REMARKS
2	420 420.025	410 410.025	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
3	420.025	410.025	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE
4	420.075	410.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE
5	420.1	410.1	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
6	420.125	410.125	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
7	420.15	410.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
8	420.175	410.175	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
9	420.2	410.2	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
10	420.225	410.225	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
11 12	420.25	410.25 410.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
13	420.275 420.3	410.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
14	420.325	410.325	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
15	420.35	410.35	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
16	420.375	410.375	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
17	420.4	410.4	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
18	420.425	410.425	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
19	420.45	410.45	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
20	420.475	410.475	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
21	420.5	410.5	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
22	420.525	410.525	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL
23 24	420.55 420.575	410.55 410.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
25	420.575	410.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
26	420.625	410.625	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
27	420.65	410.65	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
28	420.675	410.675	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
29	420.7	410.7	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
30	420.725	410.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
31	420.75	410.75	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
32	420.775 420.8	410.775 410.8	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WII TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WII
34	420.825	410.825	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
35	420.85	410.85	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
36	420.875	410.875	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
37	420.9	410.9	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
38	420.925	410.925	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
39	420.95	410.95	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
40	420.975	410.975	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
41	421	411	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
42	421.025	411.025 411.05	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIL
	421.05 421.075		
44 CH. No.	421.075 BTX	411.075 MTX	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE REMARKS
44 CH. No. CH-PLA CH. No.	421.075 BTX AN FOR 420 BTX	411.075 MTX 424.975/4 MTX	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL REMARKS  10_414.975MHz 2009 (25kHz) REMARKS
44 CH. No. CH-PLA CH. No. 45	421.075  BTX  N FOR 420  BTX  421.1	411.075 MTX 424.975/4 MTX 411.1	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL REMARKS  10_414.975MHz 2009 (25kHz) REMARKS TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL
44 CH. No. CH-PLA CH. No.	421.075  BTX  AN FOR 420  BTX  421.1  421.125	411.075 MTX 424.975/4 MTX 411.1 411.125	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIE
44 CH. No. CH-PLA CH. No. 45 46	421.075  BTX  N FOR 420  BTX  421.1	411.075 MTX 424.975/4 MTX 411.1	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL REMARKS  10_414.975MHz 2009 (25kHz) REMARKS TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL TETRA - MUN-UTILITIES AND PUBLIC -
44 CH. No. CH. No. 45 46 47 48 49	BTX BTX 421.1 421.125 421.15 421.175 421.2	411.075 MTX 424.975/4 MTX 411.1 411.125 411.15	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.175  421.175  421.225	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.12 411.225	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51	421.075  BTX  BTX  421.1  421.125  421.15  421.25  421.25  421.25	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.2 411.225 411.25	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 51	421.075  BTX  N FOR 420  BTX  421.1  421.125  421.15  421.25  421.25  421.275	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.2 411.225 411.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.25  421.225  421.275  421.275  421.275  421.275	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.2 411.225 411.25 411.275 411.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54	BTX  BTX  421.1  421.125  421.175  421.25  421.25  421.25  421.25  421.25  421.325	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.25  411.25  411.25  411.25  411.35  411.325	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.25  421.225  421.275  421.275  421.275  421.275	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.2 411.225 411.25 411.275 411.275	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55	421.075  BTX  N FOR 420  BTX  421.1  421.125  421.15  421.2  421.25  421.275  421.3  421.35	411.075 MTX 424.975/4 MTX 411.1 411.125 411.175 411.225 411.225 411.275 411.31 411.325	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58	## AVEC NOTE   ## AVE	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.35  411.375  411.41.425	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58	AN FOR 420 BTX 421.1 421.125 421.15 421.25 421.25 421.25 421.25 421.375 421.375 421.375 421.375 421.425 421.425	411.075  MTX  424.975/4  MTX  411.1  411.125  411.25  411.275  411.375  411.375  411.375  411.425  411.425	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PL/ CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 56 57 58 59 60	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.15  421.25  421.275  421.375  421.325  421.35  421.35  421.35  421.35  421.35  421.475	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.325  411.341.375  411.35  411.35  411.36  411.475	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	## AVEC NOTE   ## AVE	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.375  411.41.425  411.475  411.475	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIREMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIREMARKS  TETRA - MUN
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62	### ##################################	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.275  411.275  411.325  411.325  411.375  411.341  411.45  411.45  411.45  411.475  411.525	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.175  421.25  421.275  421.33  421.35  421.35  421.41  421.425  421.475  421.45  421.475  421.55	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.35  411.35  411.475  411.475  411.475  411.55	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	## AVECT   STATE   ## AVECT   ST	411.075  MTX  424.975/4  MTX  411.1  411.125  411.25  411.275  411.325  411.375  411.41  411.425  411.425  411.45  411.45  411.45  411.45  411.525  411.525  411.525  411.525  411.525  411.525  411.525  411.525  411.55	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	421.075  BTX  AN FOR 420  BTX  421.1  421.125  421.175  421.25  421.275  421.33  421.35  421.35  421.41  421.425  421.475  421.45  421.475  421.55	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.35  411.35  411.475  411.475  411.475  411.55	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64	### ##################################	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.375  411.375  411.375  411.4  411.475  411.45  411.475  411.525  411.525  411.525  411.525  411.525  411.575  411.575  411.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 61 62 63 64 67 68	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.37  411.325  411.35  411.475  411.475  411.475  411.475  411.525  411.675	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69	## AUTON ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.375  411.41  411.425  411.475  411.525  411.525  411.625  411.625  411.625  411.675  411.675	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.275  411.28  411.275  411.325  411.375  411.34  411.425  411.45  411.475  411.525  411.625  411.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WI
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 56 67 68 60 61 62 63 64 65 66 67 68 69 70	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.25  411.275  411.37  411.35  411.35  411.35  411.475  411.45  411.475  411.55  411.55  411.675  411.675  411.77  411.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.375  411.41  411.425  411.45  411.475  411.625  411.625  411.625  411.625  411.625  411.75  411.75  411.75	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 56 67 68 60 61 62 63 64 65 66 67 68 69 70	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.25  411.275  411.325  411.325  411.35  411.375  411.4  411.475  411.475  411.525  411.625  411.625  411.625  411.625  411.625  411.775  411.775  411.775  411.775	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.175  411.225  411.275  411.325  411.325  411.375  411.41  411.425  411.45  411.475  411.625  411.625  411.625  411.625  411.625  411.75  411.75  411.75	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.175  411.25  411.275  411.325  411.325  411.325  411.325  411.425  411.45  411.45  411.45  411.625  411.625  411.625  411.625  411.775  411.75  411.775  411.775  411.775  411.775  411.775  411.775  411.775  411.775  411.775  411.825	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 67 70 71 72 73 74 75	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.175  411.275  411.28  411.375  411.375  411.375  411.4  411.425  411.525  411.525  411.625  411.625  411.625  411.625  411.625  411.775  411.775  411.775  411.775  411.775  411.775  411.785  411.775  411.775  411.81	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.25  411.275  411.275  411.325  411.35  411.36  411.475  411.475  411.525  411.625  411.625  411.625  411.625  411.775  411.775  411.775  411.775  411.775  411.825	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH. No. CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 76 77 78	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.25  411.25  411.275  411.3  411.325  411.35  411.35  411.475  411.45  411.475  411.55  411.675  411.675  411.77  411.725  411.775  411.775  411.775  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.875  411.925  411.925  411.925	REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WII  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 58 69 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.175  411.275  411.325  411.325  411.375  411.34  411.425  411.45  411.525  411.65  411.65  411.65  411.675  411.775  411.75  411.775  411.85  411.875  411.85  411.975  411.95  411.975	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.275  411.275  411.285  411.375  411.31  411.325  411.35  411.475  411.475  411.525  411.675  411.675  411.675  411.775  411.775  411.75  411.775  411.75  411.775  411.825  411.825  411.825  411.85  411.925  411.825  411.925  411.925  411.925  411.925  411.925  411.925  411.925  411.925  411.975  411.975	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.175  411.25  411.275  411.325  411.325  411.325  411.325  411.35  411.425  411.45  411.45  411.45  411.625  411.65  411.675  411.7  411.75  411.75  411.75  411.85  411.775  411.85  411.775  411.85  411.95  411.95  411.95  411.95  411.975	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 76 77 78 78 80 81 82 83	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.125  411.275  411.275  411.375  411.375  411.375  411.4  411.475  411.525  411.625  411.625  411.625  411.625  411.75  411.75  411.75  411.825  411.825  411.825  411.825  411.825  411.825  411.825  411.825  411.825  411.825  411.825  411.925  411.925  411.975  412  412  412.025	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 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	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.175  411.25  411.25  411.35  411.35  411.35  411.35  411.475  411.45  411.475  411.55  411.55  411.675  411.675  411.675  411.77  411.75  411.875  411.875  411.875  411.875  411.875  411.875  411.975  411.95  411.95  411.95  411.95  411.95  411.95  411.95  411.95  411.97	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 58 69 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.126  411.275  411.28  411.325  411.325  411.325  411.325  411.325  411.325  411.4  411.425  411.525  411.625  411.625  411.625  411.625  411.775  411.85  411.775  411.85  411.875  411.875  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.975  411.975  411.975  411.975  411.95  411.975  411.975  411.975  411.975  411.975  411.975  411.975  412.025  412.075  412.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.125  411.25  411.275  411.325  411.325  411.325  411.35  411.375  411.4  411.475  411.475  411.525  411.625  411.625  411.625  411.775  411.775  411.775  411.775  411.775  411.775  411.825  411.825  411.825  411.825  411.925  411.925  411.925  411.925  411.925  411.975  411.925  411.975  411.925  411.975  411.925  411.975  411.925  411.925  411.925  411.975  412.025  412.075  412.11	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10 414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT
44 CH. No. CH-PLA CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 58 69 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.126  411.275  411.28  411.325  411.325  411.325  411.325  411.325  411.325  411.4  411.425  411.525  411.625  411.625  411.625  411.625  411.775  411.85  411.775  411.85  411.875  411.875  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.95  411.975  411.975  411.975  411.975  411.975  411.95  411.975  411.975  411.975  411.975  411.975  411.975  411.975  412.025  412.075  412.075	REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WII  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY
44 CH. No. CH. No. CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 66 77 78 80 81 82 83 84 85 86 87	## ## ## ## ## ## ## ## ## ## ## ## ##	411.075  MTX  424.975/4  MTX  411.1  411.125  411.15  411.125  411.25  411.275  411.33  411.325  411.375  411.4  411.425  411.475  411.5  411.55  411.675  411.675  411.77  411.725  411.775  411.775  411.875  411.875  411.875  411.875  411.925  411.925  411.925  411.925  411.925  411.95  411.975  412.125  412.125	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  REMARKS  10_414.975MHz 2009 (25kHz)  REMARKS  TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WILL  TETRA - MUN-UTILITIES AND PUBLIC - COUNT

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	<b>AN FOR 420</b>	424 975/4	10 414.975MHz 2009 (25kHz)
CH. No.	BTX	MTX	REMARKS
92 93	422.275 422.3	412.275 412.3	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
94 95	422.325 422.35	412.325 412.35	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
96 97	422.375 422.4	412.375 412.4	TETRA - SECUNDA - RADIO ROOM 1. TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
98	422.425	412.425 412.45	TETRA - MUNICIPILITIES AND PUBLIC - COUNTRY WIDE
99 100	422.45 422.475	412.45 412.475	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
101 102	422.5 422.525	412.5 412.525	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
103 104	422.55 422.575	412.55 412.575	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
105	422.6	412.6	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
106 107	422.625 422.65	412.625 412.65	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
108 109	422.675 422.7	412.675 412.7	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
110 111	422.725	412.725	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
112	422.75 422.775	412.75 412.775	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
113 114	422.8 422.825	412.8 412.825	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
115 116	422.85 422.875	412.85 412.875	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
117	422.9	412.9	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
120 121	422.975 423	412.975 413	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
122 123	423.025 423.05	413.025 413.05	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
124	423.075	413.075	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
125 126	423.1 423.125	413.1 413.125	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
127 128	423.15 423.175	413.15 413.175	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
129	423.2	413.2	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	423.275 423.3	413.275 413.3	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
134 135	423.325 423.35	413.325 413.35	TETRA - MUN-UTILITIES AND PUBLIC - COUNTRY WIDE
136	423.375	413.375	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
	N FOR 420		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	423.6	413.6	TETRA - MUN-UTILITIES - COUNTRY WIDE
146 147	423.625 423.65	413.625 413.65	TETRA - MUN-UTILITIES - COUNTRY WIDE 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	423.775	413.775	TETRA - MUN-UTILITIES - COUNTRY WIDE
153 154	423.8 423.825	413.8 413.825	TETRA - MUN-UTILITIES - COUNTRY WIDE 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	423.95	413.95	TETRA - MUN-UTILITIES - COUNTRY WIDE
160 161	423.975 424	413.975	TETRA - MUN-UTILITIES - COUNTRY WIDE
162 163		414	TETRA - MUN-UTILITIES - COUNTRY WIDE
	424.025	414.025	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
164	424.025 424.05 424.075	414.025 414.05 414.075	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165 166	424.025 424.05 424.075 424.1 424.125	414.025 414.05 414.075 414.1 414.125	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165	424.025 424.05 424.075 424.1	414.025 414.05 414.075 414.1 414.125 414.15 414.175	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165 166 167	424.025 424.05 424.075 424.1 424.125 424.15	414.025 414.05 414.075 414.1 414.125 414.15	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165 166 167 168 169 170	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.2 414.25 414.25	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25 424.25 424.275 424.3	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.2 414.225 414.225 414.275 414.3	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE. TETRA - SEE DATABASE.
165 166 167 168 169 170 171	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.25 424.25 424.25 424.25	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.25 414.25 414.25 414.25	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176	424.025 424.05 424.075 424.11 424.125 424.15 424.175 424.25 424.25 424.25 424.25 424.25 424.325 424.325 424.325 424.325 424.325 424.325	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.2 414.25 414.25 414.275 414.275 414.375 414.375	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177	424.025 424.05 424.075 424.11 424.125 424.15 424.15 424.25 424.25 424.25 424.25 424.275 424.325 424.325 424.375 424.375 424.375 424.375 424.375 424.375 424.375 424.425	414.025 414.05 414.075 414.1 414.125 414.125 414.175 414.25 414.25 414.275 414.275 414.325	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178 179	424.025 424.05 424.075 424.11 424.125 424.125 424.126 424.25 424.25 424.25 424.25 424.325 424.325 424.325 424.325 424.325 424.325 424.325 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426 424.426	414.025 414.05 414.075 414.1 414.125 414.125 414.125 414.25 414.25 414.25 414.275 414.375 414.375 414.375 414.375 414.375 414.475	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178	424.025 424.05 424.075 424.17 424.125 424.175 424.175 424.25 424.25 424.25 424.275 424.325 424.435 424.435 424.45	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.2 414.25 414.275 414.275 414.35 414.35 414.35 414.475 414.45 414.45 414.45 414.45	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181	424.025 424.05 424.075 424.11 424.125 424.175 424.175 424.225 424.275 424.275 424.325 424.335 424.375 424.436 424.475 424.45 424.45 424.45	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.2 414.225 414.275 414.275 414.35 414.35 414.375 414.475 414.45 414.45 414.45 414.45	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180	424.025 424.05 424.075 424.11 424.125 424.15 424.175 424.25 424.25 424.25 424.275 424.275 424.325 424.375 424.375 424.375 424.375 424.375 424.375 424.475 424.475 424.475 424.475 424.475 424.475 424.525	414.025 414.05 414.075 414.1 414.125 414.125 414.175 414.2 414.225 414.275 414.275 414.375 414.375 414.375 414.375 414.375 414.375 414.475 414.475 414.475 414.475 414.475 414.475 414.525	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	424.025 424.06 424.075 424.11 424.125 424.18 424.175 424.21 424.225 424.27 424.275 424.325 424.325 424.375 424.375 424.375 424.475 424.475 424.455 424.455 424.455 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525 424.525	414.025 414.05 414.075 414.1 414.125 414.15 414.175 414.225 414.225 414.275 414.275 414.325 414.325 414.325 414.35 414.35 414.375 414.475 414.45 414.45 414.45 414.45 414.45 414.525 414.525 414.525 414.525 414.525 414.525 414.525 414.525	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH. No.	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25 424.25 424.35 424.35 424.35 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.475 424.55 424.45 424.55 424.55 424.55 424.55 424.55 424.55 424.55 424.55	414.025 414.05 414.075 414.1 414.125 414.15 414.125 414.25 414.25 414.275 414.3 414.325 414.35 414.35 414.45 414.45 414.45 414.55 414.55 414.55 414.55 414.575 414.575 414.65 414.675 414.675 414.675 414.675 414.675 414.675 414.675 414.675	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 183 184 185 CH. No.	424.025 424.05 424.075 424.11 424.125 424.15 424.175 424.25 424.25 424.25 424.275 424.325 424.325 424.325 424.325 424.325 424.35 424.375 424.4 424.4 424.45 424.45 424.45 424.45 424.55 424.55 424.55 424.55 424.55 424.55 424.55 424.55 424.55 424.65 424.65	414.025 414.05 414.075 414.1 414.125 414.175 414.175 414.275 414.275 414.275 414.325 414.325 414.325 414.35 414.475 414.44 414.425 414.55 414.55 414.55 414.55 414.55 414.575 414.55 414.575 414.65 414.65	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH. No. 186	424.025 424.05 424.075 424.11 424.125 424.15 424.175 424.25 424.25 424.275 424.275 424.275 424.325 424.375 424.375 424.375 424.375 424.475 424.475 424.475 424.475 424.475 424.475 424.525 424.525 424.525 424.525 424.525 424.525 424.65 8 BTX 424.625 8 TX	414.025 414.05 414.075 414.1 414.125 414.125 414.125 414.225 414.225 414.275 414.275 414.375 414.375 414.375 414.475 414.45 414.475 414.525 414.525 414.525 414.65	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH-PLA CH. No. 186 187 188	424.025 424.05 424.075 424.11 424.125 424.15 424.175 424.25 424.25 424.275 424.275 424.275 424.375 424.375 424.375 424.375 424.375 424.375 424.475 424.475 424.475 424.475 424.475 424.625	414.025 414.05 414.17 414.125 414.17 414.125 414.175 414.2 414.225 414.275 414.275 414.375 414.375 414.375 414.375 414.475 414.475 414.475 414.65 414.65 414.65 414.675 414.65	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH. No. CH-PLA CH. No. 186 187	424.025 424.05 424.075 424.1 424.125 424.15 424.15 424.175 424.25 424.25 424.25 424.25 424.35 424.35 424.35 424.35 424.35 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.45 424.625 424.65 424.65 424.65 424.625 424.625 424.625 424.625 424.625 424.625 424.625 424.625 424.675 424.77 424.77 424.77 424.77 424.77 424.77 424.77 424.775	414.025 414.05 414.17 414.125 414.17 414.125 414.17 414.225 414.25 414.275 414.28 414.275 414.38 414.395 414.395 414.495 414.495 414.495 414.495 414.495 414.495 414.695 414.695 414.695 414.695 414.695 414.795 414.795 414.795 414.795 414.795 414.795 414.695 414.695 414.695 414.795	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 169 170 171 172 173 174 175 177 178 180 181 182 183 184 185 CH. No. CH-PLA 187 188 189 190 191	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25 424.25 424.275 424.3 424.325 424.35 424.43 424.45 424.45 424.45 424.45 424.45 424.45 424.475 424.625 424.65 424.675 424.675 424.675 424.675 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725 424.725	414.025 414.05 414.17 414.125 414.17 414.125 414.18 414.125 414.225 414.25 414.27 414.27 414.28 414.30 414.30 414.30 414.30 414.40 414.40 414.50 414.40 414.625 414.65 414.65 414.675 414.625 414.625 414.625 414.625 414.625 414.625 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725 414.725	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 168 169 170 171 172 173 174 175 177 178 180 181 182 183 184 185 CH. No. CH-PL/ CH. No. 186 187 189 190 191 192 193	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25 424.25 424.275 424.3 424.305 424.375 424.45 424.45 424.45 424.45 424.45 424.45 424.475 424.625 424.65 424.675 424.675 424.675 424.675 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.775 424.825	414.025 414.05 414.17 414.125 414.17 414.125 414.17 414.225 414.25 414.25 414.27 414.27 414.35 414.35 414.35 414.47 414.45 414.55 414.47 414.625 414.65 414.675 414.675 414.725 414.825	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH. No. 186 187 188 189 190 191	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.21 424.225 424.2 424.275 424.275 424.375 424.375 424.375 424.375 424.475 424.475 424.475 424.625 424.625 424.675 424.675 424.775 424.825	414.025 414.05 414.17 414.125 414.18 414.18 414.175 414.18 414.225 414.225 414.275 414.275 414.375 414.375 414.375 414.375 414.475 414.485 414.475 414.475 414.625 414.65 414.65 414.775 414.75 414.75 414.75 414.75 414.75 414.825 414.75 414.75 414.825 414.75 414.825 414.75 414.825 414.75 414.75 414.825 414.75 414.75 414.825 414.75 414.75 414.75 414.825 414.825 414.825 414.825 414.825 414.85	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE.
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH-PLA CH. No. 186 187 189 190 191 192 193 194 195	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.175 424.21 424.225 424.275 424.275 424.325 424.375 424.375 424.475 424.475 424.475 424.65 424.675 424.775 424.825 424.875 424.885 424.875	414.025 414.05 414.17 414.125 414.18 414.125 414.175 414.175 414.225 414.225 414.275 414.275 414.375 414.375 414.375 414.375 414.475 414.495 414.475 414.475 414.475 414.65 414.675 414.75 414.75 414.75 414.75 414.75 414.75 414.85 414.75	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA -
165 166 167 168 169 170 171 172 173 174 175 176 177 180 181 182 183 184 185 CH. No. 186 187 189 190 191 192 193 194 195	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.18 424.175 424.21 424.225 424.27 424.275 424.325 424.375 424.375 424.475 424.475 424.475 424.65 424.675 424.775 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.875 424.995	414.025 414.05 414.16 414.175 414.1 414.125 414.18 414.175 414.2 414.225 414.225 414.275 414.275 414.375 414.375 414.375 414.475 414.475 414.475 414.475 414.475 414.475 414.65 414.75 414.75 414.75 414.75 414.75 414.85 414.75 414.75 414.75 414.75 414.75 414.85 414.75 414.75 414.75 414.85 414.875 414.85 414.875 414.95	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA -
165 166 167 168 168 169 170 171 172 173 174 175 177 178 180 181 182 183 184 185 CH. No. CH-PL/ CH. No. 189 199 191 192 193 194 195 199 191 192 193	424.025 424.05 424.075 424.1 424.125 424.15 424.175 424.2 424.25 424.25 424.25 424.275 424.3 424.305 424.305 424.405 424.705	414.025 414.05 414.05 414.17 414.125 414.15 414.175 414.12 414.25 414.25 414.25 414.25 414.25 414.35 414.35 414.35 414.45 414.45 414.45 414.45 414.625 414.65 414.675 414.75 414.75 414.75 414.75 414.75 414.75 414.75 414.75 414.85 414.875 414.925	TETRA - MUN-UTILITIES - COUNTRY WIDE TETRA - SEE DATABASE. TETRA -

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HANNE	L PLAN FO	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 7	423.0625 423.075	413.0625 413.075	WBS 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 18	423.2 423.2125	413.2 413.2125	WBS MIGRATION X2
18	423.2125 423.225	413.2125 413.225	WBS 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 30	423.35 423.3625	413.35 413.3625	SEE DATABASE. 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 41	423.4875	413.4875	SEE DATABASE.
42	423.5 423.5125	413.5 413.5125	SEE DATABASE. SEE DATABASE.
43	423.525	413.525	SEE DATABASE.
44	423.5375	413.5375	SEE DATABASE.
CH. No.	BTX	MTX	REMARKS
HANNE	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 54	423.65	413.65	SEE DATABASE. SEE DATABASE.
55	423.6625 423.675	413.6625 413.675	SEE DATABASE. SEE DATABASE.
56	423.675	413.675	SEE DATABASE.
57	423.7	413.7	SEE DATABASE.
58	423.7125	413.7125	SEE DATABASE.
59	423.725	413.725	SEE DATABASE.
60	423.7375	413.7375	SEE DATABASE.
		413.75	

## 1.7.2 Licensing information for the applicable frequency allocation

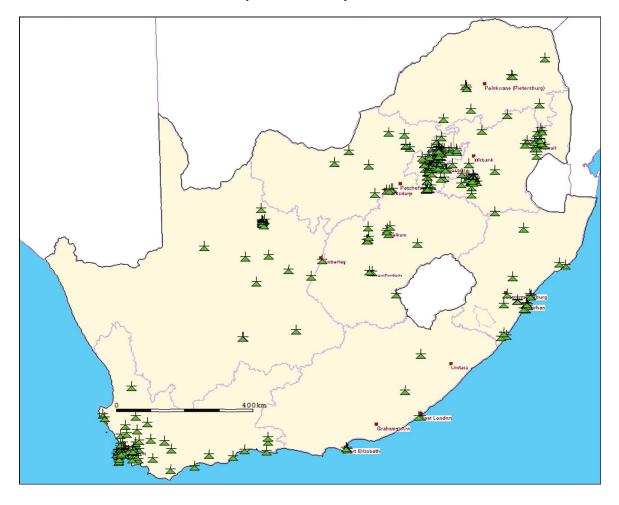
406 to 410 MHz: There are 3326 Licenses issued in this band

410 to 420 MHz: There are 681 Licenses issued in this band

420 to 430 MHz: There are 1052 Licenses issued in this band

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# 1.7.3 Areas where licensed frequencies are operational.



