



Innovation, Science and
Economic Development Canada

Innovation, Sciences et
Développement économique Canada

SRSP-500

~~Provisional~~ Issue 24
~~March 2004~~ April 2024

Spectrum Management and Telecommunications

Standard Radio System Plan

Technical Requirements for Land Mobile and Fixed Radio Services Operating in the Bands 138-144 MHz and 148-174 MHz

Preface

Standard Radio System Plan SRSP-500, *Technical Requirements for Land Mobile and Fixed Radio Services Operating in the Bands 138-144 MHz and 148-174 MHz*, issue 2, replaces SRSP-500, *Technical Requirements for Land Mobile and Fixed Radio Services Operating in the Bands 138-144 MHz and 148-174 MHz*, issue 1, dated March 2004.

The following are the main changes:

- **Removed** mentions of the redeployment plan policy
- **Updated** the frequency range designated for the maritime mobile service
- **Updated** conditions for assignments within designated frequency bands
- **Added** conditions on the use of the Search and Rescue Interagency Frequency
- **Added** conditions to gradually adopt VHF public safety interoperability channels
- **Added** conditions on the use of frequencies assigned to Weatheradio systems
- **Added** requirements for minimum spectrum efficiency
- **Added** requirements for combining certain band edge channels for duplex operation
- **Modified** the definition of Simplex Block F and adjusted channels accordingly
- **Modified** the definition of Simplex Block G and adjusted channels accordingly
- **Modified** the definition of Simplex Block H and adjusted channels accordingly
- **Modified** the definition of Duplex Block H and adjusted channels accordingly
- **Made** corrections, editorial changes and clarifications, as appropriate

Issued under the authority of
the Minister for Innovation, Science and Industry

Martin Proulx
Director General
Engineering, Planning and Standards Branch

Martin Proulx
Director General
Engineering, Planning and Standards Branch

Contents

1	Intent	1
2	General.....	1
3	Related Documents	<u>43</u>
4	International Coordination	<u>74</u>
5	Channeling Plan	<u>75</u>
6	Channel Sharing and Loading Guidelines.....	<u>148</u>
7	Technical Criteria	<u>159</u>
Annex A.	Suballocation Channeling Plan.....	<u>174</u>
Annex B.	List of Channels and Corresponding Centre Frequencies.....	<u>281</u>

1 Intent

- 1.1 This Standard Radio System Plan (SRSP) states the minimum technical requirements for the purpose of efficient spectrum utilization for land mobile and fixed point-to-point systems operating in the Very High Frequency (VHF) bands 138-144 and 148-174 MHz.
- ~~1.2 Existing mobile systems that operate in Areas of Intensive Mobile Use (Footnote1) are considered to be non-standard if they do not conform to the efficiency requirement set out for Phase 1 and Phase 2 of the Redeployment Plan and the related criteria of those Phases described in this SRSP.~~
- ~~1.3 Radio systems conforming to the requirements contained in this SRSP will take priority in licensing and coordination over non-standard systems proposed for operation in these bands, subject to the terms and conditions of Spectrum Utilization Policy (SP Gen) and Redeployment Plan 100-500 MHz. Systems which do not meet the duplex/simplex criteria established in this plan will not be declared non-standard.~~
- ~~1.4 Modification of a non-standard system will not be required except where this system blocks the entry of standard systems into the frequency bands covered by the Redeployment Plan. Any system identified for modification under the provisions of the Redeployment Plan will be required to conform to this SRSP, as stated above, and where spectrum availability permits.~~

2 General

- ~~2.1 Equipment used for land mobile or fixed systems operating in the above bands must normally comply with the appropriate technical standards listed in Section 3.1.~~
- 2.1 Equipment for land mobile and fixed systems operating in the bands 138-144 MHz and 148-174 MHz shall be certified in accordance with the latest version of Radio Standards Specification RSS-119, *Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz*.
- 2.2 Notwithstanding the fact that a system satisfies the requirements of this SRSP Standard, Innovation, Science and Economic Development Canada (ISED) the Department shall may require adjustment to radio and auxiliary equipment in radio stations whenever harmful interference ~~(Footnote2)~~ is caused to any radio station or system operating in accordance with Departmental regulations or standard. “Harmful interference”, as defined in the *Radiocommunication Act*, means an adverse effect of electromagnetic energy from any emission, radiation or induction that (a) endangers the use or functioning of a safety-related radiocommunication system or (b) significantly degrades or obstructs, or repeatedly interrupts, the use or functioning of radio apparatus or radio-sensitive equipment.
- 2.3 ISED should be advised when potential conflicts between radio systems cannot be resolved by the parties concerned. After consultation with these parties, ISED will

determine what modifications need to be made and establish a schedule for these modifications in order to resolve the conflicts.

- 2.4 ISED reserves the right to limit protection to licensed radio receivers, only to the extent of the bandwidth of the transmitters whose emissions they are licensed to receive and up to the limits of the channel assigned. Systems should have appropriate receiver selectivity characteristics or filters to reject interference from signals on spectrum outside of their assigned channel. See Guidelines *GL-09, Guidelines on External Filtering for Land Mobile Radio Systems*, for additional details.
- 2.5 New and amendment licence applications will require the submission of administrative, operational and technical information to ISED. Licence applications can be made on the Radiocommunication Licensing Services webpage under the "Apply for a Licence" section. For additional guidance, see Radio Standards Procedure *RSP-101, Licence Application Submission Procedure for Planned Radio Stations Below 960 MHz*. Upon request from ISED, applicants and licensees shall provide additional information of their radio systems, such as technical parameters.
- 2.6 The arrangements for non-standard systems are outlined in Spectrum Utilization Policy *SP Gen, General Information Related to Spectrum Utilization and Radio Systems Policies*. Radio systems conforming to the requirements contained in this SRSP will take priority in licensing and coordination over non-standard systems proposed for operation in the 138-144 MHz and 148-174 MHz frequency bands, subject to the terms and conditions of SP Gen. Modification of a non-standard system will not be required except where this system blocks the entry of standard systems into these frequency bands.
- 2.7 Existing systems operating in the bands 138-144 MHz and 148-174 MHz which were licensed as standard prior to the issuance of this SRSP may continue to operate as standard. Extension or expansion of these systems will be considered by ISED's district offices on a case-by-case basis. New systems deployed in these frequency bands shall conform to the requirements of this SRSP.
- ~~2.1 The Redeployment Plan will take place in two phases, requiring a transition to more spectrum-efficient land mobile equipment, which frees-up mobile spectrum in areas of Intensive Mobile Use where additional mobile users cannot be accommodated. In Phase I, equipment must be capable of using less than 15 kHz bandwidth per voice channel in a 15 kHz channel spacing, and in Phase II, equipment must be capable of using less than 7.5 kHz bandwidth per voice channel in a 7.5 kHz channel spacing.~~
- ~~2.2 Although they are included in this SRSP and in the Redeployment Plan, the bands 156.025 – 157.425 MHz and 161.6 – 162.025 MHz designated for Maritime Mobile Service and the band 160.170 – 161.580 MHz assigned to the railways are not subject to the terms and conditions of this SRSP. The Maritime Mobile Service has priority in its designated bands and the railways have exclusive use in the assigned band, as per the Railway Association of Canada's (RAC) spectrum licence. However, outside of the Maritime Mobile Service and the RAC's geographical areas of operation, channels are~~

~~available for assignment to land mobile services as specified in this SRSP and the provisions of the Redeployment Plan.~~

- 2.8 The bands 156.000-157.450 MHz, 160.600-160.850 MHz and 161.575-162.050 MHz are designated for the maritime mobile service. Although these bands are included in this SRSP, their use by the maritime mobile service is not subject to the terms and conditions of this SRSP. Near navigable waterways, the maritime mobile service has priority in its designated bands and no new land mobile and fixed assignments may be made. Outside of the maritime mobile service's areas of operation, frequencies may be available for assignment to land mobile and fixed systems, in accordance with the conditions contained in the *Canadian Table of Frequency Allocations* and the provisions of this SRSP, provided that the maritime mobile service is protected within its areas of operation.
- 2.9 The band 160.170-161.580 MHz is designated for the operation of rail transportation systems, by means of a spectrum licence issued to the Railway Association of Canada (RAC). The use of this band by the RAC is subject to all provisions of this SRSP, with the exception of the channeling plans outlined in section 5. The railways have exclusive use in their assigned band, as per the RAC's spectrum licence, within the geographical area consisting of a corridor bounded by 70 km on each side of railway lines. Beyond this geographical area, railway frequencies may be available for assignment to land mobile and fixed systems in accordance with the provisions of this this SRSP provided that the railway service is protected within the railways' licensed geographical area of operation.
- 2.10 The frequencies [159.81 MHz, 159.93 MHz and/or 160.05 MHz] with channel widths of [15 kHz and 7.5 kHz] are available as simplex public safety interoperability channels. These channels are available for use in all areas and are to be used only for coordination of tactical communications between different public safety agencies or for other similar emergency communications. See Radio Systems Policy *RP-25, Policy Principles for Public Safety Radio Interoperability* for additional information.
- 2.11 At the time of issuance of this SRSP, the public safety interoperability channels identified in paragraph 2.10 are not yet available for interoperability on a nationwide basis due to the existence of incumbent licenses used for purposes other than interoperability. Existing radio systems on these channels which are not used for public safety interoperability may continue to operate and will not be declared non-standard. However, extension or expansion of such existing radio systems on these channels will not be permitted.