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# 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  $\frac{1}{2}$ 

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

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# 1.8.1 Channel Plan for the Frequency Allocation

С	HANNEL PLA		ELEMETRY & ALARM BANDS
	========		445-446 MHz
CHANNEL NO 1	FREQUENCY A 440	FREQUENCY B 445	NOTE 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.
7 8	440.075 440.0875	445.075 445.0875	SEE DATABASE. SEE DATABASE.
9	440.1	445.1	SEE DATABASE.
10	440.1125	445.1125	SEE DATABASE.
11	440.125	445.125	SEE DATABASE.
12	440.1375	445.1375	SEE DATABASE.
13	440.15	445.15	SEE DATABASE.
14 15	440.1625 440.175	445.1625 445.175	SEE DATABASE. SEE DATABASE.
16	440.1875	445.1875	SEE DATABASE.
17	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.
21	440.25	445.25	SEE DATABASE.
22	440.2625	445.2625	SEE DATABASE.
23	440.275 440.2875	445.275 445.2875	SEE DATABASE. SEE DATABASE.
25	440.2875	445.2875	SEE DATABASE. SEE DATABASE.
26	440.3125	445.3125	SEE DATABASE.
27	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. SEE DATABASE.
32 33	440.3875 440.4	445.3875 445.4	SEE DATABASE. 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 41	440.4875 440.5	445.4875 445.5	SEE DATABASE. 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 49	440.5875 440.6	445.5875	SEE DATABASE.
50	440.6125	445.6 445.6125	SEE DATABASE. 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 57	440.6875 440.7	445.6875 445.7	SEE DATABASE. SWIFTNET MIGRATION - NO ASSIGNMENTS
58	440.7125	445.7125	SWIFTNET MIGRATION - NO ASSIGNMENTS  SWIFTNET MIGRATION - NO ASSIGNMENTS
59	440.725	445.725	SWIFTNET MIGRATION - NO ASSIGNMENTS
60	440.7375	445.7375	SWIFTNET MIGRATION - NO ASSIGNMENTS
61	440.75	445.75	SWIFTNET MIGRATION - NO ASSIGNMENTS
62	440.7625	445.7625	SWIFTNET MIGRATION - NO ASSIGNMENTS
63	440.775	445.775	SWIFTNET MICRATION - NO ASSIGNMENTS
64 65	440.7875 440.8	445.7875 445.8	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
66	440.8125	445.8 445.8125	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
67	440.825	445.825	SWIFTNET MIGRATION - NO ASSIGNMENTS
68	440.8375	445.8375	SWIFTNET MIGRATION - NO ASSIGNMENTS
69	440.85	445.85	SWIFTNET MIGRATION - NO ASSIGNMENTS
70	440.8625	445.8625	SWIFTNET MIGRATION - NO ASSIGNMENTS
71	440.875	445.875	SWIFTNET MIGRATION - NO ASSIGNMENTS
72	440.8875	445.8875	SWIFTNET MICRATION - NO ASSIGNMENTS
73 74	440.9 440.9125	445.9 445.9125	SWIFTNET MIGRATION - NO ASSIGNMENTS SWIFTNET MIGRATION - NO ASSIGNMENTS
75	440.9125	445.925	SWIFTNET MIGRATION - NO ASSIGNMENTS  SWIFTNET MIGRATION - NO ASSIGNMENTS
76	440.9375	445.9375	SWIFTNET MIGRATION - NO ASSIGNMENTS
	440.95	445.95	SWIFTNET MIGRATION - NO ASSIGNMENTS
77	440.33		
77 78	440.9625	445.9625	SWIFTNET MIGRATION - NO ASSIGNMENTS

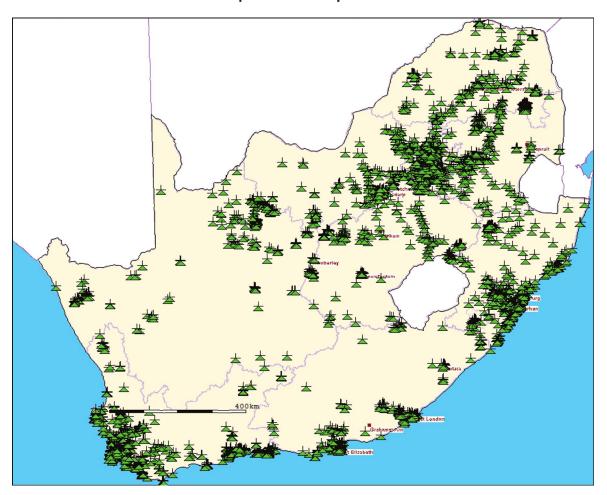
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## 1.8.2 Licensing information for the applicable frequency allocation

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.



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# 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

FIXED LI	<u>NKS</u>		
CH-PLA	N FOR 450	452.9875/	460 462.9875MHz 2005 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
1	450	460	SEE DATABASE
3	450.0125 450.025	460.0125 460.025	SEE DATABASE SEE DATABASE
4	450.0375	460.0375	SEE DATABASE
5	450.05	460.05	SEE DATABASE
7	450.0625 450.075	460.0625 460.075	SEE DATABASE SEE DATABASE
8	450.0875	460.0875	SEE DATABASE
9	450.1	460.1	SEE DATABASE
10	450.1125 450.125	460.1125 460.125	SEE DATABASE
12	450.1375	460.1375	SEE DATABASE SEE DATABASE
13	450.15	460.15	SEE DATABASE
14	450.1625	460.1625	SEE DATABASE
15 16	450.175 450.1875	460.175 460.1875	SEE DATABASE SEE DATABASE
17	450.2	460.2	SEE DATABASE
18	450.2125	460.2125	SEE DATABASE
19 20	450.225 450.2375	460.225 460.2375	SEE DATABASE SEE DATABASE
21	450.25	460.25	SEE DATABASE
22	450.2625	460.2625	SEE DATABASE
23	450.275	460.275	SEE DATABASE
24 25	450.2875 450.3	460.2875 460.3	SEE DATABASE SEE DATABASE
26	450.3125	460.3125	SEE DATABASE
27	450.325	460.325	SEE DATABASE
28 29	450.3375 450.35	460.3375 460.35	SEE DATABASE
30	450.3625	460.3625	SEE DATABASE SEE DATABASE
31	450.375	460.375	SEE DATABASE
32	450.3875	460.3875	SEE DATABASE
33	450.4 450.4125	460.4 460.4125	SEE DATABASE SEE DATABASE
35	450.425	460.425	SEE DATABASE
36	450.4375	460.4375	SEE DATABASE
37 38	450.45 450.4625	460.45 460.4625	SEE DATABASE SEE DATABASE
39	450.475	460.475	SEE DATABASE
40	450.4875	460.4875	SEE DATABASE
41	450.5 450.5125	460.5 460.5125	SEE DATABASE SEE DATABASE
43	450.525	460.525	SEE DATABASE SEE DATABASE
44	450.5375	460.5375	SEE DATABASE
CH. No.	BTX	MTX	REMARKS
OH: NO.	BIX	WITA	KEWAKKO
CH-PLA	N FOR 450	452.9875/	460_462.9875MHz 2005 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
CH. No. 45	BTX 450.55	MTX 460.55	REMARKS SEE DATABASE
CH. No.	BTX	MTX	REMARKS
CH. No. 45 46 47 48	BTX 450.55 450.5625 450.575 450.5875	MTX 460.55 460.5625 460.575 460.5875	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48 49	BTX 450.55 450.5625 450.575 450.5875 450.6	MTX 460.55 460.5625 460.575 460.5875 460.6	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48	BTX 450.55 450.5625 450.575 450.5875	MTX 460.55 460.5625 460.575 460.5875	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48 49 50 51	BTX 450.55 450.5625 450.575 450.5875 450.6 450.6125 450.625 450.6375	MTX 460.55 460.5625 460.575 460.5875 460.6 460.6125 460.625 460.6375	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52	BTX 450.55 450.5625 450.575 450.5875 450.6 450.6125 450.625 450.625 450.6375 450.6375	MTX 460.55 460.5625 460.575 460.5875 460.6 460.6125 460.625 460.6375 460.65	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48 49 50 51	BTX 450.55 450.5625 450.575 450.5875 450.6 450.6125 450.625 450.6375	MTX 460.55 460.5625 460.575 460.5875 460.6 460.6125 460.625 460.6375	REMARKS SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.6375 450.65 450.6625 450.68875	MTX 460.55 460.5625 460.575 460.5875 460.6825 460.625 460.625 460.6375 460.685 460.665 460.6675	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57	BTX 450.55 450.5625 450.5625 450.575 450.5875 450.6125 450.625 450.625 450.625 450.6625 450.6625 450.6875 450.6875	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6 460.6125 460.625 460.6375 460.65 460.6625 460.675 460.6875	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.6375 450.65 450.6625 450.68875	MTX 460.55 460.5625 460.575 460.5875 460.6825 460.625 460.625 460.6375 460.685 460.665 460.6675	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 56 57 58 59 60	BTX 450.55 450.5625 450.5625 450.575 450.68 450.6125 450.625 450.6375 450.625 450.6625 450.68275 450.6875 450.6875 450.6875 450.77 450.7125 450.7125	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6 460.6125 460.6375 460.625 460.6625 460.675 460.6875 460.6875 460.7375	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61	BTX 450.55 450.5625 450.5625 450.575 450.875 450.625 450.625 450.625 450.625 450.6625 450.6625 450.6625 450.6625 450.775 450.775	MTX 460.55 460.5625 460.575 460.575 460.687 460.6125 460.625 460.625 460.625 460.655 460.675 460.775 460.775 460.7725 460.7375 460.75	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 56 57 58 59 60	BTX 450.55 450.5625 450.5625 450.575 450.68 450.6125 450.625 450.6375 450.625 450.6625 450.68275 450.6875 450.6875 450.6875 450.77 450.7125 450.7125	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6 460.6125 460.6375 460.625 460.6625 460.675 460.6875 460.6875 460.7375	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 60 61 62 63 64	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.625 450.65 450.6625 450.675 450.725 450.725 450.725 450.725 450.725 450.725 450.725 450.75	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6875 460.625 460.625 460.655 460.675 460.775 460.775 460.775 460.775	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 60 61 62 63 64 65	BTX 450.55 450.5625 450.5625 450.575 450.5875 450.6125 450.625 450.625 450.625 450.6625 450.675 450.675 450.7125 450.7725 450.725 450.775 450.775 450.775 450.775	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6 460.6125 460.625 460.6375 460.65 460.6625 460.675 460.7125 460.7125 460.7375 460.75 460.75 460.75 460.775 460.775 460.785	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 60 61 62 63 64	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.625 450.65 450.6625 450.675 450.725 450.725 450.725 450.725 450.725 450.725 450.725 450.75	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6875 460.625 460.625 460.655 460.675 460.775 460.775 460.775 460.775	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.65 450.6875 450.6875 450.75 450.775 450.7125 450.725 450.75 450.775 450.775 450.775 450.7875 450.7875 450.7875 450.7875 450.7875 450.7875	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.65 460.65 460.665 460.675 460.75 460.775 460.725 460.725 460.75 460.75 460.75 460.75 460.75 460.75 460.75	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 63 54 55 66 67 68 67 68 69	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.625 450.656 450.6625 450.665 450.675 450.775 450.7725 450.775 450.775 450.775 450.7875 450.825 450.825 450.825 450.825	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.655 460.675 460.675 460.775 460.725 460.755 460.855	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68	BTX 450.55 450.5625 450.5625 450.575 450.5875 450.6125 450.625 450.625 450.625 450.6375 450.65 450.6625 450.6725 450.7125 450.7125 450.7375 450.75 450.7895 450.7895 450.7895 450.7895 450.7895 450.7895 450.7895 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125 450.8125	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6825 460.625 460.625 460.6625 460.675 460.675 460.7125 460.7125 460.725 460.7375 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.75 460.7625 460.8625 460.8625	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70	BTX 450.55 450.5625 450.5625 450.575 450.8875 450.6125 450.625 450.625 450.625 450.656 450.6625 450.665 450.675 450.775 450.7725 450.775 450.775 450.775 450.7875 450.825 450.825 450.825 450.825	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.655 460.675 460.675 460.775 460.725 460.755 460.855	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 62 63 64 65 66 67 68 69 70 71 72 73	BTX 450.85 450.5625 450.5625 450.5875 450.8875 450.625 450.625 450.625 450.625 450.625 450.6625 450.6875 450.7125 450.725 450.725 450.75 450.75 450.75 450.75 450.75 450.75 450.75 450.875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.625 460.6875 460.675 460.725 460.725 460.725 460.725 460.725 460.725 460.725 460.7375 460.75 460.785 460.7875 460.7875 460.888888888888888888888888888888888888	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72	BTX 450.55 450.5625 450.5625 450.5625 450.675 450.6875 450.625 450.625 450.625 450.625 450.675 450.7625 450.725 450.875 450.875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.625 460.675 460.675 460.775 460.725 460.725 460.755 460.875 460.875 460.875 460.875	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 67 68 69 70 71 72 73 74	BTX 450.85 450.5625 450.5625 450.5875 450.8875 450.625 450.625 450.625 450.625 450.625 450.6625 450.6875 450.7125 450.725 450.725 450.75 450.75 450.75 450.75 450.75 450.75 450.75 450.875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.625 460.6875 460.675 460.725 460.725 460.725 460.725 460.725 460.725 460.725 460.7375 460.75 460.785 460.7875 460.7875 460.888888888888888888888888888888888888	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76	BTX 450.55 450.5625 450.5625 450.5625 450.675 450.6875 450.6125 450.625 450.625 450.625 450.6625 450.6625 450.672 450.725 450.825	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6875 460.625 460.625 460.625 460.655 460.675 460.675 460.7125 460.7125 460.725 460.7375 460.7375 460.7375 460.7375 460.7385 460.7385 460.7480.7486 460.75 460.75 460.75 460.75 460.75 460.8375 460.8375 460.8375 460.8375 460.8375 460.8375 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875 460.875	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76 77 78	BTX 450.85 450.5625 450.5625 450.575 450.875 450.625 450.625 450.625 450.625 450.625 450.625 450.625 450.625 450.625 450.625 450.725 450.7125 450.725 450.75 450.75 450.75 450.75 450.75 450.875 450.875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.9825 450.9925 450.9925	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.625 460.625 460.625 460.625 460.625 460.625 460.675 460.7125 460.725 460.725 460.725 460.725 460.725 460.7375 460.785 460.785 460.785 460.785 460.785 460.885 460.885 460.8825 460.8875 460.8875 460.8875 460.8875 460.8875 460.8875 460.8875 460.8875 460.8875 460.895 460.9825 460.9925	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76	BTX 450.55 450.5625 450.5625 450.5625 450.6125 450.625 450.625 450.625 450.625 450.6375 450.65 450.656 450.675 450.737 450.7125 450.725 450.737 450.75 450.787 450.787 450.8825 450.8825 450.8825 450.8825 450.8825 450.8825 450.8925 450.8925 450.8925 450.89375 450.8925 450.8925 450.8925 450.9975	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6125 460.625 460.625 460.625 460.625 460.675 460.675 460.735 460.735 460.725 460.725 460.725 460.725 460.725 460.735 460.735 460.8375 460.8375 460.840.8625 460.855 460.8625 460.875 460.8625 460.875 460.8625 460.875 460.875 460.89375 460.875 460.89375 460.875 460.9925 460.925 460.925 460.9375 460.99375 460.95	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	BTX 450.56 450.5625 450.5625 450.5625 450.675 450.6875 450.625 450.625 450.625 450.6875 450.6875 450.765 450.775 450.7125 450.725 450.725 450.7375 450.75 450.7875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8975 450.9875 450.9975 450.9975 450.9975	MTX 460.55 460.5625 460.5625 460.575 460.575 460.625 460.625 460.625 460.625 460.625 460.6875 460.675 460.725 460.875 460.875 460.875 460.875 460.875 460.875 460.9875 460.9975 460.9625	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	BTX 450.55 450.5625 450.5625 450.5625 450.575 450.6125 450.6125 450.625 450.625 450.625 450.625 450.625 450.672 450.725 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6875 460.625 460.625 460.625 460.625 460.6575 460.675 460.675 460.7125 460.775 460.7125 460.725 460.7375 460.7375 460.7375 460.7375 460.7375 460.7460.75 460.75 460.75 460.75 460.75 460.8375 460.8375 460.8375 460.8375 460.8375 460.8375 460.9375 460.9375 460.9375 460.9375 460.955 460.955 460.955 460.975 460.975 460.975	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	BTX 450.85 450.5625 450.5625 450.575 450.6875 450.6875 450.625 450.625 450.625 450.625 450.6875 450.6875 450.7625 450.7725 450.7825 450.7825 450.78450.785 450.785 450.785 450.785 450.785 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8875 450.8975 450.99875 450.99875 450.99875 450.99875 450.99875 450.99875 450.99875 450.99875 450.99875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875 450.9875	MTX 460.55 460.5625 460.5625 460.575 460.575 460.625 460.625 460.625 460.625 460.625 460.625 460.675 460.725 460.825 460.925 460.925 460.925 460.925 460.925 460.925 460.9875 460.9875 460.9875 460.9875 460.9875 460.9875 461 461 461.0125	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 81 82 83	BTX 450.55 450.5625 450.5625 450.5625 450.575 450.6125 450.6125 450.625 450.625 450.625 450.625 450.625 450.672 450.725 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.825 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925 450.925	MTX 460.55 460.5625 460.5625 460.575 460.5875 460.6875 460.625 460.625 460.625 460.625 460.6575 460.675 460.675 460.7125 460.775 460.7125 460.725 460.7375 460.7375 460.7375 460.7375 460.7375 460.7460.75 460.75 460.75 460.75 460.75 460.8375 460.8375 460.8375 460.8375 460.8375 460.9375 460.9375 460.9375 460.9375 460.9375 460.955 460.955 460.975 460.975 460.975	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 57 58 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 86	BTX 450.55 450.5625 450.5625 450.5625 450.675 450.6875 450.625 450.625 450.625 450.6875 450.6875 450.765 450.775 450.7125 450.725 450.725 450.7375 450.75 450.7875 450.825 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.9375 450.9375 450.9375 450.9375 451.0375 451.0375 451.0375 451.0375	MTX 460.55 460.5625 460.5625 460.575 460.575 460.625 460.625 460.625 460.625 460.625 460.625 460.625 460.625 460.725 460.825 460.825 460.825 460.825 460.825 460.825 460.825 460.825 460.925 460.925 460.925 460.925 460.925 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 461.0125 461.0125	REMARKS  SEE DATABASE
CH. No.  45  46  47  48  49  50  51  52  53  54  55  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85	BTX 450.55 450.5625 450.5625 450.575 450.6875 450.6125 450.625 450.625 450.625 450.625 450.625 450.675 450.725 450.725 450.725 450.725 450.725 450.725 450.725 450.825 450.925 450.925 450.925 450.9375 450.985 450.9875 451.025 451.025 451.025 451.025	MTX 460.55 460.5625 460.5625 460.5625 460.575 460.6875 460.625 460.625 460.625 460.6375 460.675 460.675 460.675 460.775 460.775 460.725 460.725 460.755 460.755 460.85 460.825 460.925 460.925 460.925 460.925 460.925 460.925 460.925 460.975 460.9875	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 80 81 82 83 84 85 86 87	BTX 450.55 450.5625 450.5625 450.5625 450.675 450.6875 450.625 450.625 450.625 450.6875 450.6875 450.765 450.775 450.7125 450.725 450.725 450.7375 450.75 450.7875 450.825 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.925 450.9375 450.9375 450.9375 450.9375 450.9375 451.0375 451.0375 451.0375 451.0375	MTX 460.55 460.5625 460.5625 460.575 460.575 460.625 460.625 460.625 460.625 460.625 460.625 460.625 460.625 460.725 460.825 460.825 460.825 460.825 460.825 460.825 460.825 460.825 460.925 460.925 460.925 460.925 460.925 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 460.9825 460.975 461.0125 461.0125	REMARKS  SEE DATABASE
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87	BTX 450.85 450.5625 450.5625 450.5625 450.675 450.6875 450.625 450.625 450.625 450.625 450.625 450.625 450.625 450.725 450.7725 450.725 450.725 450.75 450.75 450.75 450.75 450.75 450.75 450.75 450.75 450.75 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.875 450.9875 451.025 451.025 451.025 451.025	MTX 460.55 460.5625 460.5625 460.575 460.575 460.625 460.625 460.625 460.625 460.625 460.625 460.625 460.675 460.725 460.725 460.725 460.725 460.725 460.725 460.7875 460.7875 460.7875 460.8875 460.8975 460.8975 460.8975 460.8975 460.8975 460.8975 460.9825 460.8975 460.9825 460.9875 460.9825 460.9875 460.9825 460.9875 460.9825 460.9875 460.9825 460.9875 460.9825 460.9875 461.09875	REMARKS  SEE DATABASE

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			/460_462.9875MHz 2005 (12.5 kHz)
CH. No. 92	BTX 451.1375	MTX 461.1375	REMARKS SEE DATABASE
93	451.15	461.15	SEE DATABASE
94	451.1625	461.1625	SEE DATABASE
95	451.175	461.175	SEE DATABASE
96	451.1875	461.1875	SEE DATABASE
97	451.2	461.2	SEE DATABASE
98	451.2125	461.2125	SEE DATABASE
99	451.225	461.225	SEE DATABASE
100	451.2375	461.2375	SEE DATABASE
101	451.25	461.25	SEE DATABASE
102	451.2625	461.2625	SEE DATABASE
103	451.275	461.275	SEE DATABASE
105	451.2875 451.3	461.2875 461.3	SEE DATABASE SEE DATABASE
106	451.3125	461.3125	SEE DATABASE
107	451.325	461.325	SEE DATABASE
108	451.3375	461.3375	SEE DATABASE
109	451.35	461.35	SEE DATABASE
110	451.3625	461.3625	SEE DATABASE
111	451.375	461.375	SEE DATABASE
112	451.3875	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	451.4375	461.4375	SEE DATABASE
117	451.45	461.45	SEE DATABASE
118	451.4625 451.475	461.4625	SEE DATABASE SEE DATABASE
119 120	451.475 451.4875	461.475 461.4875	SEE DATABASE SEE DATABASE
121	451.4875	461.4875	SEE DATABASE SEE DATABASE
122	451.5125	461.5125	SEE DATABASE SEE DATABASE
123	451.525	461.525	SEE DATABASE
124	451.5375	461.5375	SEE DATABASE
125	451.55	461.55	SEE DATABASE
126	451.5625	461.5625	SEE DATABASE
127	451.575	461.575	SEE DATABASE
128	451.5875	461.5875	SEE DATABASE
129	451.6	461.6	SEE DATABASE
130	451.6125	461.6125	SEE DATABASE
131	451.625	461.625	SEE DATABASE
132	451.6375	461.6375	SEE DATABASE
133	451.65	461.65	SEE DATABASE
134	451.6625	461.6625	SEE DATABASE
135	451.675	461.675	SEE DATABASE
			CEE DATABACE
136	451.6875	461.6875	SEE DATABASE
137 138 CH. No.	451.7 451.7125 BTX	461.7 461.7125 MTX	SEE DATABASE SEE DATABASE REMARKS
137 138 CH. No. CH-PLA CH. No.	451.7 451.7125 BTX AN FOR 450 BTX	461.7 461.7125 MTX 452.9875	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS
137 138 CH. No. CH-PLA CH. No. 139	451.7 451.7125 BTX AN FOR 450 BTX 451.725	461.7 461.7125 MTX 452.9875 MTX 461.725	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH. No. 139 140	451.7 451.7125 BTX AN 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 SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7375	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 SEE DATABASE
137 138 CH. No. CH. No. 139 140 141	451.7 451.7125 BTX AN 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 SEE DATABASE
137 138 CH. No. CH. No. 139 140 141 142	451.7 451.7125 BTX AN 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 SEE DATABASE
137 138 CH. No. EH-PL/ CH. No. 139 140 141 142 143 144 145	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.775 451.7875 451.7875	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.775	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 SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
137 138 CH. No. CH. No. 139 140 141 142 143 144 145 146	451.7 451.7125 AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.776 451.7875 451.8125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7625 461.7625 461.775 461.7875 461.8125	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 SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
137 138 CH. No. CH. No. 139 140 141 142 143 144 145 146 147	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.725 451.7625 451.7625 451.7875 451.8125 451.8125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.735 461.75 461.7625 461.775 461.7876 461.825	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 SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE
137 138 CH. No. :H-PL/ CH. No. 139 140 141 142 143 144 145 146 147	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.776 451.7875 451.8125 451.8125 451.8375	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.7625 461.775 461.8125 461.8125 461.8375	SEE DATABASE SEE DATABASE REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS SEE DATABASE
137 138 CH. No. CH-PL/A CH. No. 139 140 141 142 143 144 145 146 147 148	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.725 451.7625 451.7625 451.775 451.8125 451.8125 451.825 451.8375 451.825	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.775 461.7875 461.825 461.825 461.825 461.825	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. EH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.725 451.725 451.7625 451.776 451.7875 451.818 451.8125 451.825 451.825 451.825 451.825	461.7125  MTX  452.9875  MTX  461.725  461.7375  461.7625  461.775  461.7875  461.8185  461.825  461.825  461.8625	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	451.7 451.7125 AN FOR 450 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.825 451.8375 451.826 451.8375 451.826 451.8375 451.8625 451.875	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.8125 461.825 461.825 461.825 461.825 461.825 461.875	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. CH-PL/A CH. No. 139 140 141 142 143 144 145 146 147 148 149 150	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.825 451.8375 451.8625 451.8625 451.8625 451.8625	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.775 461.7875 461.8875 461.825 461.825 461.825 461.825 461.8575 461.8875	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	451.7 451.7125 AN FOR 450 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.825 451.8375 451.826 451.8375 451.826 451.8375 451.8625 451.875	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.8125 461.825 461.825 461.825 461.825 461.825 461.875	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. :H-PL/A CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.776 451.786 451.875 451.825 451.825 451.825 451.825 451.825 451.8625 451.875 451.875	461.71 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7625 461.775 461.7875 461.881 461.8125 461.825 461.825 461.875 461.885 461.8875 461.8875	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. H-PL/ CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 151	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.8125 451.826 451.826 451.826 451.8275 451.8875 451.8787 451.879 451.879	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.85 461.875 461.875	SEE DATABASE SEE DATABASE REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. 2H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 151 152 153 154 155 155	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.767 451.7675 451.7875 451.8125 451.8125 451.825	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.775 461.7875 461.825 461.825 461.825 461.825 461.8275 461.85 461.875 461.8975 461.9375 461.9375 461.925 461.925 461.9375	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. CHPL.A CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 156 156 157	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.725 451.725 451.7625 451.7875 451.7875 451.8125 451.8125 451.826 451.826 451.8375 451.8625 451.8875 451.879 451.9125 451.9125 451.926 451.926 451.926 451.926	461.7125  MTX  452.9875  MTX  461.725  461.7375  461.7625  461.775  461.7876  461.825  461.825  461.825  461.825  461.825  461.825  461.895  461.9025  461.995  461.995	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. 2H-PL/ CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.8125 451.825 451.9375 451.925 451.9375 451.9375	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.8375 461.85 461.875 461.9125 461.9125 461.9125 461.925 461.925 461.925	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. 2 H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 151 152 153 154 155 156 156 157 158	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.875 451.8125 451.825 451.925 451.925 451.925 451.925 451.925 451.925	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.757 461.7625 461.775 461.875 461.8875 461.825 461.825 461.825 461.85 461.85 461.895 461.995 461.995 461.995 461.975 461.975	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. 2H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158	451.7 451.7125 AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.875 451.825 451.825 451.825 451.825 451.825 451.825 451.8375 451.825 451.8375 451.825 451.8375 451.825 451.8375 451.8375 451.8375 451.8375 451.8375 451.8375 451.9375 451.9375 451.9375 451.9625 451.9625 451.9625 451.9625 451.9625 451.9625 451.9625 451.9625	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.8125 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.9375 461.9125 461.9375 461.9375 461.9375 461.975 461.975	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. SH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 156 157 158 159 160 161	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.735 451.75 451.765 451.7875 451.8125 451.8125 451.8125 451.826 451.827 451.826 451.827 451.827 451.828 451.829 451.926 451.9375 451.9375 451.926 451.926 451.926 451.927 451.926 451.927 451.928	461.71 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.8975 461.995 461.995 461.9125 461.925	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. CHPL/ CH-No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.725 451.725 451.7625 451.7875 451.7875 451.875 451.8125 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925	461.71 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7625 461.7875 461.7875 461.875 461.8875 461.8925 461.8975 461.9925 461.9925 461.9925 461.9925 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9975 461.9925 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975 461.975	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. SH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 156 157 158 159 160 161	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.735 451.75 451.765 451.7875 451.8125 451.8125 451.8125 451.826 451.827 451.8625 451.8625 451.876 451.9125 451.9375 451.926 451.9375 451.926 451.926 451.9375 451.926 451.9375 451.926	461.71 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.8975 461.995 461.995 461.9125 461.925	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. 2H-PL/ CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 151 152 153 154 155 156 157 158 159 160 161 162 163	451.7 451.7125 AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.8125 451.825 451.925 451.925 451.925 451.9375 451.9625 451.9625 452.0125 452.0125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.8125 461.8125 461.825 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.9376 461.9125 461.9376	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. 2H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 156 166 161 161 162 163 164	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.8125 451.826 451.827 451.826 451.827 451.827 451.828 451.829 451.925 452.025 452.025 452.0375 452.0625 452.075	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.8975 461.9125 461.9125 461.925 461.925 461.925 461.925 461.925 461.925 461.9375 461.975 461.975 461.975 462.0375 462.0375 462.0625 462.075	SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. 2 H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	451.7 451.7125  BTX AN FOR 450  BTX 451.725 451.725 451.725 451.725 451.7625 451.7625 451.7875 451.825 451.8375 451.825 451.825 451.826 451.827 451.827 451.827 451.827 451.827 451.827 451.827 451.925 452.025 452.025	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7625 461.775 461.7875 461.875 461.8875 461.8875 461.895 461.895 461.995 461.995 461.995 461.995 461.995 461.995 461.905 461.975 461.9625 462.0375 462.055 462.055 462.055	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 156 157 158 159 160 161 162 163 164 165 166 167 168	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.75 451.7625 451.7625 451.7875 451.8125 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.9375 451.9375 452.025 452.0375 452.0625 452.075 452.075	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.8125 461.8125 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.875 461.875 461.925 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 462.0125 462.0375 462.0375 462.0875 462.0875	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. 2 H-PLA CH. No. 39 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 166 161 161 162 163 164 165 166 166 167 168 169 170	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.75 451.767 451.7875 451.875 451.8125 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.875 451.925 452.025 452.025 452.025 452.025 452.0625 452.075 452.075 452.075 452.075	461.7 461.7125 MTX 452.9875 MTX 461.725 461.7375 461.7625 461.775 461.7875 461.875 461.8875 461.825 461.825 461.825 461.825 461.825 461.8375 461.8975 461.925 462.025 462.025 462.075 462.075 462.075 462.0875	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 166 167 168 169 170	451.7 451.7125  BTX  N FOR 450  BTX 451.725 451.725 451.725 451.75 451.7625 451.7625 451.875 451.8125 451.825 451.825 451.875 451.875 451.8975 451.9875 452.0825 452.0875 452.0875 452.0875 452.0875 452.0875 452.1125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.75 461.75 461.825 461.8125 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.995 461.9125 461.925 461.925 461.925 461.925 461.925 461.925 462.0125 462.0625 462.05 462.05 462.075 462.1125	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 156 157 158 160 161 162 163 164 165 166 167 168 169 170 171	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7875 451.7875 451.7875 451.8125 451.8125 451.8125 451.826 451.827 451.827 451.828 451.829 451.829 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.025 452.0875 452.125 452.125 452.125 452.125	461.71 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.8975 461.9125 461.9125 461.9125 461.9125 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 462.025 462.025 462.0375 462.0625 462.075 462.1125 462.1125 462.1125 462.1125 462.1125	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. 2H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 166 161 161 162 163 164 165 166 167 168 169 170 171 172	451.7 451.7125  BTX AN FOR 450 BTX 451.725 451.725 451.725 451.725 451.725 451.7875 451.7875 451.8125 451.8125 451.825 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.025 452.025 452.025 452.075 452.0875 452.125 452.1125 452.1125 452.1125 452.1125	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7625 461.775 461.7875 461.875 461.8875 461.8875 461.8975 461.8975 461.997 461.997 461.997 461.997 461.997 461.9025 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 462.005 462.005 462.005 462.005 462.0075 462.0075 462.1125 462.1125 462.1125 462.1375	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 156 157 156 167 168 169 160 167 168 169 170 171 172 173	451.7 451.7125 BTX NFOR 450 BTX 451.725 451.7375 451.725 451.765 451.765 451.765 451.7875 451.825 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.0625 452.075 452.1125 452.1125 452.1125 452.1125 452.1125 452.1125 452.1125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.7625 461.775 461.7875 461.8125 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.995 461.9125 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 461.9375 462.0125 462.025 462.0375 462.0575 462.125 462.125 462.125 462.125 462.155	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. 2H-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 163 164 167 168 160 161 162 163 164 165 166 167 168 169 170 171 171 173	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7875 451.7875 451.7875 451.8125 451.8125 451.8125 451.826 451.827 451.8875 451.8875 451.8975 451.925 451.925 451.925 451.925 451.925 451.926 451.927 451.927 451.928 451.928 451.929 451.929 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.025 452.025 452.025 452.0375 452.125 452.125 452.125 452.125 452.125 452.1375 452.1525 452.175	461.7 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.85 461.8625 461.9125 461.9125 461.9125 461.925 461.925 461.925 462.025 462.025 462.075 462.075 462.075 462.075 462.1125 462.1125 462.1125 462.1125 462.1125 462.1175	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 167 168 169 170 171 172 173 174 175	451.7 451.7125  BTX  N FOR 450  BTX 451.725 451.725 451.725 451.75 451.7625 451.7625 451.875 451.8125 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.026 452.026 452.026 452.027 452.05 452.055 452.055 452.055 452.057 452.057 452.057 452.125 452.125 452.125 452.125 452.125 452.125 452.125	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.875 461.8875 461.8875 461.895 461.8975 461.995 461.995 461.995 461.995 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 462.0125 462.1125 462.1125 462.1125 462.1125	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. CH. PD. A CH-PL A CH-PL A CH-PL A 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 161 162 163 164 165 167 168 169 170 171 172 173 174 175 175	451.7 451.7125 BTX AN FOR 450 BTX 451.725 451.7375 451.7875 451.7875 451.8125 451.8125 451.825 451.9375 451.925 451.9375 451.9375 452.025 452.025 452.025 452.075 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125	461.7 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.875 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 461.907 462.0125 462.0125 462.0125 462.0125 462.1125 462.1125 462.1375 462.1375 462.175 462.175 462.175 462.175 462.175 462.175	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 167 168 169 170 171 172 173 174 175	451.7 451.7125  BTX  N FOR 450  BTX 451.725 451.725 451.725 451.75 451.7625 451.7625 451.875 451.8125 451.825 451.925 451.925 451.925 451.925 451.925 451.925 451.925 452.026 452.026 452.026 452.027 452.05 452.055 452.055 452.055 452.057 452.057 452.057 452.125 452.125 452.125 452.125 452.125 452.125 452.125	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7375 461.7625 461.775 461.7875 461.875 461.8875 461.8875 461.895 461.8975 461.995 461.995 461.995 461.995 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 461.905 462.0125 462.1125 462.1125 462.1125 462.1125	SEE DATABASE SEE DATABASE SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 166 161 167 168 169 170 171 172 173 174 175 176	451.7 451.7125  BTX AN FOR 450 BTX 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.8125 451.8125 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 451.925 452.025 452.125	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7375 461.7625 461.75 461.7875 461.825 461.825 461.825 461.825 461.825 461.825 461.8275 461.8975 461.925 462.025 462.025 462.025 462.025 462.0375 462.05 462.075 462.075 462.125 462.125 462.125 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.175 462.175	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz)  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH-No. 139 140 141 142 143 144 145 146 147 148 149 150 151 151 152 153 154 155 156 157 156 157 166 167 168 169 169 170 171 172 173 174 175 176 177 178	451.7 451.7125  BTX  N FOR 450  BTX 451.725 451.7375 451.7375 451.765 451.765 451.765 451.7875 451.825 451.826 451.826 451.827 451.827 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.829 451.925 451.925 451.925 451.925 452.025 452.025 452.025 452.025 452.025 452.025 452.025 452.025 452.075 452.125 452.125 452.125 452.125 452.125 452.125 452.125	461.7 461.7125 MTX 452.9875 MTX 461.725 461.725 461.75 461.75 461.7625 461.875 461.8125 461.825 461.825 461.825 461.825 461.825 461.875 461.875 461.875 461.875 461.925 461.9375 461.9375 461.9376 461.9376 461.9376 461.9376 461.9376 461.9376 461.9376 461.9376 461.9376 462.0126	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH. No. CH-PL/ CH. No. CH. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 166 167 168 169 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 178 179 178	451.7 451.7125  BTX AN FOR 450 BTX 451.725 451.7375 451.7625 451.7625 451.7875 451.8125 451.8125 451.826 451.827 451.825 451.827 451.825 451.826 451.826 451.827 451.825 451.827 451.825 451.825 451.827 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.926 451.926 451.927 451.927 451.928 451.928 451.928 451.928 451.928 451.928 451.928 451.928 451.928 452.025 452.025 452.025 452.025 452.025 452.0375 452.0875 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.125 452.225 452.225 452.225	461.7 461.7125  MTX 452.9875  MTX 461.725 461.725 461.725 461.75 461.7625 461.775 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.825 461.925 461.9125 461.9125 461.925 461.925 461.925 462.0125 462.0125 462.025 462.075 462.075 462.075 462.1125 462.1125 462.1125 462.1125 462.1125 462.1125 462.1175 462.1175 462.1175 462.1175 462.1175 462.1175 462.2175 462.225 462.225 462.2375	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE
137 138 CH. No. CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 150 151 152 153 154 155 166 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180	451.7 451.7125  BTX AN FOR 450 BTX 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.725 451.875 451.875 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.825 451.925 451.925 451.925 451.925 452.075 452.125 452.125 452.125 452.125 452.125 452.125 452.215	461.7 461.7125  MTX 452.9875  MTX 461.725 461.7375 461.7375 461.7625 461.775 461.875 461.8875 461.8875 461.8975 461.8975 461.8975 461.997 461.997 461.997 461.997 461.9025 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 461.925 462.025 462.025 462.025 462.025 462.0375 462.05 462.075 462.125 462.225	SEE DATABASE  SEE DATABASE  REMARKS  /460_462.9875MHz 2005 (12.5 kHz  REMARKS  SEE DATABASE  SEE DAT

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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 452.5	462.4875 462.5	SEE DATABASE SEE DATABASE
201	452.5125	462.5125	SEE DATABASE
202	452.525	462.525	SEE DATABASE
203	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
218 219	452.7125 452.725	462.7125 462.725	SEE DATABASE 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	SEE DATABASE
229	452.85	462.85	SEE DATABASE
230	452.8625	462.8625	SEE DATABASE
231	452.875	462.875	SEE DATABASE
232	452.8875	462.8875	SEE DATABASE
CH. No.	BTX	MTX	REMARKS
CH-PLA	N FOR 450	452.9875	/460_462.9875MHz 2005 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
233	452.9	462.9	SEE DATABASE
234	452.9125	462.9125	SEE DATABASE
235	452.925	462.925	SEE DATABASE
236	452.9375	462.9375	SEE DATABASE
237	452.95	462.95	SEE DATABASE
238	452.9625	462.9625	SEE DATABASE
239 240	452.975 452.9875	462.975	SEE DATABASE SEE DATABASE
∠ <del>4</del> U	452.9875	462.9875	OLL DATADAGE

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HANN	FL PLAN FOR 453	3 - 453.9875MHz 2003 (12.5kHz)	)
CH. No.	SF SF		s/G
1	453	SEE DATABASE	
2	453.0125	SEE DATABASE	
3	453.025	SEE DATABASE	
4 5	453.0375	SEE DATABASE	
6	453.05 453.0625	SEE DATABASE SEE DATABASE	
7	453.075	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	453.15 453.1625	SEE DATABASE SEE DATABASE	
15	453.175	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	453.25	SEE DATABASE	
22	453.2625	SEE DATABASE	
23	453.275 453.2875	SEE DATABASE	
24 25	453.2875 453.3	SEE DATABASE SEE DATABASE	
26	453.3125	SEE DATABASE	
27	453.325	SEE DATABASE	
28	453.3375	SEE DATABASE	
29	453.35	SEE DATABASE	
30	453.3625	SEE DATABASE	
31	453.375	SEE DATABASE	
32	453.3875	SEE DATABASE	
33	453.4	SEE DATABASE	
34	453.4125	SEE DATABASE	
35 36	453.425 453.4375	SEE DATABASE SEE DATABASE	
37	453.45	SEE DATABASE	
38	453.4625	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	453.5375	SEE DATABASE	
45	453.55	SEE DATABASE	
46 47	453.5625 453.575	SEE DATABASE SEE DATABASE	
HANN		<u>3 - 453.9875MHz 2003 (12.5kHz)</u>	)
48	453.5875	SEE DATABASE	
49	453.6	SEE DATABASE	
50	453.6125	SEE DATABASE	
51 52	453.625 453.6375	SEE DATABASE SEE DATABASE	
53	453.65	SEE DATABASE	
54	453.6625	SEE DATABASE	
55	453.675	SEE DATABASE	
56	453.6875	SEE DATABASE	
57	453.7	SEE DATABASE	
58	453.7125	SEE DATABASE	
59	453.725	SEE DATABASE	
60 61	453.7375	SEE DATABASE	
	453.75	SEE DATABASE SEE DATABASE	
	453 7625	OLL DATADAGE	
62	453.7625 453.775	SEE DATABASE	
	453.7625 453.775 453.7875	SEE DATABASE SEE DATABASE	
62 63	453.775		
62 63 64	453.775 453.7875 453.8 453.8125	SEE DATABASE	
62 63 64 65 66 67	453.775 453.7875 453.8 453.8125 453.825	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68	453.775 453.7875 453.8 453.8125 453.825 453.825	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69	453.775 453.7875 453.8 453.8125 453.825 453.8375 453.8375	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70	453.775 453.7875 453.8 453.8125 453.825 453.825 453.8375 453.85 453.8625	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71	453.775 453.7875 453.8 453.8125 453.825 453.825 453.8375 453.85 453.8625 453.875	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71	453.775 453.7875 453.8 453.8125 453.825 453.825 453.8375 453.85 453.8625 453.875 453.875	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73	453.775 453.7875 453.8 453.8125 453.825 453.825 453.825 453.85 453.8625 453.875 453.875 453.875	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73	453.775 453.7875 453.8 453.8125 453.825 453.8375 453.865 453.8625 453.875 453.875 453.875 453.875 453.89	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73	453.775 453.7875 453.8 453.8125 453.825 453.825 453.825 453.85 453.8625 453.875 453.875 453.875	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73 74	453.775 453.7875 453.8 453.8125 453.825 453.825 453.855 453.8625 453.875 453.875 453.875 453.925	SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	453.775 453.7875 453.8 453.8125 453.825 453.825 453.855 453.8625 453.8625 453.875 453.875 453.925 453.925 453.925 453.925 453.9375 453.95	SEE DATABASE SEE DATABASE	
62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	453.775 453.7875 453.8 453.8125 453.825 453.8375 453.865 453.8625 453.875 453.875 453.875 453.9125 453.9125 453.925 453.9375 453.9375	SEE DATABASE SEE DATABASE	