[Editor's Note: ISED would like to bring the RABC's attention to the two draft paragraphs above, and the potential introduction VHF channels for national public safety interoperability, for comments and feedback. Specifically, ISED would appreciate feedback from the RABC and from public safety agencies on; the need for designating VHF channels for public safety interoperability, appropriate interoperability technical

standards, if any, that ISED could require to support the adoption and use of these channels by public safety agencies for interoperability, conditions which ISED could introduce on the hierarchy of public safety agencies and eligibility for the use of these channels, and any other measures which ISED could introduced to ensure proper gradual adoption of this channel with minimal impact to existing assignments.]

2.12 The frequency 149.08 MHz with a channel width of 15 kHz is designated nationally as the Search and Rescue Interagency Frequency (SAR-IF). The use of SAR-IF is intended to facilitate interagency radiocommunications during search and rescue (SAR) operations. The terms and conditions under which public safety and SAR organizations are authorized to share the SAR-IF channel are outlined in *SAR-IF, The Search and Rescue Interagency Frequency*.

2.13 At select locations in Canada, the frequencies 162.400, 162.425, 162.450, 162.475, 162.500, 162.525 and 162.550 MHz with channel widths of 25 kHz are designated for use by, or on behalf of, Meteorological Services Canada for the transmission of weather information and various alerts intended for reception by the public, referred to as Weatheradio. Other types of land-mobile and fixed systems may be assigned on the band 162.3875-162.5625 MHz on the condition that they do not cause interference to Weatheradio systems.

~~2.3 The Department will provide protection to licensed radio receivers only to the extent of the bandwidth of the transmitters whose emissions they are receiving up to the limits of the channel assigned. Applicants should bear this in mind when selecting receivers and receiver filters.~~

3 Related Documents

3.1 The current issues of the following documents are applicable and are available on the Spectrum Management and Telecommunications website under Official publications.

~~Equipment and systems to be used in the bands covered by this document shall be in accordance with the currently adopted versions of the following Radio Standards Specifications, Procedures and Policy documents which can be found on the Spectrum Management and Telecommunications Web site at <http://www.ic.gc.ca/spectrum>, in *Official Publications*.~~

<u>CTFA</u>	<u><i>Canadian Table of Frequency Allocation</i></u>
<u>GL-04</u>	<u><i>Channel Loading Guidelines</i></u>
<u>GL-09</u>	<u><i>Guidelines on External Filtering for Land Mobile Radio Systems</i></u>
<u>RBR-2</u>	<u><i>Technical Requirements for the Operation of Mobile Stations in the Maritime Service</i></u>
<u>RIC-66</u>	<u><i>Addresses and Telephone Numbers of District Offices</i></u>
<u>RP-003</u>	<u><i>Policy Guidelines for Mobile Radio Trunked Systems</i></u>
<u>RP-004</u>	<u><i>Policy for the Licensing of Very Low Capacity Point to Point Links in the Band 30-890 MHz</i></u>

<u>RP-013</u>	<u><i>Spectrum Utilization Policy on the Use of Certain Public Correspondence Bands in Canada (GLMRS)</i></u>
<u>RP-25</u>	<u><i>Policy Principles for Public Safety Radio Interoperability</i></u>
<u>RP-Gen</u>	<u><i>General Spectrum Policy Principles and Other Information Related to Spectrum Utilization and Radio Systems Policies</i></u>
<u>RSP-100</u>	<u><i>Certification of Radio Apparatus and Broadcasting Equipment</i></u>
<u>RSP-101</u>	<u><i>Licence Application Submission Procedure for Planned Radio Stations Below 960 MHz</i></u>
<u>RSS-119</u>	<u><i>Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz</i></u>
<u>SAR-IF</u>	<u><i>The Search and Rescue Interagency Frequency</i></u>
<u>SP 30-896 MHz, Part I</u>	<u><i>Spectrum Allocation and Utilization in Certain Bands in the Range 30.01-896 MHz</i></u>
<u>SP 30-896 MHz, Part II</u>	<u><i>Spectrum Utilization Policy for the Mobile, Broadcasting and Amateur Services in the Frequency Range 30-896 MHz</i></u>
<u>SP Gen</u>	<u><i>General Information Related to Spectrum Utilization and Radio Systems Policies</i></u>
<u>TB-8</u>	<u><i>Compendium of Interoperability Voice/Data Channels That Can Be Used Nationwide in Canada and for Canada-United States Interoperability Operations</i></u>
<u>TRAA</u>	<u><i>Treaty Series 1962 No. 15 - Coordination and Use of Radio Frequencies Above 30 Mc/s</i></u> <u><i>Arrangement A - Arrangement between the Department of Transport and the Federal Communications Commission for the Exchange of Frequency Assignment Information and Engineering Comments on Proposed Assignments along the Canada-United States borders in certain bands above 30 Mc/s</i></u> <u><i>Arrangement D - Arrangement Between the Department of Transport and the Interdepartment Radio Advisory Committee for the Exchange of Frequency Assignment Information and Engineering Comments on Proposed Assignments Along the Canada-United States Borders in Certain Frequency Bands Above 30 Mc/s</i></u>

Acronyms

- [CTFA: Canadian Table of Frequency Allocations](#)
- [GL: Guidelines](#)
- [RBR: Regulation by Reference](#)
- [RIC: Radiocom Information Circular](#)
- [RP: Radio Systems Policy](#)
- [RSP: Radio Standards Procedure](#)
- [RSS: Radio Standards Specification](#)
- [SAR-IF: Search and Rescue Interagency Frequency](#)
- [SP: Spectrum Utilization Policy](#)

- TB: Technical Bulletin
- TRAA: Terrestrial Radiocommunication Agreements and Arrangements

~~Canadian Table of Frequency Allocations~~

~~Channel Loading Guidelines (GL-004)~~

~~Radiocommunication Information Circular 6 (RIC-6)~~, *Spectrum Consumption and the Rescinded 2007 Saturation Index Rescinded 2007*

~~Radiocommunication Information Circular 13 (RIC-13)~~, *Technical Requirements for the Operation of Mobile Stations in the Maritime Service*

~~Radio Standards Procedure 100 (RSP-100)~~, *Radio Equipment Certification Procedure*

~~Radio Standards Procedure 101 (RSP-101)~~, *Application Procedure for Planned Radio Stations Operating on Frequencies below 960 MHz*

~~Radio Standards Specification 119 (RSS-119)~~, *Land Mobile and Fixed Radio Transmitters and Receivers, 27.41 to 960 MHz*

~~Radio System Policy RP-Gen (RP-Gen)~~, *General Spectrum Policy Principles and Other Information Related to Spectrum Utilization and Radio System Policies*

~~Radio System Policy 003 (RP-003)~~, *Policy Guidelines for Mobile Radio Trunked Systems*

~~Radio System Policy 004 (RP-004)~~, *Policy for the Licensing of Very Low Capacity Point to Point Links in the Band 30-890 MHz*

~~Radio System Policy 013 (RP-013)~~, *Spectrum Utilization Policy on the Use of Certain Public Correspondence Bands in Canada*

~~Redeployment Plan 100-500 MHz (RDP 100-500 MHz)~~, *Redeployment Plan for Spectrum Efficient Land Mobile Equipment in the Frequency Range 100-500 MHz*

~~Spectrum Utilization Policy SP-Gen (SP-Gen)~~, *General Information Related to Spectrum Utilization and Radio Systems Policies*

~~Spectrum Utilization Policy SP 30-896 MHz, Part I (SP 30-896 MHz, Part I)~~, *Spectrum Allocation and Utilization in Certain Bands in the Range 30.01 – 896 MHz (Part I)*

~~Spectrum Utilization Policy SP 30-896 MHz, Part II (SP 30-896 MHz, Part II)~~, *Spectrum Utilization Policy for the Mobile, Broadcasting and Amateur Services in the Frequency Range 30-896 MHz (Part II)*

~~Terrestrial Radiocommunication Agreements and Arrangements (TRAA), Treaty Series 1962 No. 15 - Coordination and Use of Radio Frequencies, Exchange of Notes Between Canada and the United States of America~~