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ны /	N FOR 454	125 160/	464.425 470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
1	454.425	464.425	VARIOUS ASSIGMENTS
2	454.4375	464.4375	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	464.4875	VARIOUS ASSIGMENTS
7 8	454.5 454.5125	464.5 464.5125	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
9	454.5125	464.525	VARIOUS ASSIGNMENTS  VARIOUS ASSIGNMENTS
10	454.5375	464.5375	VARIOUS ASSIGMENTS
11	454.55	464.55	VARIOUS ASSIGMENTS
12	454.5625	464.5625	VARIOUS ASSIGMENTS
13	454.575	464.575	VARIOUS ASSIGMENTS
14	454.5875	464.5875	VARIOUS ASSIGMENTS
15	454.6	464.6	VARIOUS ASSIGMENTS
16 17	454.6125	464.6125 464.625	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
18	454.625 454.6375	464.6375	VARIOUS ASSIGNMENTS  VARIOUS ASSIGNMENTS
19	454.65	464.65	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	454.7125	464.7125	VARIOUS ASSIGMENTS
25	454.725	464.725	VARIOUS ASSIGMENTS
26	454.7375	464.7375	VARIOUS ASSIGMENTS
27	454.75	464.75	VARIOUS ASSIGMENTS
28 29	454.7625 454.775	464.7625 464.775	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
30	454.775	464.775	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
31	454.8	464.8	VARIOUS ASSIGMENTS
32	454.8125	464.8125	VARIOUS ASSIGMENTS
33	454.825	464.825	VARIOUS ASSIGMENTS
34	454.8375	464.8375	VARIOUS ASSIGMENTS
35	454.85	464.85	VARIOUS ASSIGMENTS
36	454.8625	464.8625	VARIOUS ASSIGMENTS
37	454.875	464.875	VARIOUS ASSIGMENTS
38 39	454.8875	464.8875	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
40	454.9 454.9125	464.9 464.9125	VARIOUS ASSIGNENTS  VARIOUS ASSIGNENTS
41	454.925	464.925	VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS
42	454.9375	464.9375	VARIOUS ASSIGMENTS
43	454.95	464.95	VARIOUS ASSIGMENTS
44	454.9625	464.9625	VARIOUS ASSIGMENTS
H-PI A	N FOR 454	MTX 425_460/4	REMARKS 464 425 470MHz 2004 (12 5 kHz)
CH. No.	N FOR 454	.425_460/4 MTX	464.425_470MHz 2004 (12.5 kHz) REMARKS
	N FOR 454 BTX 454.975	.425_460/4 MTX 464.975	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS
CH. No. 45	N FOR 454	.425_460/4 MTX	464.425_470MHz 2004 (12.5 kHz) REMARKS
CH. No. 45 46 47 48	BTX 454.975 454.9875 455.0125	.425_460/4 MTX 464.975 464.9875 465 465.0125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL  EXISTING TRANSTEL
CH. No. 45 46 47 48 49	BTX 454.975 454.9875 455.0125 455.025	MTX 464.975 464.9875 465.0125 465.025	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL  EXISTING TRANSTEL  EXISTING TRANSTEL
2H. No. 45 46 47 48 49 50	BTX 454.975 454.9875 455.0125 455.025 455.0375	.425_460/4 MTX 464.975 464.9875 465.0125 465.025 465.025	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51	BTX 454.975 454.975 455.0125 455.025 455.0375 455.05	.425_460/4 MTX 464.9875 465.0125 465.0375 465.0375	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
CH. No. 45 46 47 48 49 50 51 52	BTX 454.975 454.9875 455.0125 455.025 455.025 455.0375 455.0625	.425_460/4 MTX 464.975 465.0125 465.025 465.025 465.05 465.0625	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 EXISTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53	BTX 454.975 454.9875 455.0125 455.025 455.0375 455.062 455.0625 455.075	.425_460/4 MTX 464.975 464.9875 465.0125 465.025 465.0375 465.05 465.0625 465.075	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 EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52	BTX 454.975 454.9875 455.0125 455.025 455.025 455.0375 455.0625	.425_460/4 MTX 464.975 465.0125 465.025 465.025 465.05 465.0625	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 EXISTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54	AN FOR 454  BTX 454.975 454.9875 455.0125 455.025 455.0375 455.05 455.0625 455.0625 455.0855	.425_460/4 MTX 464.975 464.9875 465.0125 465.025 465.0375 465.05 465.0625 465.075 465.0875	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  EXISTING TRANSTEL  EXISTING TRANSTEL  EXISTING TRANSTEL  EXISTING TRANSTEL  EXISTING TRANSTEL  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55	AN FOR 454  BTX 454.975 454.9875 455.0125 455.025 455.025 455.056 455.0625 455.0625 455.0875 455.1125 455.1125	.425_460/4 MTX 464.9875 465.0125 465.025 465.0375 465.05 465.0625 465.0625 465.075 465.075 465.075	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58	BTX 454.975 454.9875 455.0125 455.0125 455.025 455.0375 455.0625 455.0625 455.1125 455.1125 455.1125 455.1375	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.025 465.025 465.025 465.0275 465.125 465.125 465.125 465.125	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 EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59	MN FOR 454  BTX  454.9875  455.0875  455.0125  455.0375  455.0625  455.0625  455.0875  455.1125  455.1125  455.125  455.1375	.425_460/4 MTTX 464.975 464.9875 465.025 465.025 465.025 465.0625 465.0625 465.075 465.0875 465.125 465.125 465.125 465.125 465.125 465.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60	AN FOR 454 BTX 454.975 454.9875 455.0125 455.0125 455.0375 455.0625 455.0825 455.105 455.1125 455.1125 455.1375 455.15 455.1375	.425_460// MTX 464.9875 465.925 465.025 465.025 465.025 465.0875 465.0875 465.125 465.125 465.1375 465.125 465.125 465.125 465.125 465.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61	AN FOR 454 BTX 454.975 454.9875 455.0125 455.025 455.0375 455.06 455.0675 455.11 455.11 455.11 455.125 455.1375 455.16 455.16 455.16 455.16 455.16 455.175	.425_460// MTX 464.9875 464.9875 465.0125 465.025 465.025 465.0375 465.0625 465.075 465.075 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62	MN FOR 454  BTX 454.9875 454.9875 455.0125 455.0125 455.025 455.0375 455.0825 455.0875 455.1125 455.1125 455.1375 455.15.1125 455.15.1125 455.15.1125 455.15.1125 455.15.1125	.425_460/4 MTX 464.9875 484.9875 485.0125 485.0125 485.0125 485.0125 485.0125 485.0125 485.0125 485.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61	AN FOR 454 BTX 454.9875 454.9875 455.0125 455.0125 455.0375 455.0825 455.0825 455.075 455.0825 455.1125 455.1125 455.1375 455.125 455.1375 455.15 455.1525 455.175 455.175 455.175 455.175	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0875 465.0875 465.125 465.125 465.1375 465.125 465.125 465.125 465.125 465.125 465.125 465.1375 465.1575 465.1575 465.175 465.1875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63	MN FOR 454  BTX 454.9875 454.9875 455.0125 455.0125 455.025 455.0375 455.0825 455.0875 455.1125 455.1125 455.1375 455.15.1125 455.15.1125 455.15.1125 455.15.1125 455.15.1125	.425_460/4 MTX 464.9875 484.9875 485.0125 485.0125 485.0125 485.0125 485.0125 485.0125 485.0125 485.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  54  55  56  57  58  59  60  61  62  63  64	BTX 454.975 454.9875 455.025 455.025 455.0375 455.06 455.0825 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.1375 455.185 455.185 455.1875 455.1875 455.1875 455.1875 455.1875 455.1875 455.1875 455.2875	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0875 465.0875 465.125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL  EXISTING TRANSTEL
CH. No.  45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	AN FOR 454  BTX  454.9875  455.9875  455.0125  455.025  455.0375  455.0625  455.0875  455.1125  455.125  455.125  455.125  455.125  455.125  455.125  455.125  455.225  455.225  455.225	.425_460// MTTX 464.975 484.9875 484.9875 485.0125 485.0125 485.025 485.0625 485.075 485.075 485.125 485.125 485.125 485.125 485.125 485.125 485.125 485.125 485.125 485.125 485.2375 485.225	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  60  61  62  63  64  65  66  67  68	BTX 454.975 454.9875 455.0125 455.0125 455.0375 455.0825 455.075 455.0825 455.1125 455.1125 455.1125 455.1125 455.15 155.1125 455.15 155.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.1825 455.2825 455.2825	.425_460// MTX 464.9875 464.9875 465.0125 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.2375 465.25 465.25 465.275	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXSTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69	AN FOR 454  BTX  454,975  454,9875  455,0125  455,0125  455,0375  455,0625  455,075  455,11  455,1125  455,125  455,125  455,1375  455,1875  455,1875  455,1875  455,1875  455,28  455,225  455,225  455,2275  455,225	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 485.0625 465.0625 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.215 465.215 465.225 465.215 465.225 465.2375 465.25	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 49 50 51 52 53 54 55 56 67 68 69 70	BTX 454.975 454.9875 454.9875 455.0125 455.0125 455.0375 455.0375 455.0825 455.1125 455.1125 455.1125 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.25 455.25 455.275 455.275 455.275	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.25 465.25 465.25 465.25 465.25 465.25 465.25 465.275	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXSTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 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	BTX 454.975 454.9875 455.025 455.025 455.0375 455.062 455.0625 455.125 455.125 455.125 455.125 455.1375 455.125 455.1375 455.15 455.25 455.25 455.25 455.25 455.25 455.2625 455.275 455.2875	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.25 465.25 465.275 465.2875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70 71	AN FOR 454  BTX  454,9875  455,9875  455,0125  455,025  455,0375  455,063  455,0875  455,0875  455,1125  455,1125  455,125  455,1375  455,1875  455,1875  455,1875  455,2875  455,2875  455,2875  455,2875  455,2875  455,2875	.425_460// MTX 464.975 464.9875 465.025 465.025 465.0375 465.025 465.075 465.0875 465.125 465.225 465.225 465.225 465.225 465.225 465.225 465.225	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 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	BTX 454.975 454.9875 455.025 455.025 455.0375 455.062 455.0625 455.125 455.125 455.125 455.125 455.1375 455.125 455.1375 455.15 455.25 455.25 455.25 455.25 455.25 455.2625 455.275 455.2875	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.25 465.25 465.275 465.2875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  66  67  68  69  71  72  73	BTX 454.975 454.9875 455.9875 455.0125 455.0375 455.0375 455.0825 455.076 455.0875 455.1125 455.1125 455.1125 455.1125 455.1125 455.1875 455.1875 455.1875 455.2875 455.295 455.295 455.295 455.295 455.295 455.295 455.295	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.2375 465.225 465.225 465.225 465.275 465.275 465.275 465.275 465.2875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	BTX 454.975 454.9875 455.9875 455.0125 455.0125 455.0375 455.0825 455.0825 455.0875 455.1125 455.1125 455.1125 455.1125 455.1375 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.15 455.1825 455.25 455.25 455.25 455.25 455.25 455.25 455.25 455.25 455.25 455.25 455.275 455.375 455.3125 455.3125 455.3375 455.3375 455.325 455.3375 455.3375 455.3375	.425_460// .445_46975 .464.9875 .464.9875 .465.025 .465.025 .465.0375 .465.0875 .465.0875 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2125 .465.2375 .465.2375 .465.2375 .465.2375 .465.325	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 67 68 67 70 71 72 73 74 75 76	AN FOR 454  BTX  454,975  454,9875  455,9875  455,0125  455,0375  455,0625  455,075  455,075  455,1125  455,225  455,225  455,225  455,2275  455,2275  455,2275  455,2375  455,2375  455,3375  455,3375  455,3375  455,3375	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 485.0625 465.075 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.215	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  67  68  69  71  72  73  74  75  76  77  78	BTX 454.975 454.9875 455.9875 455.0125 455.0375 455.0375 455.0825 455.0825 455.125 455.125 455.1125 455.1125 455.1125 455.1125 455.1125 455.1125 455.126 455.126 455.127 455.126 455.127 455.128 455.1375 455.128 455.1375 455.1375 455.1375 455.1375 455.1375 455.1375 455.1375 455.2875 455.2875 455.2875 455.2875 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3375	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.225 465.225 465.2375 465.375 465.3465.25 465.3686.275 465.3686.275 465.375 465.375 465.3875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 69 70 71 72 73 74 75 77 78	AN FOR 454  BTX  454.9875  454.9875  455.025  455.0125  455.025  455.0625  455.0875  455.1125  455.1125  455.1125  455.1125  455.1125  455.1125  455.125  455.1375  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.15  455.26  455.275  455.275  455.2875  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	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.375 465.3875 465.375 465.3875 465.3875 465.3875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	BTX 454.975 454.9875 454.9875 455.0925 455.0125 455.0375 455.0375 455.0825 455.0825 455.125 455.125 455.1375 455.15 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.2375 455.2375 455.2375 455.2375 455.3375 455.3125 455.3375 455.3375 455.3375 455.3875 455.3875 455.3875 455.3875	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.025 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.25 465.375 465.25 465.375 465.25 465.375 465.3625 465.375 465.3625 465.375	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 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 77 78 80	NFOR 454 BTX 454.975 454.9875 455.9875 455.0125 455.0375 455.0825 455.0825 455.0825 455.125 455.125 455.125 455.1375 455.125 455.2875 455.29 455.29 455.29 455.29 455.29 455.315 455.315 455.315 455.315 455.325 455.325 455.325 455.325 455.325 455.325 455.325 455.325 455.325 455.325 455.325 455.3375 455.325 455.325 455.325 455.325 455.325 455.3375 455.325	.425_460// .445_46975 .464.9875 .464.9875 .465.025 .465.025 .465.0375 .465.0875 .465.0875 .465.125 .465.125 .465.1375 .465.125 .465.125 .465.125 .465.125 .465.125 .465.25 .465.25 .465.275 .465.375 .465.3125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXSTING TRANSTEL  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 57 58 60 61 62 63 64 65 67 68 97 70 71 72 73 74 75 76 77 78 80 81	BTX 454.975 454.9875 454.9875 455.9875 455.025 455.025 455.0625 455.0625 455.0625 455.075 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.2375 455.2375 455.2375 455.2375 455.2375 455.2375 455.3375 455.3375 455.3375 455.3375 455.3375 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875	.425_460// MTX 464.9875 464.9875 465.465.0125 465.0125 465.025 465.0375 465.025 465.0375 465.125 465.125 465.125 465.125 465.125 465.125 465.225 465.2375 465.25 465.375 465.25 465.375 465.375 465.3875 465.3625 465.3625 465.375 465.375 465.375	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83	NFOR 454 BTX 454.975 454.9875 455.9875 455.0125 455.0125 455.0375 455.0625 455.0625 455.076 455.1125 455.1125 455.1125 455.1125 455.15 1455.15 1455.15 1455.15 15 15 15 15 15 15 15 15 15 15 15 15 1	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.25 465.25 465.25 465.375 465.375 465.36 465.375 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.3875 465.425 465.3875 465.3875 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425 465.425	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 66 57 58 69 60 61 62 63 64 65 66 67 70 71 72 73 74 75 77 78 81 81 82 83	NFOR 454  BTX  454.9875  454.9875  455.0825  455.0125  455.0375  455.0625  455.0625  455.1025  455.1125  455.1125  455.1125  455.1375  455.15  455.25  455.25  455.25  455.265  455.275  455.2875  455.3875  455.3975  455.3975  455.3975  455.3975  455.4125  455.4125  455.4125  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  455.425  455.425	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.1375 465.125 465.125 465.125 465.225 465.2125 465.225 465.225 465.2375 465.325 465.3375 465.34 465.3125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 67 68 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83	BTX 454.975 454.9875 454.9875 455.0925 455.0125 455.0375 455.0375 455.0625 455.0625 455.125 455.125 455.1375 455.15 455.126 455.126 455.127 455.15 455.125 455.125 455.1375 455.125 455.1375 455.125 455.1375 455.1375 455.1375 455.24 455.275 455.2875 455.2875 455.2875 455.2875 455.375 455.375 455.375 455.375 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.3875 455.425 455.426 455.426 455.426 455.426 455.4276 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.426 455.4275 455.426 455.426 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.4275 455.425	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.025 465.025 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.25 465.25 465.375 465.375 465.3875 465.3875 465.3875 465.3875 465.3875 465.3975 465.425 465.425 465.425 465.425 465.425 465.425	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS VARIOUS ASSIGMENTS EXSTING TRANSTEL EXISTING TRANSTEL
CH. No. 45 46 47 48 49 50 51 52 53 54 55 56 57 58 60 61 62 63 64 65 66 67 77 77 78 79 80 81 81 82 83 84	NFOR 454  BTX  454.9875  454.9875  455.0825  455.0125  455.0375  455.0625  455.0625  455.1025  455.1125  455.1125  455.1125  455.1375  455.15  455.25  455.25  455.25  455.265  455.275  455.2875  455.3875  455.3975  455.3975  455.3975  455.3975  455.4125  455.4125  455.4125  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  455.425  455.425	.425_460// MTX 464.9875 464.9875 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.1375 465.125 465.125 465.125 465.225 465.2125 465.225 465.225 465.2375 465.325 465.3375 465.34 465.3125	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  67  68  69  70  71  72  73  74  75  77  78  79  80  81  82  83  84  85	NFOR 454 BTX 454.975 454.9875 455.9875 455.0125 455.0125 455.0375 455.0825 455.075 455.0825 455.1125 455.1125 455.1125 455.1125 455.15 455.15 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.225 455.225 455.225 455.225 455.225 455.2375 455.325 455.425 455.425 455.425	## ACS _ 460 //  MTX 464.9875 464.9875 464.9875 465.0125 465.025 465.025 465.0375 465.0875 465.0875 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.3125 465.3125 465.3125 465.3125 465.3125 465.325 465.425 465.425 465.425 465.425 465.4875	464.425_470MHz 2004 (12.5 kHz)  REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS EXSTING TRANSTEL EXISTING TRANSTEL
CH. No.  45  46  47  48  49  50  51  52  53  54  55  56  57  58  60  61  62  63  64  65  67  68  67  77  78  79  80  81  82  83  84  85  86  87	BTX 454.975 454.9875 454.9875 455.9875 455.025 455.025 455.0625 455.0625 455.0875 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.125 455.2375 455.2375 455.2375 455.2455.25 455.25 455.275 455.2875 455.2875 455.3875 455.3975 455.3975 455.3975 455.3975 455.3975 455.4455.3975 455.455.475 455.455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475 455.475	.425_460// MTX 464.9875 464.9875 465.0125 465.0125 465.025 465.025 465.0375 465.075 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.125 465.375 465.25 465.375 465.25 465.375 465.25 465.375 465.3625 465.375 465.3625 465.375 465.3625 465.375 465.375 465.375 465.375 465.375 465.375 465.375 465.375 465.375 465.375 465.375 465.425	REMARKS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  VARIOUS ASSIGMENTS  EXISTING TRANSTEL