4 International Coordination

- 4.1 Usage of the band 138-144 MHz within the Canada-United States (US) border area is subject to the provisions of Arrangement D, Arrangement Between the Department of Transport and the Interdepartment Radio Advisory Committee for the Exchange of Frequency Assignment Information and Engineering Comments on Proposed Assignments Along the Canada-United States Borders in Certain Frequency Bands Above 30 Mc/s.
- 4.2 Usage of the band 148-174 MHz within the Canada-US border area is subject to the provisions of Arrangement A, Arrangement between the Department of Transport and the Federal Communications Commission for the Exchange of Frequency Assignment Information and Engineering Comments on Proposed Assignments along the Canada-United States borders in certain bands above 30 Mc/s, and Arrangement D, Arrangement Between the Department of Transport and the Interdepartment Radio Advisory Committee for the Exchange of Frequency Assignment Information and Engineering Comments on Proposed Assignments Along the Canada-United States Borders in Certain Frequency Bands Above 30 Mc/s.
- 4.3 In areas of the country which are within the Canada-U.S. coordination zone defined in these arrangements, frequency assignments according to the channeling plan outlined in this SRSP (see section 5) may not be feasible or practical due to current domestic and/or US assignments where a different transmitters and receivers offset is already established. In those cases, that offset should be kept.

[Editor's Note: ISED is in the process of reviewing the coordination of public safety interoperability channels in the VHF band along the Canada-United States border. Additional paragraphs may be added to this SRSP to outline any related requirements and conditions applicable for this band.]

45 Channeling PlanGeneral Guidelines

- 4.15.1 Frequency assignments shall be made in accordance with the channeling plan outlined in this section. Figure 1, Annex A, and the tables of Annex B.

- 5.2 For ~~Land and m~~Mobile Service and fixed assignments, channels shall be spaced 30 kHz ('A' channels), 15 kHz ('B' channels), or 7.5 kHz ('C' channels) apart as shown in Figure 1 below. The centre frequencies of the 'A', 'B' and 'C' channels shall be calculated as follows:
- , centred on the frequencies as illustrated and listed in Figure 1 Annex A, and will be assigned according to the required bandwidth of the system. Note that the 30 kHz-spaced 'A' channels, with channels interstitially-spaced, represent the channel

~~arrangement before Phase 1. The 15 kHz-spaced 'B' channels will be used during Phase 1 of the redeployment activities and the 7.5 kHz-spaced 'C' channels will be used during Phase 2 of redeployment.~~

~~4.2 Systems that employ a different channelization from what is described above may be considered and authorized on a case-by-case basis if they result in equivalent spectrum efficiency and comply with the technical requirements for the bands covered by this SRSP.~~

~~4.3 The centre frequencies of the 'A', 'B', and 'C' channels contained in Annex B can be calculated as follows for channel numbers (n) as shown:~~

138-144 MHz	$A_n = 138 + 0.015 + 0.030 \times (n - 1) \text{ MHz}$	for $1 \leq n \leq 200$
	$B_n = 138 + 0.015 + 0.015 \times (n - 1) \text{ MHz}$	for $1 \leq n \leq 399$
	$C_n = 138 + 0.0075 + 0.0075 \times (n - 1) \text{ MHz}$	for $1 \leq n \leq 799$
148-149.9 MHz	$A_n = 148 + 0.015 + 0.030 \times (n - 201) \text{ MHz}$	for $201 \leq n \leq 263$
	$B_n = 148 + 0.015 + 0.015 \times (n - 400) \text{ MHz}$	for $400 \leq n \leq 525$
	$C_n = 148 + 0.0075 + 0.0075 \times (n - 800) \text{ MHz}$	for $800 \leq n \leq 1051$
150.05-154.605 MHz	$A_n = 150.05 + 0.015 + 0.030 \times (n - 264) \text{ MHz}$	for $264 \leq n \leq 415$
	$B_n = 150.05 + 0.015 + 0.015 \times (n - 526) \text{ MHz}$	for $526 \leq n \leq 828$
	$C_n = 150.05 + 0.0075 + 0.0075 \times (n - 1053) \text{ MHz}$	for $1053 \leq n \leq 1659$
154.605-174 MHz	$A_n = 154.605 + 0.015 + 0.030 \times (n - 416) \text{ MHz}$	for $416 \leq n \leq 1061$
	$B_n = 154.605 + 0.015 + 0.015 \times (n - 829) \text{ MHz}$	for $829 \leq n \leq 2120$
	$C_n = 154.605 + 0.0075 + 0.0075 \times (n - 1660) \text{ MHz}$	for $1660 \leq n \leq 4244$

Note: The channel center frequency sequence does not increment continuously, with:

- An interruption in the 144-148 MHz band due to its allocation to the amateur service
- An interruption in the 149.9-150.05 MHz band due to its allocation to the mobile-satellite service
- An overlap between channels A_{415} and A_{416} from 154.605 to 154.610 MHz
- An interruption between channels B_{828} and B_{829} from 154.6025 to 154.6125 MHz
- An interruption between channels C_{1659} and C_{1660} from 154.60625 to 154.60875 MHz

Note: Channel C_{1052} is undefined and is not available for assignment due to an overlap with the 149.9-150.05 MHz band allocated to the mobile-satellite service.

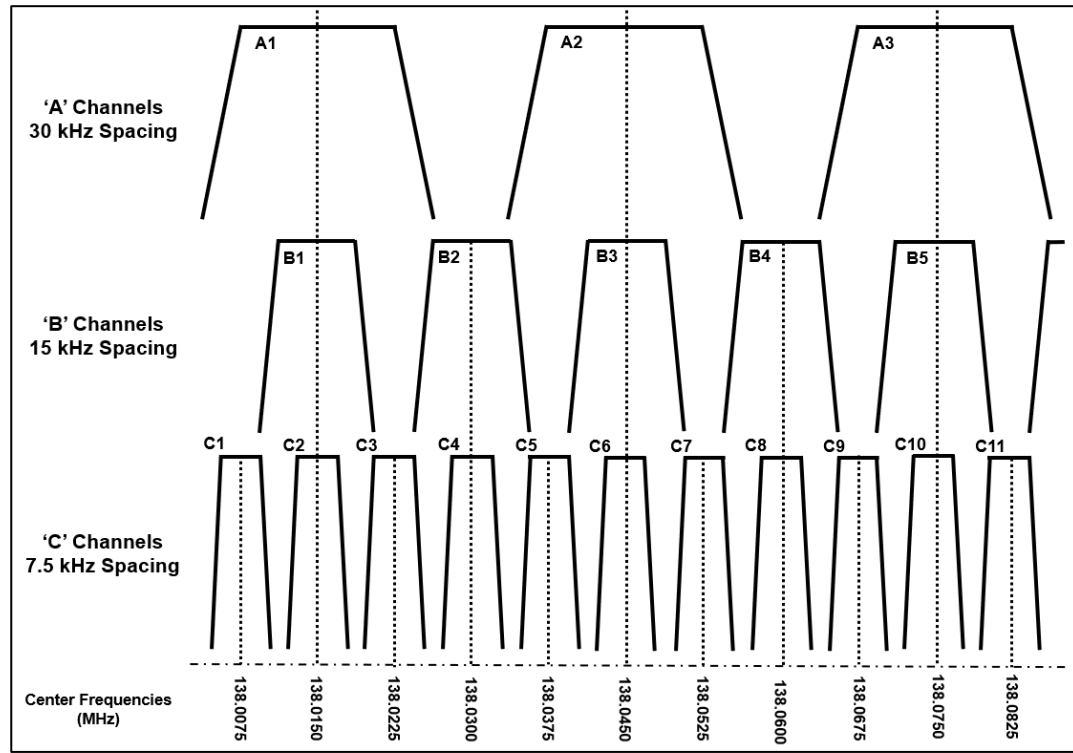


Figure 1 – Example 'A', 'B' and 'C' Channels

5.3 Channels will be assigned according to the required bandwidth of the system. Systems shall meet a spectrum efficiency requirement of the equivalent of at least one voice channel in a 15 kHz channel spacing. Systems are encouraged, when possible, to meet a spectrum efficiency requirement of the equivalent of at least one voice channel in a 7.5 kHz channel spacing.

[Editor's Note: ISED would appreciate feedback from the RABC on the current state of the land-mobile market and the ability of existing land-mobile ecosystems to operate with a spectrum efficiency of at least one voice channel in a 7.5 kHz channel spacing.]

5.4 The suballocation channeling plan detailed in Annex A and depicted in Figure 2, Figure 3 and Figure 4 organizes the 'A', 'B' and 'C' channels into frequency blocks designated for simplex or duplex operation.