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OLL DL A	NIEOD 454	105 100/4	C4 40E 470MH = 0004 (40 E H =)
			64.425_470MHz 2004 (12.5 kHz)
CH. No. 92	BTX 455.5625	MTX 465.5625	REMARKS ADDITIONAL TRANSTEL (MIGRATION)
93	455.575	465.575	ADDITIONAL TRANSTEL (MIGRATION)
94	455.5875	465.5875	ADDITIONAL TRANSTEL (MIGRATION)
95	455.6	465.6	ADDITIONAL TRANSTEL (MIGRATION)
96	455.6125	465.6125	ADDITIONAL TRANSTEL (MIGRATION)
97 98	455.625 455.6375	465.625 465.6375	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
99	455.65	465.65	ADDITIONAL TRANSTEL (MIGRATION)
100	455.6625	465.6625	ADDITIONAL TRANSTEL (MIGRATION)
101	455.675	465.675	ADDITIONAL TRANSTEL (MIGRATION)
102	455.6875	465.6875	ADDITIONAL TRANSTEL (MIGRATION)
103	455.7	465.7	ADDITIONAL TRANSTEL (MIGRATION)
104 105	455.7125 455.725	465.7125 465.725	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
106	455.7375	465.7375	ADDITIONAL TRANSTEL (MIGRATION)
107	455.75	465.75	ADDITIONAL TRANSTEL (MIGRATION)
108	455.7625	465.7625	ADDITIONAL TRANSTEL (MIGRATION)
109	455.775	465.775	ADDITIONAL TRANSTEL (MIGRATION)
110 111	455.7875 455.8	465.7875 465.8	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
112	455.8125	465.8125	ADDITIONAL TRANSTEL (MIGRATION)
113	455.825	465.825	ADDITIONAL TRANSTEL (MIGRATION)
114	455.8375	465.8375	ADDITIONAL TRANSTEL (MIGRATION)
115	455.85	465.85	ADDITIONAL TRANSTEL (MIGRATION)
116	455.8625	465.8625	ADDITIONAL TRANSTEL (MIGRATION)
117 118	455.875 455.8875	465.875 465.8875	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
119	455.6675	465.6675	ADDITIONAL TRANSTEL (MIGRATION)
120	455.9125	465.9125	ADDITIONAL TRANSTEL (MIGRATION)
121	455.925	465.925	ADDITIONAL TRANSTEL (MIGRATION)
122	455.9375	465.9375	ADDITIONAL TRANSTEL (MIGRATION)
123 124	455.95 455.9625	465.95 465.9625	ADDITIONAL TRANSTEL (MIGRATION)
124	455.9625 455.975	465.9625 465.975	ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
126	455.9875	465.9875	ADDITIONAL TRANSTEL (MIGRATION)
127	456	466	ADDITIONAL TRANSTEL (MIGRATION)
128	456.0125	466.0125	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	456.0875	466.0875	ADDITIONAL TRANSTEL (MIGRATION)
135	456.1	466.1	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)
	100.1070	100.1070	A SERVICE TO WOOTE (MISTORTION)
CH. No.	DTV	A ATD	
10.	BTX	MTX	REMARKS
			1 REMARKS 64.425_470MHz 2004 (12.5 kHz)
			64.425_470MHz 2004 (12.5 kHz) REMARKS
CH-PLA CH. No. 139	N FOR 454 BTX 456.15	.425_460/4 MTX 466.15	64.425_470MHz 2004 (12.5 kHz)  REMARKS ADDITIONAL TRANSTEL (MIGRATION)
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	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	BTX 456.15 456.1625 456.175 456.1875	.425_460/4 MTX 466.15 466.1625 466.175 466.1875	64.425_470MHz 2004 (12.5 kHz)  REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142	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) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145	BTX 456.15 456.1625 456.175 456.1875 456.2 456.2 456.2125 456.225	MTX 466.15 466.1625 466.175 466.1875 466.2 466.225	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)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146	BTX 456.15 456.1625 456.175 456.1875 456.2 456.2125 456.225 456.2375	.425_460/4 MTX 466.15 466.1625 466.175 466.1875 466.2 466.2125 466.225 466.2375	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) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147	BTX 456.15 456.1625 456.175 456.1875 456.2 456.2125 456.225 456.225 456.225 456.25	MTX 466.15 466.1625 466.175 466.1875 466.2125 466.2125 466.225 466.2375 466.25	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) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147	N FOR 454 BTX 456.15 456.1625 456.176 456.177 456.2 456.2 456.2 456.225 456.225 456.25 456.25	.425_460/4 MTX 466.15 466.155 466.1625 466.175 466.2 466.2125 466.225 466.225 466.25 466.25	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)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149	BTX 456.15 456.1625 456.175 456.1875 456.2 456.2125 456.225 456.225 456.225 456.25	.425_460/4 MTX 466.15 466.15 466.175 466.175 466.275 466.2125 466.225 466.225 466.25 466.25 466.25 466.25 466.25 466.25	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)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA  CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	N FOR 454  BTX  456.15  456.1625  456.1625  456.175  456.2125  456.2125  456.225  456.2375  456.25  456.2625  456.275  456.2875  456.3	.425_460/4 MTX 466.15 466.155 466.1625 466.175 466.2125 466.2125 466.225 466.2375 466.265 466.265 466.275 466.2875 466.3	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)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA  CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151	BTX 456.15 456.1625 456.175 456.1875 456.2 456.2125 456.225 456.2375 456.25 456.26 456.26 456.275 456.275 456.275	.425_460/4 MTX 466.15 466.15 466.175 466.175 466.25 466.2125 466.225 466.2375 466.25 466.25 466.25 466.25 466.275 466.3125	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	N FOR 454  BTX  456.15  456.1625  456.1625  456.175  456.2125  456.2125  456.225  456.2375  456.25  456.2625  456.275  456.2875  456.3	.425_460/4 MTX 466.15 466.155 466.1625 466.175 466.2125 466.2125 466.225 466.2375 466.265 466.265 466.275 466.2875 466.3	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)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA  CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	N FOR 454  BTX 456.15 456.1625 456.1625 456.175 456.2187 456.225 456.225 456.225 456.225 456.2625 456.2625 456.275 456.31456.3125 456.3125	.425_460/4 MTX 466.15 466.15 466.1625 466.175 466.27 466.2125 466.225 466.225 466.25 466.25 466.25 466.25 466.375 466.3125 466.3125 466.3125	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	N FOR 454  BTX  456.15  456.1625  456.1625  456.1875  456.2125  456.2125  456.225  456.225  456.25  456.25  456.25  456.3125  456.3125  456.3125  456.3375  456.3375  456.3375  456.355  456.3625	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.175 466.2125 466.2125 466.225 466.2375 466.25 466.2625 466.275 466.375 466.375 466.375 466.3375 466.3375 466.3375 466.355 466.3625	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 155 156 157	N FOR 454  BTX  456.15  456.1625  456.1625  456.175  456.2125  456.2125  456.2375  456.25  456.2625  456.2625  456.265  456.3375  456.335  456.3375  456.335  456.35  456.3635  456.3635  456.3635  456.375	.425_460/4  MTX 466.15 466.1625 466.175 466.1875 466.2125 466.2125 466.2375 466.25 466.2625 466.2625 466.375 466.38 466.3125 466.3375 466.35 466.35 466.36375	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 1445 146 147 148 149 150 151 152 153 154 155 156 157 158	N FOR 454  BTX 456.15 456.15 456.1625 456.1875 456.287 456.225 456.225 456.225 456.225 456.225 456.2875 456.3375 456.3375 456.3375 456.3625 456.3625 456.3625 456.3625 456.375 456.3875	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.175 466.21 466.22 466.225 466.225 466.225 466.25 466.265 466.275 466.375 466.3125 466.325 466.325 466.325 466.325 466.325 466.325 466.3635 466.3635 466.3635	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	N FOR 454  BTX  456.15  456.1625  456.1625  456.175  456.2125  456.2125  456.225  456.2375  456.265  456.2875  456.3125  456.3125  456.3375  456.3375  456.3375  456.3875  456.3875  456.3875	.425_460/4  MTX 466.15 466.15 466.155 466.175 466.1875 466.2125 466.225 466.2375 466.25 466.2625 466.275 466.3125 466.3125 466.3125 466.3375 466.355 466.3625 466.375 466.375 466.3855 466.3855 466.3855 466.3855 466.3855 466.3855 466.3855	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 1445 146 147 148 149 150 151 152 153 154 155 156 157 158	N FOR 454  BTX 456.15 456.15 456.1625 456.1875 456.287 456.225 456.225 456.225 456.225 456.225 456.2875 456.3375 456.3375 456.3375 456.3625 456.3625 456.3625 456.3625 456.375 456.3875	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.175 466.21 466.22 466.225 466.225 466.225 466.25 466.265 466.275 466.375 466.3125 466.325 466.325 466.325 466.325 466.325 466.325 466.3635 466.3635 466.3635	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161	NFOR 454  BTX 456.15 456.1625 456.1625 456.1875 456.2125 456.2125 456.2215 456.2375 456.2625 456.2625 456.275 456.375 456.3025 456.3375 456.3375 456.3625 456.3625 456.3625 456.3625 456.3625 456.3625 456.3625 456.375 456.3625 456.375 456.3625 456.375 456.3625 456.375 456.3625 456.375 456.375 456.3875 456.3875 456.3875 456.4375	.425_460/4  MTX 466.15 466.155 466.1625 466.175 466.1875 466.2 466.2125 466.2375 466.25 466.255 466.255 466.275 466.375 466.30375 466.3375 466.3625 466.3375 466.3625 466.3625 466.375 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.3875 466.43875	REMARKS ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 1445 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162	BTX 456.15 456.16 456.1625 456.1875 456.27 456.27 456.225 456.225 456.225 456.225 456.225 456.2875 456.3375 456.3125 456.3375 456.3375 456.35 456.375 456.35 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.375 456.4725 456.4725	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.175 466.187 466.21 466.22 466.225 466.225 466.25 466.25 466.25 466.3125 466.3125 466.3125 466.3125 466.3375 466.375 466.375 466.375 466.375 466.375 466.375 466.3875 466.3875 466.4125 466.4125 466.425	G4.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 161 162	N FOR 454  BTX  456.15  456.15  456.1625  456.1875  456.28  456.2125  456.225  456.225  456.225  456.25  456.25  456.2625  456.375  456.3125  456.3125  456.3375  456.35  456.35  456.375  456.35  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.47  456.47  456.47  456.47  456.47  456.475  456.475  456.475  456.475  456.475  456.475  456.475	.425_460/4  MTX 466.15 466.15 466.15 466.1625 466.175 466.27 466.2125 466.225 466.225 466.25 466.25 466.265 466.375 466.3625 466.375 466.385 466.385 466.385 466.375 466.3875 466.484	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 159 160 161 162 163 164 165	BTX 456.15 456.1625 456.1625 456.1875 456.2187 456.225 456.225 456.225 456.225 456.225 456.225 456.2375 456.3125 456.3125 456.3375 456.3625 456.3375 456.3875 456.3875 456.4125 456.425 456.425 456.425 456.4375 456.45	.425_460/4 MTX 466.15 466.15 466.15 466.175 466.175 466.1875 466.275 466.225 466.225 466.225 466.275 466.2875 466.3375 466.3375 466.3875 466.3875 466.3875 466.3875 466.3875 466.44425 466.4125 466.425 466.4375 466.45	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 161 162	N FOR 454  BTX  456.15  456.15  456.1625  456.1875  456.28  456.2125  456.225  456.225  456.225  456.25  456.25  456.2625  456.375  456.3125  456.3125  456.3375  456.35  456.35  456.375  456.35  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.375  456.47  456.47  456.47  456.47  456.47  456.475  456.475  456.475  456.475  456.475  456.475  456.475	.425_460/4  MTX 466.15 466.15 466.15 466.1625 466.175 466.27 466.2125 466.225 466.225 466.25 466.25 466.265 466.375 466.3625 466.375 466.385 466.385 466.385 466.375 466.3875 466.484	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 156 157 158 159 160 161 162 163 164 165 166 167 168	N FOR 454  BTX  456.15  456.15  456.1625  456.178  456.21  456.21  456.22  456.225  456.225  456.225  456.265  456.267  456.31  456.31  456.3125  456.3125  456.325  456.4375  456.4125  456.425  456.425  456.425	.425_460/4  MTX 466.15 466.15 466.15 466.15 466.175 466.175 466.27 466.225 466.225 466.225 466.25 466.25 466.275 466.375 466.31 466.31 466.31 466.31 466.325 466.325 466.325 466.325 466.325 466.375 466.3875 466.3875 466.4875	G4.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 167 168	N FOR 454  BTX  456.15  456.15  456.1625  456.1875  456.28  456.2125  456.225  456.225  456.25  456.2625  456.2875  456.3125  456.3125  456.3125  456.3125  456.325  456.425  456.425  456.425  456.425  456.425  456.425  456.455  456.455  456.475  456.475  456.4875  456.5125	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.175 466.27 466.22 466.2125 466.225 466.25 466.25 466.25 466.375 466.31 466.31 466.31 466.31 466.31 466.31 466.325 466.375 466.38 466.385 466.387 466.387 466.41 466.41 466.4125 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.425 466.4875 466.525	REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 166 167 168 169 160 161 162 163	BTX 456.15 456.1625 456.1625 456.175 456.1875 456.2187 456.215 456.225 456.225 456.225 456.225 456.2625 456.2675 456.3125 456.3125 456.3375 456.3875 456.3875 456.44 456.4125 456.425 456.425 456.426 456.4275 456.4275 456.426 456.426 456.4275 456.4275 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458	.425_460/4 MTX 466.15 466.15 466.15 466.175 466.1875 466.1875 466.2125 466.2125 466.225 466.225 466.257 466.2875 466.375 466.3875 466.3875 466.3875 466.3875 466.44 466.4125 466.4525 466.4575 466.4575 466.4575 466.4575 466.475 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.55375	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 1445 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 167 168 169 177	N FOR 454  BTX  456.15  456.15  456.1625  456.1875  456.21  456.22  456.225  456.225  456.225  456.225  456.2625  456.275  456.33  456.3125  456.33  456.3125  456.35  456.35  456.3625  456.375  456.3625  456.375  456.375  456.475  456.475  456.45  456.475  456.475  456.5125  456.5125  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.525	.425_460/4 MTX 466.15 466.15 466.15 466.15 466.18 466.182 466.27 466.21 466.22 466.225 466.225 466.225 466.265 466.275 466.375 466.375 466.363 466.375 466.375 466.375 466.375 466.475 466.475 466.475 466.475 466.475 466.5125 466.5125 466.5125 466.525 466.525 466.525 466.525 466.525 466.525 466.525 466.525 466.525 466.525 466.525	G4.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 166 167 168 169 160 161 162 163	BTX 456.15 456.1625 456.1625 456.175 456.1875 456.2187 456.215 456.225 456.225 456.225 456.225 456.2625 456.2675 456.3125 456.3125 456.3375 456.3875 456.3875 456.44 456.4125 456.425 456.425 456.426 456.4275 456.4275 456.426 456.426 456.4275 456.4275 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.428 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458 456.458	.425_460/4 MTX 466.15 466.15 466.15 466.175 466.1875 466.1875 466.2125 466.2125 466.225 466.225 466.257 466.2875 466.375 466.3875 466.3875 466.3875 466.3875 466.44 466.4125 466.4525 466.4575 466.4575 466.4575 466.4575 466.475 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.4875 466.55375	64.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 158 159 160 161 162 163 164 165 166 167 168 169 170 171	N FOR 454  BTX 456.15 456.15 456.1625 456.1625 456.1875 456.28 456.2125 456.225 456.225 456.225 456.2875 456.3875 456.3875 456.44 456.45 456.475 456.4875 456.4875 456.5125 456.525 456.525	.425_460/4  MTX 466.15 466.15 466.155 466.1625 466.175 466.27 466.2125 466.225 466.225 466.2525 466.2625 466.275 466.375 466.3875 466.3875 466.3875 466.4846.4125 466.4946.4946.495 466.495 466.495 466.495 466.5125 466.5125 466.5125 466.5125 466.5125 466.5375 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.525 466.5525	REMARKS  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRAN
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 166 167 168 169 170 171 172 173 174	BTX 456.15 456.1625 456.1625 456.1875 456.287 456.297 456.225 456.225 456.225 456.225 456.2625 456.2625 456.3125 456.3125 456.3375 456.3625 456.3625 456.3625 456.3625 456.4125 456.44125 456.454 456.454 456.455 456.455 456.455 456.455 456.5125 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525 456.525	.425_460/4 MTX 466.15 466.15 466.15 466.165 466.175 466.1875 466.28 466.275 466.25 466.275 466.28 466.2875 466.3375 466.3375 466.3875 466.3875 466.3875 466.3875 466.3875 466.48875 466.48888888888888888888888888888888888	G4.425_470MHz 2004 (12.5 kHz)  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRA
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 167 168 169 170 171 172 173 174 175	N FOR 454  BTX  456.15  456.15  456.16  456.175  456.1875  456.27  456.27  456.225  456.225  456.225  456.227  456.2375  456.3375  456.3375  456.3375  456.34125  456.4125  456.45  456.45  456.45  456.45  456.45  456.45  456.45  456.45  456.575  456.5875  456.6125	.425_460/4 MTX 466.15 466.15 466.15 466.1625 466.1875 466.29 466.21 466.25 466.225 466.225 466.25 466.25 466.25 466.3125 466.3125 466.3125 466.3125 466.36 466.375 466.36 466.375 466.36 466.4125 466.45 466.45 466.45 466.45 466.45 466.5125 466.575 466.575 466.575	REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (M
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 167 168 167 168 167 168 167 168 167 168 167 168 177 174 175 176	N FOR 454  BTX  456.15  456.15  456.1625  456.1625  456.1875  456.27  456.22  456.225  456.225  456.25  456.2625  456.3275  456.3125  456.3125  456.325  456.425  456.425  456.425  456.425  456.425  456.425  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.525  456.5275  456.6775  456.6775  456.67875  456.67875	.425_460/4  MTX 466.15 466.15 466.155 466.1625 466.175 466.27 466.27 466.22 466.225 466.25 466.25 466.25 466.25 466.37 466.31 466.31 466.31 466.31 466.31 466.35 466.37 466.38 466.38 466.41 466.41 466.41 466.41 466.41 466.41 466.41 466.425 466.425 466.525	REMARKS  REMARKS  REMARKS  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)  ADDITIONAL TRANSTEL (MIGRATION
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 166 167 168 169 170 171 172 178	BTX 456.15 456.1625 456.1625 456.1875 456.1875 456.2125 456.225 456.225 456.225 456.225 456.225 456.2625 456.26375 456.3125 456.3125 456.3125 456.3375 456.3625 456.3625 456.4125 456.454 456.4125 456.456.456 456.456.55 456.456.55 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.66.5575 456.66.5575 456.66.66	.425_460/4 MTX 466.15 466.165 466.1625 466.1875 466.1875 466.24 466.25 466.25 466.25 466.25 466.25 466.25 466.325 466.425 466.425 466.425 466.425 466.525	REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (M
CH-PLA CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 153 154 155 156 157 158 159 160 161 162 163 164 165 177 177 177 177 177	N FOR 454  BTX  456.15  456.15  456.15  456.16  456.187  456.27  456.21  456.22  456.225  456.225  456.26  456.27  456.37  456.31  456.31  456.31  456.31  456.31  456.31  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.35  456.35  456.35  456.35  456.45  456.45  456.45  456.45  456.45  456.45  456.55  456.575  456.525  456.575  456.575  456.575  456.575  456.671	.425_460/4  MTX 466.15 466.15 466.15 466.15 466.15 466.175 466.175 466.175 466.22 466.225 466.225 466.225 466.25 466.25 466.26 466.375 466.31 466.31 466.36 466.36 466.375 466.38 466.41 466.41 466.41 466.41 466.41 466.41 466.41 466.41 466.41 466.525 466.5375 466.565	REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (M
CH-PLA CH. No. 139 140 141 142 143 144 145 148 149 150 151 152 153 154 155 156 156 167 168 169 170 171 172 173 174 175 176	BTX 456.15 456.1625 456.1625 456.1875 456.1875 456.2125 456.225 456.225 456.225 456.225 456.225 456.2625 456.26375 456.3125 456.3125 456.3125 456.3375 456.3625 456.3625 456.4125 456.454 456.4125 456.456.456 456.456.55 456.456.55 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.5575 456.66.5575 456.66.5575 456.66.66	.425_460/4 MTX 466.15 466.165 466.1625 466.1875 466.1875 466.24 466.25 466.25 466.25 466.25 466.25 466.25 466.325 466.425 466.425 466.425 466.425 466.525	REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (M
CH-PLA  CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 151 152 153 154 155 156 157 158 169 170 161 162 163 164 165 167 168 169 170 170 172 173 174 175 176 177 178 179 180 181	N FOR 454  BTX  456.15  456.15  456.1625  456.176  456.187  456.28  456.2125  456.225  456.225  456.25  456.2625  456.3275  456.3125  456.3125  456.326  456.327  456.327  456.328  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.425  456.425  456.425  456.425  456.425  456.525  456.525  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	.425_460/4  MTX 466.15 466.15 466.155 466.1625 466.175 466.27 466.27 466.22 466.225 466.25 466.25 466.25 466.2625 466.375 466.31 466.51 466.51 466.52 466.537 466.52 466.5375 466.5375 466.5375 466.5375 466.655 466.655 466.675 466.6125 466.6125 466.6125 466.625 466.675 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655	REMARKS  REMARKS  REMARKS  ADDITIONAL TRANSTEL (MIGRATION)  ADDITI
CH-PLA  CH. No.  139 140 141 142 143 144 145 148 149 150 151 152 153 154 155 156 156 167 168 169 167 168 168 169 170 171 177 177 178 176 177 178 179 180 181 181 182 183	N FOR 454 BTX 456.15 456.1625 456.1625 456.1875 456.2187 456.225 456.225 456.225 456.225 456.225 456.225 456.225 456.2625 456.3375 456.3125 456.3375 456.3625 456.3625 456.4125 456.44125 456.454 456.454 456.456 456.455 456.455 456.456 456.456 456.575 456.5575 456.5575 456.5575 456.5575 456.6575 456.6625 456.6375 456.6375 456.6525 456.6375 456.655	.425_460/4 MTX 466.15 466.1625 466.1625 466.1875 466.27 466.27 466.27 466.27 466.27 466.28 466.28 466.2875 466.325 466.4125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.5125 466.6125	REMARKS ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (M
CH-PLA  CH. No. 139 140 141 142 143 144 145 146 147 148 149 150 151 151 152 153 154 155 156 157 158 160 161 162 163 164 165 167 168 169 170 170 172 173 174 175 177 178 179 180 181	N FOR 454  BTX  456.15  456.15  456.1625  456.176  456.187  456.28  456.2125  456.225  456.225  456.25  456.2625  456.3275  456.3125  456.3125  456.326  456.327  456.327  456.328  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.325  456.425  456.425  456.425  456.425  456.425  456.525  456.525  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	.425_460/4  MTX 466.15 466.15 466.155 466.1625 466.175 466.27 466.27 466.22 466.225 466.25 466.25 466.25 466.2625 466.375 466.31 466.51 466.51 466.52 466.537 466.52 466.5375 466.5375 466.5375 466.5375 466.655 466.655 466.675 466.6125 466.6125 466.6125 466.625 466.675 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655 466.6655	REMARKS  ADDITIONAL TRANSTEL (MIGRATION) ADDITIONAL TRANSTEL (