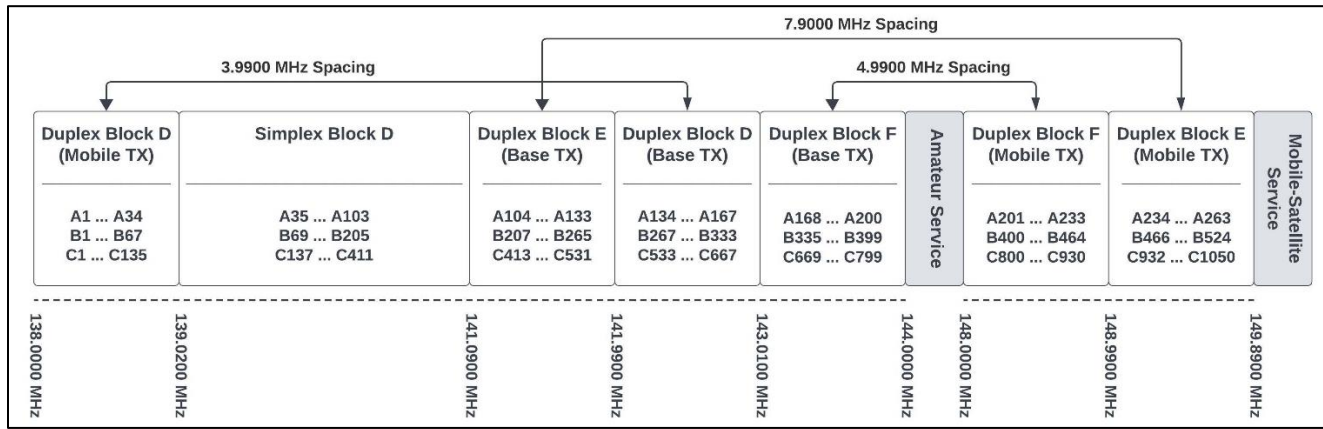


Figure 2 – Suballocation Channeling Plan from 138 MHz to 149.89 MHz

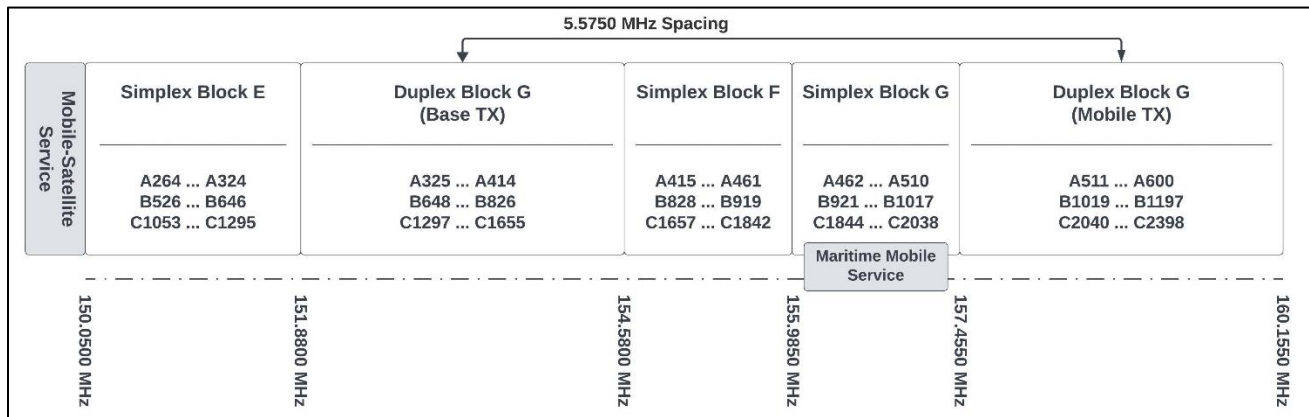


Figure 3 – Suballocation Channeling Plan from 150.05 MHz to 160.155 MHz

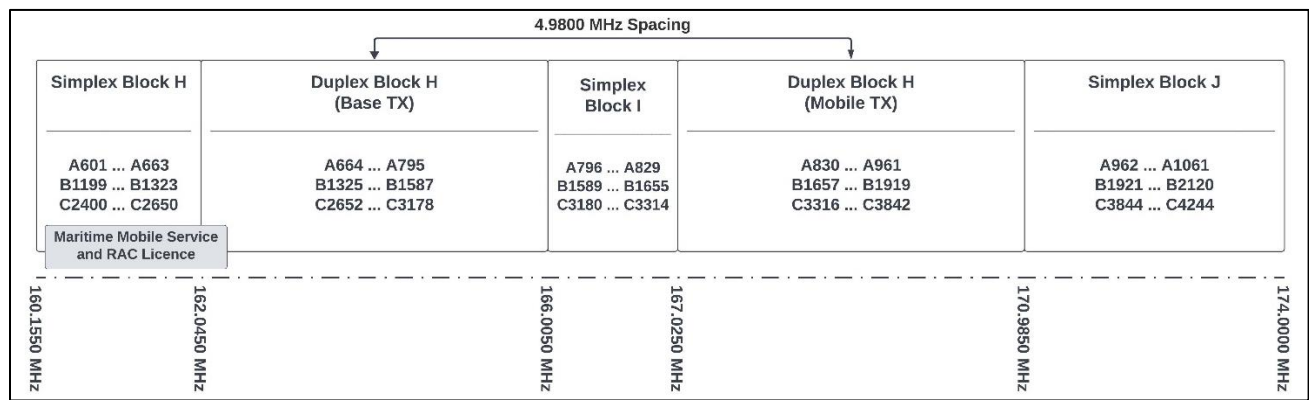


Figure 4 – Suballocation Channeling Plan from 160.155 MHz to 174 MHz

5.5 Duplex radio systems requiring a different TX/RX spacing between the base station transmit frequency and the mobile station transmit frequency than the one prescribed in this SRSP (see Annex A) may be authorized, at the discretion of ISD's district offices, provided that the assignments fall within the base transmit and mobile transmit block pairings specified in this SRSP.

4.45.6 The following 'B' and 'C' frequency channels in series B and C in Table 1 ~~Table 1~~ below should be located at frequency block edges and are thus not part of any one frequency block designated for simplex or duplex operation. These channels will be considered last for assignment, in order to preserve backward compatibility with the 30 kHz channelling plans; and any assignments on these channels will be made on a case-by-case basis at the discretion of ISED's district offices with proper consideration for the impact on the adjoining frequency blocks.

<u>Backward compatibility with the 30 kHz channelling plans</u> <u>Table 1 – List of 'B' and 'C' channels not identified to any simplex or duplex block</u>		
<u>Band-Frequency Block Edge (MHz)</u>	<u>Series 'B' Channels</u>	<u>Series 'C' Channels</u>
139.02 <u>00</u>	B68	C136
141.09 <u>00</u>	B206	C412
141.99 <u>00</u>	B266	C532
143.01 <u>00</u>	B334	C668
148.99 <u>00</u>	B465	C931
<u>149.8900</u>	<u>B525</u>	<u>C1051</u>
<u>151.05</u>	<u>N/A</u>	<u>C1052</u>
151.88 <u>00</u>	B647	C1296
154.58 <u>00</u>	B827	C1656
<u>155.9850</u>	<u>B920</u>	<u>C1843</u>
157.45 <u>50</u>	B1018	C2039
<u>160.1550</u>	<u>B1198</u>	<u>C2399</u>
<u>162.0450</u>	<u>B1324</u>	<u>C2651</u>
166.00 <u>50</u>	B1588	C3179
167.02 <u>50</u>	B1656	C3315
170.98 <u>50</u>	B1920	C3843

Note: If needed, the following channels can be paired for duplex operation:

- B68 and C136 paired with B334 and C668, respectively