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H. No.	BTX	MTX	REMARKS
186	456.7375 456.75	466.7375	TRUNKED MOBILE
187 188	456.75 456.7625	466.75 466.7625	TRUNKED MOBILE TRUNKED MOBILE
189	456.775	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 TRUNKED MOBILE
194	456.8375	466.8375	TRUNKED MOBILE
195	456.85	466.85	TRUNKED MOBILE
196	456.8625	466.8625	TRUNKED MOBILE
197 198	456.875 456.8875	466.875 466.8875	TRUNKED MOBILE TRUNKED MOBILE
199	456.9	466.9	TRUNKED MOBILE
200	456.9125	466.9125	TRUNKED MOBILE
201	456.925	466.925	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
202	456.9375 456.95	466.9375 466.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
204	456.9625	466.9625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
205	456.975	466.975	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
206	456.9875	466.9875	VAROUS ASSIGNMENTS & TRUNKED MOBILE
207	457 457.0125	467 467.0125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
209	457.025	467.025	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
210	457.0375	467.0375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
211	457.05	467.05	VAROUS ASSIGNMENTS & TRUNKED MOBILE
212	457.0625 457.075	467.0625 467.075	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
214	457.075	467.075	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
217	457.125	467.125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
218	457.1375 457.15	467.1375 467.15	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
220	457.1625	467.1625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
221	457.175	467.175	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
222	457.1875	467.1875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
223 224	457.2 457.2125	467.2 467.2125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
225	457.225	467.225	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
226	457.2375	467.2375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
227	457.25	467.25	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
228	457.2625 457.275	467.2625 467.275	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
230	457.2875	467.2875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
231	457.3	467.3	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
232 H. No.	457.3125 BTX	467.3125 MTX	VAROIUS ASSIGNMENTS & TRUNKED MOBILE REMARKS
H. No. <b>H-PL<i>i</i></b> H. No.	457.3125 BTX AN FOR 454 BTX	467.3125 MTX .425_460/4 MTX	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  464.425_470MHz 2004 (12.5 kHz)  REMARKS
H. No. <b>H-PLA</b> H. No. 233	457.3125 BTX AN FOR 454 BTX 457.325	MTX .425_460/4 MTX 467.325	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. <b>H-PL/</b> H. No. 233 234	457.3125 BTX AN FOR 454 BTX 457.325 457.3375	MTX .425_460/4 MTX 467.325 467.3375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. <b>H-PLA</b> H. No. 233	457.3125 BTX AN FOR 454 BTX 457.325	MTX .425_460/4 MTX 467.325	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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
H. No. H-PLA H. No. 233 234 235 236 237	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.375	467.3125 MTX .425_460/4 MTX 467.325 467.335 467.3625 467.3625 467.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PLA H. No. 233 234 235 236 237 238	BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.375 457.375	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3625 467.3625 467.375 467.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  464.425_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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.375 457.3875 457.3875	467.3125 MTX .425_460/4 MTX 467.325 467.375 467.3625 467.375 467.3875 467.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PLA H. No. 233 234 235 236 237 238	BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.375 457.375	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3625 467.3625 467.375 467.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  464.425_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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.  H-PLA H. No.  233  234  235  236  237  238  239  240  241  242	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.3625 457.375 457.425 457.4125 457.4375	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3625 467.375 467.3875 467.4125 467.4125 467.4375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.  H-PLA H. No.  233  234  235  236  237  238  239  240  241  242  243	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.375 457.375 457.4125 457.425 457.425 457.425	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.35 467.375 467.375 467.4125 467.4125 467.425 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244	457.3125 BTX AN FOR 454 BTX 457.325 457.325 457.3625 457.3625 457.3625 457.375 457.4725 457.4125 457.425 457.425 457.425	467.3125 MTX .425_460/4 MTX 467.325 467.325 467.3625 467.3625 467.3625 467.375 467.4725 467.4125 467.4125 467.425 467.45	PAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.  H-PLA H. No.  233 234 235 236 237 238 239 240 241 242 243	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.375 457.375 457.4125 457.425 457.425 457.425	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.35 467.375 467.375 467.4125 467.4125 467.425 467.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244	457.3125 BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.3625 457.3675 457.4125 457.4125 457.4375 457.425 457.4375 457.45 457.45	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3625 467.375 467.3875 467.4125 467.4125 467.4375 467.4375 467.45 467.45	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247	457.3125  BTX  AN FOR 454  BTX  457.325  457.3375  457.3625  457.3625  457.375  457.4125  457.4125  457.425  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457  457.457	467.3125 MTX .425_460/4 MTX 467.325 467.3375 467.3375 467.375 467.375 467.475 467.4125 467.425 467.425 467.425 467.45 467.45 467.45 467.45 467.475 467.475	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.  H-PL/ H- No.  233  234  235  236  237  238  239  240  241  242  243  244  245  246  247  248  249	457.3125 BTX AN FOR 454 BTX 457.325 457.325 457.3625 457.3625 457.3625 457.47 457.4 457.4125 457.425 457.4375 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45 457.45	467.3125 MTX .425_460/4 MTX .467.325 467.325 467.325 467.3625 467.3625 467.375 467.475 467.425 467.425 467.425 467.425 467.475 467.475 467.475 467.525	PAROIUS ASSIGNMENTS & TRUNKED MOBILE  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247	457.3125 BTX NFOR 454 BTX 457.325 457.325 457.325 457.3625 457.3625 457.3625 457.47 457.4125 457.425 457.425 457.425 457.425 457.4875 457.4875 457.5875 457.525 457.5375 457.555	467.3125 MTX .425_460/4 MTX 467.325 467.325 467.325 467.3625 467.3625 467.375 467.47 467.4125 467.425 467.425 467.45 467.45 467.45 467.55	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 250	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.3625  457.3625  457.3625  457.4125  457.425  457.425  457.457  457.458  457.4625  457.475  457.5625  457.525  457.525  457.525	467.3125 MTX .425_460/4 MTX .467.325 467.325 467.325 467.3625 467.3625 467.375 467.425 467.425 467.425 467.425 467.425 467.45 467.45 467.5625 467.5375 467.525 467.555	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PLA H. No. 233 234 235 236 237 238 240 241 242 243 244 245 246 247 248 252 250 251	BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.375 457.3625 457.4125 457.425 457.4375 457.45625 457.475 457.457 457.45625 457.575	467.3125 MTX .425_460/4 MTX .467.325 .467.3375 .467.35 .467.35 .467.375 .467.375 .467.4125 .467.4125 .467.4375 .467.4375 .467.45 .467.45 .467.45 .467.55 .467.55 .467.5375 .467.55 .467.555 .467.555 .467.555 .467.575	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PL/ H. No. 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.3625  457.3625  457.425  457.425  457.425  457.425  457.425  457.45  457.45  457.45  457.45  457.45  457.45  457.55  457.55  457.555  457.555  457.5625	467.3125 MTX .425_460/4 MTX 467.325 467.325 467.325 467.3625 467.3625 467.375 467.47 467.4125 467.425 467.425 467.425 467.45 467.45 467.45 467.55 467.5375 467.555 467.555 467.5575	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No. H-PLA H. No. 233 234 235 236 237 238 240 241 242 243 244 245 246 247 248 252 250 251	BTX AN FOR 454 BTX 457.325 457.3375 457.3625 457.375 457.3625 457.4125 457.425 457.4375 457.45625 457.475 457.457 457.45625 457.575	467.3125 MTX .425_460/4 MTX .467.325 .467.3375 .467.35 .467.35 .467.375 .467.375 .467.4125 .467.4125 .467.4375 .467.4375 .467.45 .467.45 .467.45 .467.55 .467.55 .467.5375 .467.55 .467.555 .467.555 .467.555 .467.575	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.3625  457.3625  457.4625  457.425  457.425  457.425  457.457  457.457  457.457  457.525	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.3625 467.375 467.3875 467.425 467.425 467.425 467.475 467.4876 467.55 467.525 467.525 467.575 467.58876 467.625 467.625 467.625	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	## 457.3125  ## BTX  ## AN FOR 454  ## BTX  ## 457.325  ## 457.3375  ## 457.3825  ## 457.3825  ## 457.3825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.6825	467.3125  MTX  .425_460/4  MTX  .425_460/4  467.325  467.3375  467.35  467.375  467.375  467.4125  467.425  467.4375  467.45  467.45  467.45  467.5375  467.5375  467.55  467.55  467.55  467.557  467.575  467.575  467.575  467.6375	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.  H-PL/ H. No.  233 H. No.  234 235 236 236 237 238 240 241 242 243 244 245 245 246 255 252 253 254 255 255 258	## 457.3125  BTX  NFOR 454  BTX  457.325  457.325  457.325  457.3625  457.3625  457.47  457.4125  457.425  457.425  457.425  457.425  457.45  457.45  457.565  457.575  457.575  457.575  457.575  457.575  457.575  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125	467.3125  MTX .425_460/4 MTX .425_460/4 467.325 467.325 467.325 467.3625 467.3625 467.375 467.45 467.425 467.425 467.45 467.45 467.45 467.55 467.55 467.55 467.55 467.55 467.625 467.625 467.625 467.625 467.625 467.625 467.625	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	## 457.3125  ## BTX  ## AN FOR 454  ## BTX  ## 457.325  ## 457.3375  ## 457.3825  ## 457.3825  ## 457.3825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.4825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.5825  ## 457.6825	467.3125  MTX  .425_460/4  MTX  .425_460/4  467.325  467.3375  467.35  467.375  467.375  467.4125  467.425  467.4375  467.45  467.45  467.45  467.5375  467.5375  467.55  467.55  467.55  467.557  467.575  467.575  467.575  467.6375	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.3625  457.3625  457.4625  457.425  457.425  457.425  457.425  457.45  457.45  457.45  457.45  457.525  457.525  457.525  457.525  457.525  457.6875  457.6825	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.3625 467.375 467.3875 467.425 467.425 467.425 467.425 467.45 467.45 467.55 467.55 467.55 467.575 467.6875	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
H. No.	457.3125  BTX  AN FOR 454  BTX  457.325  457.3375  457.3625  457.3625  457.4725  457.4125  457.425  457.457  457.455  457.455  457.455  457.5125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125  457.6125	467.3125  MTX  .425_460/4  MTX  467.325  467.3375  467.3375  467.375  467.375  467.375  467.4125  467.4125  467.425  467.4375  467.45  467.45  467.45  467.45  467.525  467.525  467.525  467.525  467.525  467.625  467.625  467.6375  467.625  467.6375	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.  H-PL/ H. No.  233 H. No.  234 235 236 236 237 238 240 241 242 243 244 244 245 246 247 248 249 255 256 257 256 257 260 261 262 263 263	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.47  457.4125  457.425  457.425  457.425  457.425  457.425  457.525  457.525  457.525  457.525  457.525  457.525  457.6125	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.3625 467.375 467.3625 467.47 467.425 467.4375 467.45 467.475 467.45 467.45 467.65 467.65 467.65 467.625 467.65	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.4625  457.425  457.4525  457.4525  457.4525  457.4525  457.525  457.525  457.525  457.525  457.625	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.335 467.3625 467.3625 467.375 467.3875 467.425 467.425 467.425 467.425 467.452 467.452 467.525 467.525 467.5375 467.55 467.5625 467.655 467.656 467.6625 467.6625 467.675 467.6875	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.3625  457.3625  457.47  457.425  457.425  457.4375  457.45  457.4625  457.4625  457.525  457.525  457.6125  457.625	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.3625 467.375 467.3875 467.425 467.425 467.425 467.425 467.45 467.45 467.55 467.55 467.55 467.5625 467.67 467.6875 467.6875 467.725 467.725 467.735	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  AN FOR 454  BTX  457.325  457.3375  457.3625  457.3625  457.375  457.425  457.425  457.457  457.457  457.458  457.458  457.458  457.458  457.525  457.525  457.525  457.625  457.725  457.725  457.725	467.3125  MTX  .425_460/4  MTX  .425_460/4  467.325  467.325  467.325  467.3625  467.375  467.375  467.4125  467.4125  467.425  467.475  467.45  467.45  467.45  467.45  467.45  467.5125  467.5125  467.55  467.5625  467.6625  467.6625  467.6625  467.67  467.7625  467.7725  467.7725  467.7725  467.755	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.47  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  457.525  457.525  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  457.625  457.625  457.625  457.625  457.625  457.625  457.625  457.725  457.725  457.725  457.725	467.3125  MTX .425_460/4  MTX .425_460/4  MTX .467.325  467.325  467.325  467.3625  467.3625  467.47  467.425  467.425  467.425  467.4875  467.45  467.45  467.525  467.525  467.525  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725	REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOB
H. No.	## 457.3125  ## BTX  ## AN FOR 4.54  ## BTX  ## A57.325  ## 457.325  ## 457.325  ## 457.3625  ## 457.4625  ## 457.4625  ## 457.475  ## 457.4625  ## 457.4625  ## 457.4625  ## 457.4625  ## 457.5625  ## 457.5625  ## 457.5625  ## 457.725  ## 457.725  ## 457.7375  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625  ## 457.7625	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.325 467.3625 467.375 467.425 467.425 467.425 467.425 467.45 467.45 467.55 467.525 467.525 467.525 467.625 467.625 467.625 467.67 467.6875 467.6875 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.7125 467.715	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.47  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  457.525  457.525  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  457.625  457.625  457.625  457.625  457.625  457.625  457.625  457.725  457.725  457.725  457.725	467.3125  MTX .425_460/4  MTX .425_460/4  MTX .467.325  467.325  467.325  467.3625  467.3625  467.47  467.425  467.425  467.425  467.4875  467.45  467.45  467.525  467.525  467.525  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725	REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOB
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.375  457.425  457.425  457.425  457.4525  457.4525  457.4525  457.5625  457.5625  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  457.7625  457.7625  457.775  457.775  457.7755  457.7755  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875  457.7875	467.3125  MTX  .425_460/4  MTX  .425_460/4  467.325  467.335  467.3625  467.3625  467.375  467.425  467.425  467.425  467.425  467.452  467.452  467.452  467.525  467.525  467.525  467.525  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.625  467.752  467.7525  467.7525  467.7625  467.7625  467.7725  467.7725  467.7875  467.7875  467.78876  467.78876  467.78878	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.475  457.425  457.425  457.425  457.425  457.4875  457.525  457.525  457.525  457.525  457.625	467.3125  MTX .425_460/4  MTX .425_460/4  MTX .467.325  467.325  467.325  467.325  467.3625  467.375  467.45  467.425  467.425  467.425  467.425  467.45  467.45  467.45  467.525  467.525  467.525  467.525  467.625  467.625  467.625  467.625  467.625  467.675  467.625  467.775  467.7125  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.775  467.7876  467.7876  467.8876  467.8876  467.8876  467.7875  467.7875  467.7825  467.8876  467.7875  467.7825  467.7856  467.8876  467.7875  467.7856  467.8876  467.8876  467.8876	REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOB
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.3625  457.3625  457.47  457.425  457.425  457.425  457.45  457.45  457.4625  457.4625  457.525  457.525  457.525  457.625  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.725  457.735  457.735	467.3125  MTX .425_460/4  MTX .425_460/4  467.325 467.325 467.325 467.325 467.3625 467.375 467.425 467.425 467.425 467.425 467.425 467.45 467.55 467.525 467.525 467.525 467.625 467.675 467.6875 467.6875 467.75 467.725 467.735 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835 467.835	REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  164.425_470MHz 2004 (12.5 kHz)  REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMEN
H. No.	457.3125  BTX  N FOR 454  BTX  457.325  457.325  457.325  457.325  457.3625  457.3625  457.475  457.425  457.425  457.425  457.425  457.4875  457.525  457.525  457.525  457.525  457.625	467.3125  MTX .425_460/4  MTX .425_460/4  MTX .467.325  467.325  467.325  467.325  467.3625  467.375  467.45  467.425  467.425  467.425  467.425  467.45  467.45  467.45  467.525  467.525  467.525  467.525  467.625  467.625  467.625  467.625  467.625  467.675  467.625  467.775  467.7125  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.725  467.775  467.7876  467.7876  467.8876  467.8876  467.8876  467.7875  467.7875  467.7825  467.8876  467.7875  467.7825  467.7856  467.8876  467.7875  467.7856  467.8876  467.8876  467.8876	REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  164.425_470MHz 2004 (12.5 kHz) REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOB

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CH-PL A	N FOR 454	425 460/4	64.425 470MHz 2004 (12.5 kHz)
CH. No.	BTX	MTX	REMARKS
280	457.9125	467.9125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
281	457.925	467.925	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
282 283	457.9375 457.95	467.9375 467.95	VAROIUS ASSIGNMENTS & TRUNKED MOBILE 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	467.9875 468	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
288	458 458.0125	468.0125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
289	458.025	468.025	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
290 291	458.0375	468.0375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
292	458.05 458.0625	468.05 468.0625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
293	458.075	468.075	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
294 295	458.0875 458.1	468.0875 468.1	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
296	458.1125	468.1125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE 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 VAROIUS ASSIGNMENTS & TRUNKED MOBILE
301	458.175	468.175	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
302	458.1875	468.1875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
303 304	458.2 458.2125	468.2 468.2125	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
305	458.225	468.225	VAROIUS ASSIGNMENTS & TRUNKED MOBILE 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	458.2625	468.2625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
310	458.2875	468.2875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
311	458.3	468.3	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
312 313	458.3125 458.325	468.3125 468.325	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
314	458.3375	468.3375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
315 316	458.35 458.3625	468.35 468.3625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
317	458.3625	468.375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
318	458.3875	468.3875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
319	458.4	468.4	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
320 321	458.4125 458.425	468.4125 468.425	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
322	458.4375	468.4375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
323 324	458.45 458.4625	468.45 468.4625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
325	458.475	468.475	VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No.	BTX	MTX	
CH DL A	•		REMARKS
	•		64.425_470MHz 2004 (12.5 kHz)
CH. No. 326	N FOR 454 BTX 458.4875	.425_460/40 MTX 468.4875	64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327	N FOR 454 BTX 458.4875 458.5	.425_460/40 MTX 468.4875 468.5	34.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326	N FOR 454 BTX 458.4875	.425_460/40 MTX 468.4875	64.425_470MHz 2004 (12.5 kHz) REMARKS VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330	BTX 458.4875 458.5 458.5125 458.525 458.525 458.5375	.425_460/40 MTX 468.4875 468.5 468.5125 468.525 468.5375	34.425_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. 326 327 328 329 330 331	BTX 458.4875 458.5 458.5 458.5125 458.525 458.5375 458.55	.425_460/40 MTX 468.4875 468.5 468.5125 468.525 468.5375 468.55	A4.425_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  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332	BTX 458.4875 458.4875 458.5125 458.525 458.5375 458.55 458.55 458.55	.425_460/40 MTX 468.4875 468.5125 468.525 468.5375 468.5375 468.55 468.555	34.425_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. 326 327 328 329 330 331 332 333 334	BTX 458.4875 458.5 458.5125 458.525 458.5375 458.55 458.555 458.557 458.555 458.5625 458.575	MTX 468.4875 468.5 468.5125 468.525 468.5375 468.5625 468.575 468.5625	34.425_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 VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335	N FOR 454  BTX  458.4875  458.5  458.5125  458.525  458.5375  458.5625  458.5625  458.575  458.5875  458.5875	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.5375 468.55 468.5625 468.575 468.5875 468.5875	ACAUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334	BTX 458.4875 458.5 458.5125 458.525 458.5375 458.55 458.555 458.557 458.555 458.5625 458.575	MTX 468.4875 468.5 468.5125 468.525 468.5375 468.5625 468.575 468.5625	34.425_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 VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No.  326 327 328 329 330 331 332 333 334 335 336	BTX 458.4875 458.5 458.5125 458.5375 458.5375 458.55 458.6525 458.675 458.6875 458.6875	.425_460/4t MTX 468.4875 468.5 468.5125 468.5375 468.557 468.55 468.5625 468.575 468.686 468.6125	ACAUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338	BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.5625 458.675 458.6875 458.6875 458.6875 458.6975 458.695 458.6125 458.625 458.625	.425_460/4t  MTX  468.4875 468.5 468.5125 468.525 468.5375 468.55 468.5625 468.575 468.6875 468.6864 468.6125 468.625 468.6375 468.625 468.6375 468.65	AROUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337	N FOR 454  BTX  458.4875  458.5  458.5125  458.525  458.5375  458.5625  458.5625  458.5625  458.6625  458.6125  458.625  458.6375	.425_460/4t MTX 468.4875 468.5 468.525 468.525 468.5375 468.55 468.5625 468.575 468.575 468.66 468.6125 468.625 468.6375	ACAUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342	BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.5625 458.6625 458.675 458.6875 458.6875 458.6875	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.525 468.555 468.5625 468.675 468.675 468.675 468.675 468.675 468.675	AROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 335 336 337 338 339 340 341 342 343	N FOR 454  BTX  458.4875  458.5  458.5  458.5125  458.525  458.5375  458.5625  458.5625  458.675  458.6125  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375  458.6375	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.5375 468.55 468.5625 468.575 468.6125 468.6125 468.6375 468.65 468.6375 468.65 468.6375 468.65 468.675 468.675 468.675	AROUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342	BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.5625 458.6625 458.675 458.6875 458.6875 458.6875	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.525 468.555 468.5625 468.675 468.675 468.675 468.675 468.675 468.675	AROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 344 344 345 346	N FOR 454  BTX  458.4875  458.5  458.55  458.525  458.5375  458.5625  458.6625  458.6625  458.6375  458.6625  458.6375  458.6625  458.6875  458.6875  458.6875  458.7125  458.7125  458.7125  458.7125  458.7125	.425_460/4t MTX 468.4875 468.57 468.525 468.525 468.5375 468.55 468.5625 468.575 468.66 468.6125 468.6375 468.65 468.6375 468.68 468.675 468.675 468.675 468.7125 468.7725 468.7735	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 341 344 344 344 344 344 344	BTX 458.4875 458.4875 458.5 458.5 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.6625 458.6625 458.675 458.675 458.675 458.735	.425_460/4t MTX 488.4875 468.54 468.55 468.525 468.525 468.55 468.5625 468.5625 468.6625 468.675 468.675 468.675 468.675 468.735	AROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 344 344 345 346	N FOR 454  BTX  458.4875  458.5  458.55  458.525  458.5375  458.5625  458.6625  458.6625  458.6375  458.6625  458.6375  458.6625  458.6875  458.6875  458.6875  458.7125  458.7125  458.7125  458.7125  458.7125	.425_460/4t MTX 468.4875 468.57 468.525 468.525 468.5375 468.55 468.5625 468.575 468.66 468.6125 468.6375 468.65 468.6375 468.68 468.675 468.675 468.675 468.675 468.77 468.7125	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 342 343 344 345 346 347 348 349	N FOR 454 BTX 458.4875 458.4875 458.5125 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.675 458.6875 458.6875 458.6875 458.675 458.7375 458.7375 458.7375 458.7375 458.775 458.775	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.675 468.68 468.6125 468.625 468.625 468.625 468.625 468.625 468.675 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 344 344 344 345 346 347 348 349 350	N FOR 454  BTX  458.4875  458.5  458.5  458.5125  458.525  458.5375  458.5625  458.5625  458.6625  458.675  458.675  458.675  458.675  458.675  458.675  458.775	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.525 468.5375 468.5625 468.5625 468.5625 468.6625 468.675 468.675 468.68 468.675 468.675 468.675 468.7125	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 342 343 344 345 346 347 348 349	N FOR 454 BTX 458.4875 458.4875 458.5125 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.675 458.6875 458.6875 458.6875 458.675 458.7375 458.7375 458.7375 458.7375 458.775	.425_460/4t MTX 468.4875 468.5 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.675 468.68 468.6125 468.625 468.625 468.625 468.625 468.625 468.675 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 342 343 344 345 346 347 348 349 350 351 352	BTX 458.4875 458.4875 458.4875 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.75 458.76 458.76 458.76 458.76 458.775 458.775 458.775 458.775 458.7875 458.888	.425_460/4t MTX MTX 468.4875 468.575 468.5125 468.525 468.525 468.5625 468.5625 468.5875 468.625 468.625 468.625 468.625 468.625 468.675 468.725 468.725 468.725 468.725 468.7375 468.7375 468.75	AROIUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354	N FOR 454 BTX 458.4875 458.5 458.5 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.6625 458.6625 458.675 458.6875 458.625 458.675 458.735 458.8375 458.8375 458.8375	.425_460/4t MTX 468.4875 468.4875 468.5 468.5125 468.525 468.525 468.5625 468.5625 468.575 468.67 468.625 468.625 468.625 468.625 468.625 468.625 468.7375 468.7375 468.7375 468.7375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 341 345 346 347 348 349 350 351 352 353 354 355 3554 355	BTX BTX 458.4875 458.4875 458.55 458.525 458.525 458.525 458.5625 458.6625 458.6625 458.625 458.625 458.625 458.625 458.625 458.725 458.825 458.825 458.825	.425_460/4t MTX 488.4875 468.4875 468.525 468.525 468.525 468.555 468.5625 468.5625 468.66125 468.675 468.675 468.675 468.775 468.775 468.775 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.785 468.8875 468.8875 468.8875 468.88888888888888888888888888888888888	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 355	N FOR 454 BTX 458.4875 458.4875 458.5125 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.675 458.68 458.6125 458.625 458.625 458.625 458.625 458.675 458.6875 458.8875 458.787 458.787 458.787 458.787 458.787 458.7875 458.7875 458.7875 458.7875 458.8875	.425_460/4t MTX 468.4875 468.4875 468.5 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.575 468.6 468.6125 468.625 468.6375 468.65 468.675 468.675 468.7125 46	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No. 326 327 328 329 330 331 332 333 334 335 336 337 338 340 341 341 345 346 347 348 349 350 351 352 353 354 355 3554 355	BTX BTX 458.4875 458.4875 458.55 458.525 458.525 458.525 458.5625 458.6625 458.6625 458.625 458.625 458.625 458.625 458.625 458.725 458.825 458.825 458.825	.425_460/4t MTX 488.4875 468.4875 468.525 468.525 468.525 468.555 468.5625 468.5625 468.66125 468.675 468.675 468.675 468.7125 468.725 468.735 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE
CH. No.	N FOR 454 BTX 458.4875 458.4875 458.5 458.5 458.5125 458.525 458.525 458.5625 458.6625 458.675 458.6625 458.675 458.6875 458.6875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.8875 458.8875 458.88875 458.8888888888888888888888888888888888	.425_460/4t MTX 468.4875 468.4875 468.5 468.5125 468.525 468.525 468.525 468.525 468.5625 468.5625 468.6625 468.67 468.67 468.687 468.67 468.7125 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.73875 468.73875 468.7375 468.73875 468.73875 468.73875 468.73875 468.73875 468.73875 468.88888888888888888888888888888888888	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & T
CH. No. 326 327 328 329 330 331 331 332 333 334 335 336 337 338 340 341 341 345 346 347 348 349 350 351 355 356 356 356 366 361	N FOR 454 BTX 458.4875 458.4875 458.55 458.5125 458.525 458.525 458.525 458.5625 458.6625 458.6625 458.6625 458.675 458.675 458.725 458.7375 458.8275	.425_460/4t MTX 488.4875 468.4875 468.55 468.5125 468.525 468.525 468.555 468.5625 468.5625 468.6625 468.675 468.675 468.675 468.7125 468.725 468.735 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.9375	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
CH. No.	N FOR 454 BTX 458.4875 458.4875 458.5 458.5 458.5125 458.525 458.525 458.5625 458.6625 458.675 458.6625 458.675 458.6875 458.6875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.785 458.8875 458.8875 458.88875 458.8888888888888888888888888888888888	.425_460/4t MTX 468.4875 468.4875 468.5 468.5125 468.525 468.525 468.525 468.525 468.5625 468.5625 468.6625 468.67 468.67 468.687 468.67 468.7125 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.7375 468.73875 468.73875 468.7375 468.73875 468.73875 468.73875 468.73875 468.73875 468.73875 468.88888888888888888888888888888888888	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & T
CH. No. 326 327 328 329 330 331 332 333 334 335 336 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 356 356 356 357 358 359 360 361 362 363 364	N FOR 454 BTX 458.4875 458.525 458.525 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.675 458.6875 458.6875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.8885 458.885 458.885 458.895 458.895 458.895 458.895 458.895 458.895 458.995 458.9975	.425_460/4t MTX 488.4875 468.4875 468.5 468.5125 468.525 468.525 468.5625 468.5625 468.5625 468.6875 468.625 468.625 468.625 468.675 468.7375 468.725 468.725 468.7375 468.7375 468.7375 468.7375 468.7488.825 468.875 468.875 468.875 468.875 468.8875 468.875 468.88888888888888888888888888888888888	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
CH. No.	BTX BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.525 458.5875 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.725 458.725 458.725 458.875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8925 458.925 458.925 458.925	.425_460/4t MTX 468.4875 468.4875 468.5 468.5125 468.525 468.525 468.525 468.575 468.65 468.6625 468.67 468.67 468.68 468.67 468.71 468.72 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.73 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.875 468.975 468.975 468.975 468.975 468.975	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
CH. No. 326 327 328 329 330 331 332 333 334 335 336 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 356 356 356 357 358 359 360 361 362 363 364	N FOR 454 BTX 458.4875 458.525 458.525 458.525 458.525 458.525 458.5625 458.5625 458.6625 458.675 458.6875 458.6875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.8885 458.885 458.885 458.895 458.895 458.895 458.895 458.895 458.895 458.995 458.9975	.425_460/4t MTX 488.4875 468.4875 468.5 468.5125 468.525 468.525 468.5625 468.5625 468.5625 468.6875 468.625 468.625 468.625 468.675 468.7375 468.725 468.725 468.7375 468.7375 468.7375 468.7375 468.7488.825 468.875 468.875 468.875 468.875 468.8875 468.875 468.88888888888888888888888888888888888	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
CH. No. 326 327 328 329 330 331 331 332 333 334 335 336 337 338 340 341 342 343 345 346 347 348 349 350 351 352 353 354 355 366 367 368 366 367 368	BTX BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.875 458.875 458.785 458.875 458.785 458.785 458.785 458.786 458.7875 458.7875 458.7875 458.7875 458.7875 458.8825 458.8975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 458.9975 459.025	.425_460/4t MTX 468.4875 468.5975 468.5125 468.525 468.525 468.525 468.5625 468.5625 468.5625 468.625 468.625 468.625 468.625 468.625 468.675 468.76 468.76 468.775 468.78 468.78 468.78 468.78 468.78 468.78 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.79 468.89 468.8925 468.897 468.897 468.897 468.897 468.897 468.897 468.897 468.897 468.9925 468.997 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 468.9975 469.0125	AROUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIG
CH. No.	N FOR 454 BTX 458.4875 458.4875 458.5 458.5 458.525 458.525 458.5375 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8875 458.8975 458.8975 458.8975 458.8975 458.8975 458.8975 458.8975 458.9925 458.9925 458.9925 458.9925 458.9975 458.9975 458.9975 458.9975 458.9975	.425_460/4t MTX 468.4875 468.4875 468.5125 468.5125 468.525 468.525 468.5625 468.5625 468.5625 468.67 468.68 468.625 468.625 468.625 468.625 468.625 468.625 468.725 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.825 468.8375 468.825 468.8375 468.825 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.8375 468.925 468.925 468.925 468.925 468.9375 468.9375 468.965	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE  VAROIUS ASSIGNMENTS & T
CH. No.	BTX BTX 458.4875 458.4875 458.5 458.55 458.525 458.525 458.525 458.5625 458.6625 458.6625 458.625 458.625 458.625 458.625 458.625 458.825 458.825 458.825 458.825 458.8375 458.725 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.735 458.825 458.825 458.825 458.8375 458.825 458.825 458.8375 458.89625 458.9375 458.9975 458.9975 458.9975 458.9975 459.0125 459.025 459.0375	.425_460/4t MTX 488.4875 468.4875 468.55 468.5125 468.525 468.525 468.555 468.5625 468.5625 468.6625 468.675 468.675 468.675 468.675 468.7125 468.725 468.735 468.875 468.735 468.8375 468.8375 468.8375 468.852 468.852 468.852 468.875 468.852 468.875 468.875 468.875 468.8925 468.9375 469.0125 469.0125	REMARKS  VAROIUS ASSIGNMENTS & TRUNKED MOBILE VA
CH. No.	BTX BTX 458.4875 458.4875 458.525 458.525 458.525 458.525 458.525 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.625 458.875 458.8875 458.8875 458.8875 458.88875 458.89875 458.99875 458.99875 458.99875 458.99875 458.9975	.425_460/4t MTX 468.4875 468.5 468.55 468.525 468.525 468.525 468.555 468.655 468.625 468.625 468.625 468.625 468.675 468.75 468.75 468.8875 468.8875 468.8875 468.88875 468.8975 468.89875 468.8975 468.99888975 468.9975 469.0125 469.0125	AROUS ASSIGNMENTS & TRUNKED MOBILE VAROIUS ASSIG

CH. No.   BTX	CH-PLA	N FOR 454	.425 460/4	64.425 470MHz 2004 (12.5 kHz)
375				_
376				
378		459.1125		
379	377			VAROIUS ASSIGNMENTS & TRUNKED MOBILE
380	378	459.1375	469.1375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
381	379	459.15	469.15	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
382	380	459.1625	469.1625	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
383				
384				
385				
386				
387				
388				
389				
390				
391				
3992				
393				
394				
395				
396				
397   459.375   469.375   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   398   459.3875   469.3875   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   399   459.4   469.4125   469.4125   469.4125   469.4125   469.4125   469.4125   469.4125   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   401   459.425   469.425   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   402   459.4375   469.4375   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   402   459.4375   469.4375   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   403   459.445   469.445   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   404   459.4625   469.4625   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   405   459.475   469.475   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   406   459.475   469.475   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   406   459.475   469.475   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   407   459.5   469.5   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   407   459.5   469.5   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   409   459.525   469.525   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   409   459.525   469.525   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   410   459.5375   469.5375   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   411   459.556   469.5625   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   412   459.5625   469.5625   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   414   459.5875   469.575   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   415   459.6   469.5625   VAROIUS ASSIGNMENTS & TRUNKED MOBILE   416   459.6   469.6   459.				
398				
399				
400				
401				
402				
404				
404	403	459.45	469.45	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
406	404	459.4625	469.4625	
407	405	459.475	469.475	
408	406	459.4875	469.4875	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
409	407	459.5	469.5	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
410	408	459.5125	469.5125	
411	409	459.525	469.525	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
412	410	459.5375	469.5375	VAROIUS ASSIGNMENTS & TRUNKED MOBILE
413		459.55	469.55	
414				
415				
416				
417				
418				
419				
420				
421				
CH. No.   BTX				
CH. No.         BTX         MTX         REMARKS           CH-PLAN FOR 454.425_460/464.425_470MHz 2004 (12.5 kHz)         CH. No.         BTX         MTX         REMARKS           423         459.7         469.7         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         424         459.7125         469.7125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           424         459.725         469.725         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         426         459.7375         469.7375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           426         459.7375         469.7375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         427         459.75         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         428         459.7625         469.775         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           430         459.7875         469.7875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         431         459.8125         469.7875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           431         459.8125         469.8125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE         432         459.8125         469.8125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           433         459.825         469.825         VAROIUS ASSIGNMENTS & TRUNKED MOB				
CH-PLAN FOR 454.425_460/464.425_470MHz 2004 (12.5 kHz)  CH. No. BTX MTX REMARKS  423 459.77 469.7 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 427 459.75 469.7375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 428 459.7625 469.7625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 429 459.775 469.775 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 435 459.851 469.8375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 436 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 437 459.851 469.8375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 438 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 431 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 432 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 433 459.8675 469.875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 434 459.8675 469.875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 437 459.875 469.875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 438 459.8975 469.9875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.915 469.9125 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 440 459.9125 469.9125 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 441 459.925 469.9125 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 442 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 443 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 445 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
CH. No. BTX MTX REMARKS  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 426 459.737 469.7375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 427 459.75 469.737 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 428 459.7625 469.7625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 429 459.775 469.775 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 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 435 459.851 469.8375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 436 459.8625 469.8625 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 437 459.852 469.875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 438 459.857 469.855 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.857 469.857 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.857 469.857 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.875 469.875 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.975 469.975 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 439 459.975 469.975 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 440 459.9125 469.9125 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 441 459.925 469.9125 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 442 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 444 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 445 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 446 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 447 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 448 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE 449 459.9375 469.9375 VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
423	CH-PLA	AN FOR 454	.425_460/4	64.425_470MHZ 2004 (12.5 KHZ)
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         459.75         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         459.775         469.775         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           430         459.7875         469.7875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           431         459.8         469.8125         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         459.855         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         45	CH. No.	BTX	MTX	REMARKS
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         459.75         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         459.775         469.775         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           430         459.7875         469.7875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           431         459.8         469.8125         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         459.855         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         45				
425         459.725         469.725         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           426         459.7375         469.7375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           427         459.755         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         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           433         459.8375         469.8375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           435         459.85         469.8375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           4				
426         459.7375         469.7375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           427         459.75         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           440         459.				
427         459.75         469.75         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.9         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           440         459.9125         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           44				
428         459.7625         469.7625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           429         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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.9125         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           440         459.9125         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           441         459.925         469.925         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           <				
429         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         459.8625         469.855         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8525         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.99         469.99         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           440         459.9125         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           441         459.9375         469.925         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           442         459.9375         469.935         VAROIUS ASSIGNMENTS & TRUNKED MOBILE <td< td=""><td></td><td></td><td></td><td></td></td<>				
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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.91         469.91         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           440         459.9125         469.9125         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           441         459.925         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           442         459.9375         469.9375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.937         469.935         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.9				
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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.875         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445<				
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         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.875         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.905         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.905         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.905         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445				
433         459.825         469.825         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           434         459.8375         469.8375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           435         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.91         469.91         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.955         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.955         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
434         459.8375         469.8375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           435         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         459.875         469.875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           438         459.8875         469.8875         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           439         459.912         469.91         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.905         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
435         459.85         469.85         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
436         459.8625         469.8625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           437         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
437         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         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         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
441         459.925         469.925         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           442         459.9375         469.9375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9525         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
442         459.9375         469.9375         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
443         459.95         469.95         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
444         459.9625         469.9625         VAROIUS ASSIGNMENTS & TRUNKED MOBILE           445         459.975         469.975         VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
445 459.975 469.975 VAROIUS ASSIGNMENTS & TRUNKED MOBILE				
1 ISSUED   ISSUED   INTOINED NOOIGHINE HITO & INGINED MODILE				
				,

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CH. No.	SF	REMARKS	S/Gr
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	
11	454.125	SEE DATABASE	
12	454.1375	SEE DATABASE	
13	454.15	SEE DATABASE	
14	454.1625	SEE DATABASE	
15	454.175	SEE DATABASE	
16	454.1875	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	
34	454.4125	SEE DATABASE	i

		R 464 - 464.425MHz 2017 (12.5 kH	
CH. No.	SF	REMARKS	S/Gr.
1	464	SEE DATABASE	
2	464.0125	SEE DATABASE	
3	464.025	SEE DATABASE	
4	464.0375	SEE DATABASE	
5	464.05	SEE DATABASE	
6	464.0625	SEE DATABASE	
7	464.075	SEE DATABASE	
8	464.0875	SEE DATABASE	
9	464.1	SEE DATABASE	
10	464.1125	SEE DATABASE	
11	464.125	SEE DATABASE	
12	464.1375	SEE DATABASE	
13	464.15	SEE DATABASE	
14	464.1625	SEE DATABASE	
15	464.175	SEE DATABASE	
16	464.1875	SEE DATABASE	
17	464.2	SEE DATABASE	
18	464.2125	SEE DATABASE	
19	464.225	SEE DATABASE	
20	464.2375	SEE DATABASE	
21	464.25	SEE DATABASE	
22	464.2625	SEE DATABASE	
23	464.275	SEE DATABASE	
24	464.2875	SEE DATABASE	
25	464.3	SEE DATABASE	
26	464.3125	SEE DATABASE	1
27	464.325	SEE DATABASE	
28	464.3375	SEE DATABASE	İ
29	464.35	SEE DATABASE	
30	464.3625	SEE DATABASE	
31	464.375	SEE DATABASE	
32	464.3875	SEE DATABASE	
33	464.4	SEE DATABASE	1
34	464.4125	SEE DATABASE	1

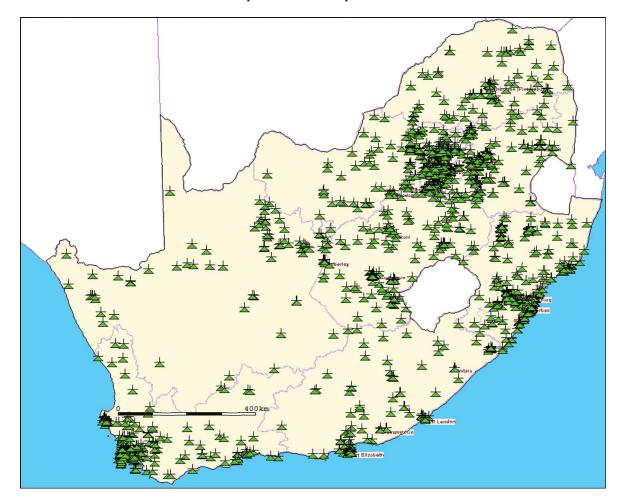
UHF SIMF	PLEX		
-		463 - 463.9875MHz 2003 (12.5 kHz)	
CH. No.	SF 463	REMARKS S SEE DATABASE	/Gr.
2	463.0125	SEE DATABASE	
3	463.025	SEE DATABASE	
<u>4</u> 5	463.0375 463.05	SEE DATABASE SEE DATABASE	
6	463.0625	SEE DATABASE	
7 8	463.075 463.0875	SEE DATABASE SEE DATABASE	
9	463.1	SEE DATABASE SEE DATABASE	
10	463.1125	SEE DATABASE	
11 12	463.125 463.1375	SEE DATABASE SEE DATABASE	
13	463.15	SEE DATABASE SEE DATABASE	
14	463.1625	SEE DATABASE	
15 16	463.175 463.1875	SEE DATABASE SEE DATABASE	
17	463.2	SEE DATABASE	
18	463.2125	SEE DATABASE	
19 20	463.225	SEE DATABASE	
21	463.2375 463.25	SEE DATABASE SEE DATABASE	
22	463.2625	SEE DATABASE	
23	463.275	SEE DATABASE	
24 25	463.2875 463.3	SEE DATABASE SEE DATABASE	
26	463.3125	SEE DATABASE	
27	463.325	SEE DATABASE SEE DATABASE	
28 29	463.3375 463.35	SEE DATABASE SEE DATABASE	
30	463.3625	SEE DATABASE	
31	463.375	SEE DATABASE	
32 33	463.3875 463.4	SEE DATABASE SEE DATABASE	
34	463.4125	SEE DATABASE	
35	463.425	SEE DATABASE	
36 37	463.4375 463.45	SEE DATABASE SEE DATABASE	
38	463.4625	SEE DATABASE	
39	463.475	SEE DATABASE	
40 41	463.4875 463.5	SEE DATABASE SEE DATABASE	
42	463.5125	SEE DATABASE	
43	463.525	SEE DATABASE	
44 45	463.5375 463.55	SEE DATABASE SEE DATABASE	
46	463.5625	SEE DATABASE	
47	463.575	SEE DATABASE	
CHANN	EL PLAN FOR	2 463 - 463.9875MHz 2003 (12.5 kHz)	`
48	463.5875	SEE DATABASE	<u>'</u>
49	463.6	SEE DATABASE	
50	463.6125	SEE DATABASE	
51 52	463.625 463.6375	SEE DATABASE SEE DATABASE	
53	463.65	SEE DATABASE	
54	463.6625	SEE DATABASE	
55 56	463.675 463.6875	SEE DATABASE SEE DATABASE	
57	463.7	SEE DATABASE	
58	463.7125	SEE DATABASE	
59 60	463.725 463.7375	SEE DATABASE SEE DATABASE	
61	463.75	SEE DATABASE	
62	463.7625	SEE DATABASE	
63 64	463.775 463.7875	SEE DATABASE SEE DATABASE	
65	463.8	SEE DATABASE	
66	463.8125	SEE DATABASE	
67 68	463.825 463.8375	SEE DATABASE SEE DATABASE	
69	463.85	SEE DATABASE	
70	463.8625	SEE DATABASE	
71	463.875 463.8875	SEE DATABASE SEE DATABASE	
72 73	463.8875 463.9	SEE DATABASE SEE DATABASE	
74	463.9125	SEE DATABASE	
75 76	463.925	SEE DATABASE SEE DATABASE	
76 77	463.9375 463.95	SEE DATABASE SEE DATABASE	
78	463.9625	SEE DATABASE	
79	463.975	SEE DATABASE	
80	463.9875	SEE DATABASE	

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## 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

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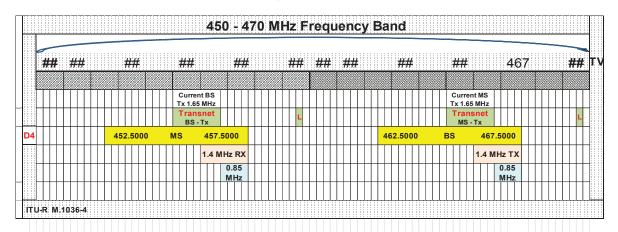
Frequency Sub bands

**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





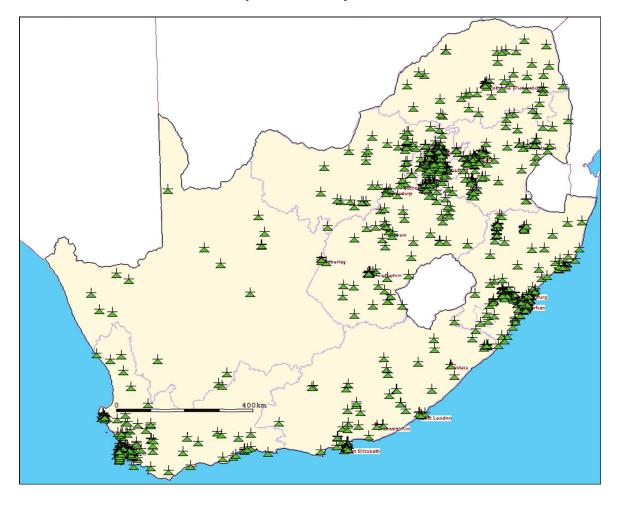
#### 1.10.2 Licensing information for the applicable frequency allocation

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

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# 1.10.3 Areas where licensed frequencies are operational.



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# 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

IMT 900 (MTX) 880 to 915 MHz paired with (BTX) 925 to 960 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

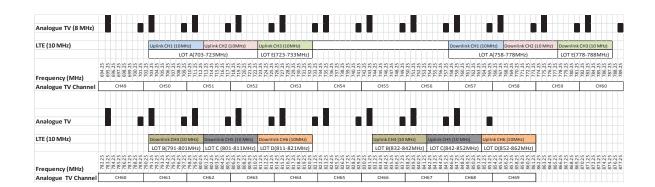
Non-specific SRD and RFID 869.4 to 869.65 MHz

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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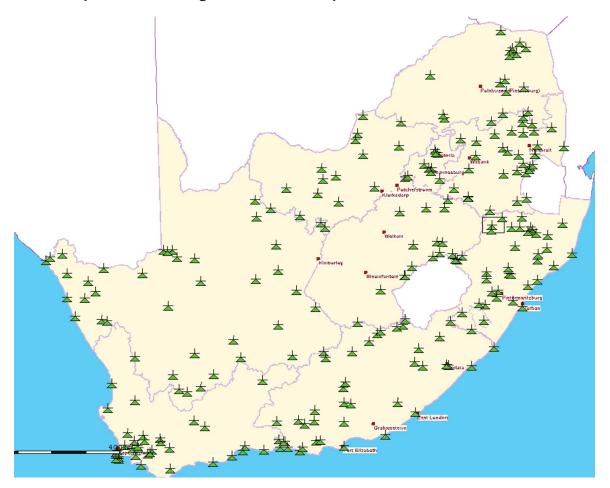


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## 1.11.2 Areas where licensed frequencies are operational.

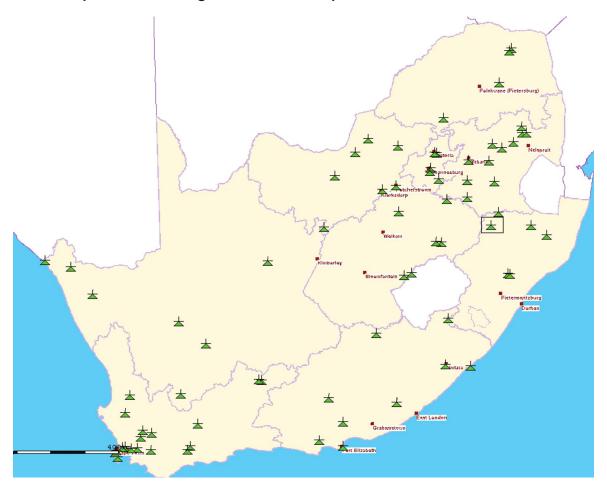
This does not include the low power self-help frequencies which are operational.

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



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



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## 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)

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## 1.12.1 Channel Plan for the Frequency Allocation

### 1.12.1.1 Annexure A

1.4	GHz cha	nnel plans	TR1	13-01(A)	ITU-R F.124	12											
	nex A (ne					Ī											
	CEPT	TR13-01(A)						TRIS SHA					CEPT	TR13-01(A)			
	Band	1.4 GHz (F.S)					Band	1.4 GHz (F.S)					Band	1.4 GHz (F.S)			
	Ctr.Freq Ch.Width	1433.5 M Hz 25 kHz					Band Ctr Freq Ch Width	4 GH2 (F S) 443 5 6 6 62 250 KH2					Ctr.Freq Ch.Width	1433.5 M Hz 500 kHz			
	Separ. Ch.Spac.	142 M Hz 100x25 kHz					Separ Ch Spac	M2 MHz					Separ. Ch.Spac.	142 M Hz 35x500 kHz			
	Ctr.Gap	117 M Hz					Gre Gab	15X250 KHZ MZ NENZ					Ctr.Gap	117 M Hz			Old plan
Ch.	Go	Return		Go	Return	Ch.	Go	Return	Ch.	Go	Return	Ch.	Go	Return	Г		channel n
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		10 9	
2	13 50 .53 75	1492.5375	38	1351.4375	1493.4375	74	1352.3375	1494.3375	10.	13.55.37.50	1497.3750	2	13 57.750 0	1499.7500	Г	110	
3	1350.5625	1492.5625	39	1351.4625	1493.4625	75	1352.3625	1494.3625	111	13 55.8 2 50	1497.8250	3	13 58 .2 50 0	1500.2500	Т	111	
4	1350.5875	1492.5875	40	13 51.4875	1493.4875	76	1352.3875	1494.3875	12	13:55:8 7:50	1497.875α	4	13 58 .750 0	1500.7500	Г	112	Ì
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 :	1498 1250	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 .3 750	1498 3750	6	13 59 .750 0	150 1.750 0	Г	114	
7	1350.6625	1492.6625	43	1351.5625	1493.5625	79	1352.4625	1494.4625	15	13 56 ;6 2 50;	14:98.6250	7	1360.2500	1502.2500		115	
8	1350.6875	1492.6875	44	13 51.58 75	1493.5875	80	1352.4875	1494.4875				8	1360.7500	1502.7500	Т	116	
9	13 50 . 712 5	1492.7125	45	13 51.6 12 5	1493.6125	81	13 52 . 512 5	1494.5125				9	13 6 1.2 50 0	1503.2500	Г	117	Ì
10	13 50 . 73 75	1492.7375	46	1351.6375	1493.6375	82	13 52 . 53 75	1494.5375				10	13 6 1.750 0	1503.7500	Г	118	
11	13 50 . 76 2 5	1492.7625	47	1351.6625	1493.6625	83	13 52 . 56 2 5	1494.5625				11	1362.2500	1504.2500	Т	119	t
12	1350.7875	1492.7875	48	1351.6875	1493.6875	84	13 52 . 58 75	1494.5875				12	1362.7500	1504.7500	Н	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	H	121	
14	1350.8125	1492.8375	50	13 51.712 5	1493.7125	86	1352.6375	1494.6125				14	1363.7500	150 5.2 50 0	H	122	
15	13 50 .8 6 2 5	1492.8625	51	13 51.76 2 5	1493.7625	87	1352.6625	1494.6625	<u> </u>			15	1364.2500	1506.2500	H	123	
16	13 50 .8 8 7 5	1492.8875	52	13 51.78 75	1493.7875	88	13 52 .6 8 75	1494.6875	<u> </u>			16	1364.7500	1506.2500	H	124	
17	13 50 .8 675	1492.8875	53	13 51.7 67 5	1493.7675	89	13 52 . 712 5	1494.7125	<b>-</b>			17	1365.2500	150 7.2 50 0	H	12.5	ł
18	13 50 .9 3 7 5	1492.9125	54	1351.8375	1493.8125	90	13 52 . 7 12 5	1494.7125	<b>-</b>			18	1365.2500	1507.2500	H	12 6	ł
19	1350.9375	1492.9375	55	1351.8375	1493.8375	91	1352.7375	1494.7375	<del>                                     </del>			19	1366.2500	1507.7500	H	12 7	-
	1350.9625	1492.9625	56	ł	1493.8625	91	ł	1494.7625	<u> </u>						H		
20	13 51.0 12 5	1492.9875	57	13 51.8 8 75	1493.8875		13 52 . 78 75	1494.7875	<del>                                     </del>			20	1366.7500	1508.7500	H	12 8 12 9	-
21	13 51.0 12 5	1493.0125	58		1493.9125	93		1	_	<u> </u>		21		1509.2500	⊢	12 9	
				1351.9375		<u> </u>	1352.8375	1494.8375	<del>                                     </del>				13 6 7.750 0	1509.7500	H		-
23	1351.0625	1493.0625	59	1351.9625	1493.9625	9 5	13 52 . 8 6 2 5	1494.8625	-			23	1368.2500	1510.2500		131	
24	13 51.0 8 7 5	1493.0875	60	13 51.9 8 75	1493.9875	96	13 52 .8 8 7 5	1494.8875	-			24	1368.7500	1510.7500	H	13.2	
25	13 51.112 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	H	13 3	ad hoc
26	13 51.13 75	1493.1375	62	1352.0375	1494.0375	98	13 52 .9 3 7 5	1494.9375	-			26	1369.7500	1511.7500	H	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	H	135	ad hoc
28	13 51.18 75	1493.1875	64	1352.0875	1494.0875	10 0	13 52 .9 8 75	1494.9875				28	1370.7500	1512.7500	H	13 6	
29	13 51.2 12 5	1493.2125	6.5	13 52 . 112 5	1494.1125	1	13.53:12.50	1495.1250	_			29	13 7 1.2 50 0	1513.2500		13 7	ad hoc
30	13 51.2 3 7 5	1493.2375	66	13 52 . 13 7 5	1494.1375	2	13 53 .3 750	1495;3750:	_	-		30	13 71.750 0	1513.7500	H	138	ad hoc
31	1351.2625	1493.2625	67	13 52 . 16 2 5	1494.1625	3	1353,6250	1495.6250	_			31	1372.2500	1514.2500	H	139	
32	13 51.2 8 7 5	1493.2875	68	1352.1875	1494.1875	-4	13 53 .8 750	14-9 5,87-50	<u> </u>			32	1372.7500	1514.7500	$\vdash$	14 0	ad hoc
33	13 51.3 12 5	1493.3125	69	13 52 . 2 12 5	1494.2125	-5	13.54;12.50	14:9 6 . 12:50	<u> </u>			33	1373.2500	1515.2 50 0	L	141	
34	1351.3375	1493.3375	70	1352.2375	1494.2375	:6	1354.3750	14.96;3:750:	<u> </u>			34	1373.7500	1515.7500	H	14.2	
35	1351.3625	1493.3625	71	1352.2625	1494.2625	7	13 54 6 2 50	1496.6250	<u> </u>			35	1374.2500	1516.2500	L	14 3	
36	13 51.3 8 7 5	1493.3875	72	1352.2875	1494.2875	8	1354.8750	14.9 6 : 8:750				_			_		
		25 kHz shared						250 kHz share	d					500 kHz shared			
	continue	Annex B	on n	ext shee	t		Typical	users									
	+						Eskom										
							Transnet										
							SAPS										
							SANDF	ni									
							Ekurhule	Research Fo	ound	ation							
							rational	Acocalcii F	Jund	ation							

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### 1.12.1.2 Annexure B

Annex B (n	new plan)		
	CEPT TR13-0	1(B)	
	Band 1.4 GH	z (F.S)	
	Ctr.Freq 1413	3.5 M Hz	
	Ch.Width 50	0 kHz	
	Separ. 52 MH	łz	
	Ch.Spac. 48x	500 kHz	
	Ctr.Gap 27 M	Hz	
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	13 78 .750 0	1430.7500	
8	1379.2500	14 3 1.2 50 0	
9	13 79 .750 0	14 3 1.750 0	
10	1380.2500	1432.2500	Telkom
11	1380.7500	1432.7500	
12	13 8 1.2 50 0	1433.2500	Telkom
13	13 8 1.750 0	1433.7500	
14	1382.2500	1434.2500	
15	1382.7500	1434.7500	
16	1383.2500	1435.2500	
17	1383.7500	1435.7500	
18 19	1384.2500	1436.2500 1436.7500	
2 0	13 8 4 . 750 0 13 8 5 . 2 50 0	1436.7500	
21	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	
3 2	13 9 1.2 50 0	1443.2500	
3 3	13 9 1.750 0	1443.7500	
3 4	1392.2500	1444.2500	
3 5	1392.7500	1444.7500	
3 6	1393.2500	14 4 5.2 50 0	
3 7	1393.7500	1445.7500	
3 8	1394.2500		Talleage
3 9	1394.7500	1446.7500	Telkom
4 0	13 9 5.2 50 0	1447.2500	Telkom
41	13 9 5.750 0		Telkom
42	13 9 6 . 2 5 0 0	1448.2500	Telkom Telkom
4 3 4 4	13 9 6 .750 0	14 4 8 . 7 5 0 0 14 4 9 . 2 5 0 0	Telkom
4 4	13 9 7.2 50 0 13 9 7.750 0	1449.2500	Telkom
46	1397.7500	1449.7500	Telkom
47	13 9 8 . 7 5 0 0	14 50 . 750 0	Telkom
48	1399.2500	14 51.2 50 0	Telkom
40	1333.2500	1431.2300	· OINOITI

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#### 1.12.1.3 Simplex Channels

	ITU / CEPT	Based on RE	C ITU-R F.124	2					
	Band	1.5	GHz (F.S) Sim	olex					
	Ctr.Freq		-						
	Ch.Width	7x500 kHz	& 140x25 kHz						
	Separ.		-						
	Ch.Spac.	7x 5	00 kHz & 140x 2	5 kHz					
	Ctr.Gap		-						
Ch.		Ch.		Ch.		Ch.		Ch.	
1(IM T)	1517.75	37	1521.7375	73	1522.6375	10 9	1523.5375	14 5	1524.43
2(IM T)	1518.25	38	1521.7625	74	1522.6625	110	1523.5625	14 6	1524.46
3	1518.75	39	152 1.78 75	75	1522.6875	111	1523.5875	14 7	1524.48
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	1521.8625	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	152 1.9 3 7 5	81	1522.8375	117	1523.7375		
10	152 1.0 6 2 5	46	1521.9625	8 2	1522.8625	118	1523.7625		
11	152 1.0 8 75	47	152 1.9 8 75	83	1522.8875	119	1523.7875		
12	152 1.112 5	48	152 2 .0 12 5	8 4	1522.9125	12 0	1523.8125		
13	152 1.13 75	49	1522.0375	8.5	1522.9375	12 1	1523.8375		
14	152 1.16 2 5	50	1522.0625	8 6	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	1523.9125		
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	127	1523.9875		
20	152 1.3 12 5	56	1522.2125	92	1523.1125	12 8	1524.0125		
21	152 1.3 3 7 5	57	1522.2375	93	1523.1375	129	1524.0375		
22	1521.3625	58	1522.2625	94	1523.1625	13 0	1524.0625		
23	152 1.3 8 7 5	59	1522.2875	95	1523.1875	131	1524.0875		
24	152 1.4 12 5	60	1522.3125	96	1523.2125	13 2	1524.1125		
25	1521.4375	61	1522.3375	97	1523.2375	13 3	1524.1375		
26	1521.4625	62	1522.3625	98	1523.2625	13 4	1524.1625		
27	1521.4875	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	6 5	1522.4375	10 1	1523.3375	13 7	1524.2375		
3 0	1521.5625	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	1521.6375	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		
3 6	152 1.712 5	72	152 2 .6 12 5	10 8	1523.5125	14 4	1524.4125		

# 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

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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

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## 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** 

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**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

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**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

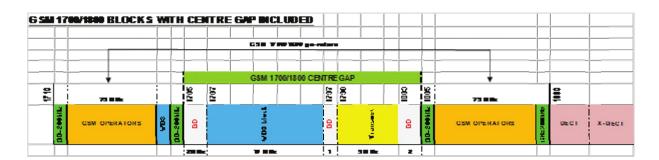
Non Specific SRDs and low power video surveillance: 2400 2483.5 MHz

RFDI: 2400 2483.5 MHz

ISM applications: 2400 2483.5 MHz

#### 1.14.1 Channel Plan for the Frequency Allocation





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## **GSM 1800**

			Assignment/usage		
Ch. No.	ARFCN (FI), MHz	ARFCN (Fu), MHz	current	Comments	Final assignment
512 513		1805.2 1805.4			GB Neotel
513		1805.4			Neotel
515		1805.8			Neotel
516		1806			Neotel
517	1711.2	1806.2			Neotel
518		1806.4			Neotel
519	1711.6	1806.6			Neotel
520		1806.8			Neotel
521	1712	1807			Neotel
522		1807.2			Neotel
523		1807.4			Neotel
524 525		1807.6 1807.8			Neotel Neotel
525		1807.6			Neotel
527	1713.2	1808.2			Neotel
528		1808.4			Neotel
529		1808.6			Neotel
530		1808.8			Neotel
531	1714	1809			Neotel
532	1714.2	1809.2			Neotel
533	1714.4	1809.4			Neotel
534		1809.6			Neotel
535		1809.8			Neotel
536		1810			Neotel
537	1715.2	1810.2			Neotel
538		1810.4			Neotel
539 540		1810.6			Neotel Neotel
540	1715.8 1716	1810.8 1811			Neotel
542		1811.2			Neotel
543		1811.4			Neotel
544		1811.6			Neotel
545		1811.8			Neotel
546	1717	1812			Neotel
547	1717.2	1812.2			Neotel
548	1717.4	1812.4			Neotel
549		1812.6			Neotel
550		1812.8			Neotel
551	1718	1813			Neotel
552		1813.2			Neotel
553 554		1813.4			Neotel Neotel
555		1813.6 1813.8			Neotel
556					Neotel
557					Neotel
558					Neotel
559					Neotel
560	1719.8	1814.8			Neotel
561					Neotel
562					Neotel
563					Neotel
564					Neotel
565					Neotel
566		1816			Neotel
567 568					Neotel Neotel
569					Neotel
570					Neotel
571					Neotel
572		1817.2			Neotel

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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	1819	MTN
582	1724.2	1819.2	MTN
583	1724.4	1819.4	MTN
584	1724.6	1819.6	MTN
585	1724.8	1819.8	MTN
586	1725	1820	MTN
587	1725.2	1820.2	MTN
588	1725.4	1820.4	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	1727	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

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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

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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	1751.4	1846.6	Cell C
720	1751.8	1846.8	Cell C
721	1752	1847	Cell C
722	1752.2	1847.2	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
749	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
759	1759.6	1854.6	Cell C
760	1759.8	1854.8	Cell C
761	1760	1855	GB
762	1760.2	1855.2	GB
102	1700.2	1000.2	GD

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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
	.=	1864.6	
809	1769.6		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	1771.0	1867	Vodacom
822	1772.2	1867.2	Vodacom
823	1772.4	1867.4	GB
824	1772.6	1867.6	GB

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4770.0	1007.0	WBS
		WBS
		WBS
		WBS
1773.4	1868.4	WBS
1773.6	1868.6	WBS
1773.8	1868.8	WBS
1774	1869	WBS
1774.2	1869.2	WBS
1774.4	1869.4	WBS
		WBS
		WBS
		WBS
	1871	WBS
1776.2	1871.2	WBS
1776.4	1871.4	WBS
1776.6	1871.6	WBS
1776.8	1871.8	WBS
		WBS
		WBS
		WBS
1778.4	1873.4	WBS
1778.6	1873.6	WBS
1778.8	1873.8	WBS
1779	1874	WBS
1779.2	1874.2	WBS
1779.4	1874.4	WBS
		WBS
		WBS
		WBS
1781	1876	WBS
1781.2	1876.2	WBS
1781.4	1876.4	WBS
1781.6	1876.6	WBS
1781.8	1876.8	WBS
.=		WBS
		WBS
		WBS
1783.4	1878.4	WBS
4700 C	1878.6	WBS
1783.6		
1783.8	1878.8	WBS
	1878.8 1879	WBS WBS
1783.8		
1783.8 1784	1879	WBS
1783.8 1784 1784.2	1879 1879.2	WBS WBS
	1773.8 1774 1774.2 1774.4 1774.6 1774.6 1774.8 1775.1 1775.2 1775.4 1775.6 1775.8 1776.1 1776.2 1776.4 1776.6 1776.8 1777.7 1777.2 1777.4 1777.2 1777.4 1777.8 1778.2 1778.4 1778.6 1778.8 1778.9 1779.2 1779.4 1779.6 1779.2 1779.4 1779.6 1779.8 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.1 1780.2 1780.4 1780.6 1780.8 1781.1 1781.2 1781.4 1781.6 1781.8 1782.1 1782.4 1782.6 1782.8 1783.1	1773

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					are assigne	ed on a redi	o co-ordinat	ed hasis w	ith other us	ers ie cha	innels that	are availah	le on a "per	link" h
******	******	******	*******	y Chamileis a	*******	**********	**********	***********	**********	******	******	######################################	********	*****
adiocon	nmunication	1 Study Gr	oun 9 mad	le editorial a	mendmer	nts to this R	ecommend	ation in 20	02 in acco	rdance with	Resolutio	a ITU-R 4	14.	
orrect ch	nannelisatio	n												
=2155			f0=2155			f0=2155			f0=2155					
	on = 175 M			on = 175 MI			on = 175 MI			on = 175 Mi				
	ap = 90 MI			ap = 90 MH			ap = 90 MH			ap = 90 MH				
h spacir	ng = 14 MI	Hz	Ch spaci	ng = 7 MHz		Ch spacii	ng = 3.5 MF	łz	Ch spaciı	ng = 1.75 M	Hz	-		
Ch.	C-	Detum	Ch.	0-	Return	- Ch	0-	Return	Ch.		Detum			-
Ch 1	Go 2032.5	Return 2207.5	Ch 1	Go 2029	2204	Ch 1	Go 2027.25	2202.25	Ch 1	Go 2026.375	Return			-
2	2046.5	2221.5	2	2029	2211	2	2027.25	2202.25	2	2028.125			-	
3	2060.5	2235.5	3	2043	2218	3	2030.75	2209.25	3	2029.875			-	
4	2074.5	2249.5	4	2050	2225	4	2034.25	2212.75	4	2023.675			-	
5	2088.5	2263.5	5	2057	2232	5	2041.25	2216.25	5	2033.375			+	_
6	2102.5	2277.5	6	2064	2239	6	2041.25	2219.75	6	2035.125				
-	2102.0	2211.3	7	2071	2246	7	2044.75	2223.25	7	2036.875			-	
			8	2071	2246	8	2046.25	2223.25	8	2038.625			-	
			9	2076	2260	9	2051.75	2230.25	9	2040.375				
			10	2092	2267	10	2058.75	2233.75	10	2040.373				
			11	2092	2274	11	2062.25	2237.25	11	2042.125				
			12	2106	2281	12	2065.75	2240.75	12	2045.625				
			12	2100	2201	13	2069.25	2244.25	13	2047.375			+	-
						14	2072.75	2247.75	14	2049.125				
ers:						15	2076.25	2251.25	15	2050.875				
	Mhomhela	Local Mur	nicinality			16	2079.75	2254.75	16	2052.625				
		Bay Titaniu				17	2083.25	2258.25	17	2054.375				
	SANDF	?				18	2086.75	2261.75	18	2056.125				
	SAPS	?				19	2090.25	2265.25	19	2057.875				
	Sky Conn		?			20	2093.75	2268.75	20	2059.625				
	Telkom		· .			21	2097.25	2272.25	21	2061.375				
	Transnet					22	2100.75	2275.75	22	2063.125				
	Kaltrade	ch 6 temp	orary	ch1 Gauter	na	23	2104.25	2279.25	23	2064.875			1	
	SANSA	on o tomp	, or carry	on outlo	.9	24	2107.75	2282.75	24	2066.625			1	
	0, 11 (0, 1								25	2068.375				
									26	2070.125				
									27	2071.875				
									28	2073.625			1	
									29	2075.375			1	
									30	2077.125				
									31	2078.875				
									32	2080.625				
									33	2082.375				
									34	2084.125				
									35	2085.875				
									36	2087.625				
									37	2089.375				
									38	2091.125				
									39	2092.875	2267.875			
									40	2094.625	2269.625			
									41	2096.375				
									42	2098.125	2273.125			
									43	2099.875	2274.875			
									44	2101.625	2276.625			
									45	2103.375	2278.375			
									46	2105.125	2280.125			

## 1.14.2 Licensing information for the applicable frequency allocation

See above for license information on specific bands

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## 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

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_	TekomLTE- TDD (60 8 NHz) 8					40 MHz	40 MHz for MT (other user)			(83.5 MHz)									
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## 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

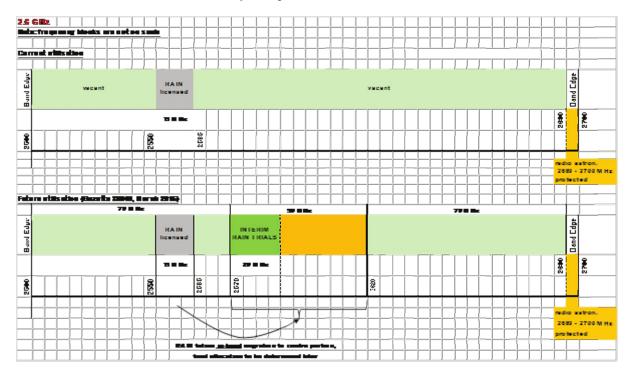
IMT 2600 BTX 2620 to 2690 MHz paired with MTX 2500 to 2570 MHz

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

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## 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** 

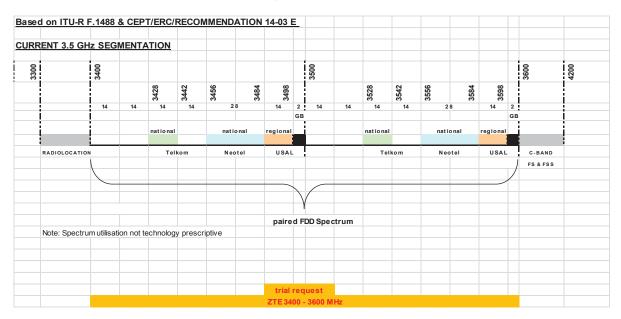
MOBILE

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.

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### 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///