- B266 and C532 paired with B525 and C1051, respectively
- B827 and C1656 paired with B1198 and C2399, respectively
- B1588 and C3179 paired with B1920 and C3843, respectively

Note: Channels B1018, B1324 and C2651 overlap with the frequency bands designated for the maritime mobile service. Assignments on these channels are subject to the conditions outlined in paragraph 2.8.

Spectrum Availability and Suballocation Plans

5.1 Sharing Arrangements Along the Canada/United States Border

~~5.1.1 In order to meet the requirements of the radio services in both Canada and the United States, the Administrations have established arrangements for the exchange of frequency assignment information and engineering comments of proposed assignments along the Canada/United States borders. The coordination areas are illustrated in Figure 6. The coordination and use of the frequency band 138 – 144 MHz is governed by Arrangement D, while the coordination and use of the frequency band 148 – 174 MHz is governed by Arrangements A and D. Outside the border areas, there are no restrictions on either country except when a possibility exists that assignments outside the border areas may result in harmful interference to the radio services of the other country. In this case a special coordination process will be initiated.~~

~~5.1.2 The suballocation plans in the various frequency bands, as shown in Figures 2 to 5 Annex A, consist of blocks of channels designated for simplex and duplex operation, and act as a guide for the selection and assignment of frequencies. In those areas of the country which are adjacent to the United States and within the Canada/U.S. coordination zone, frequency assignment according to the suballocation plans may not be feasible or practical due to current domestic or U.S. assignments where existing transmitters and receivers offset is established. In those cases that offset should be kept.~~

5.2 Suballocation Channelling Plan for the Bands 138.0000 – 144.0000 MHz and 148.0000 – 151.8800 MHz

~~5.2.1 Figure 2 illustrates the suballocation plan for the assignment of frequencies in this band.~~

~~5.2.2 For Duplex Pair 'D', the base transmit frequency is in the upper block 141.9900-143.0100 MHz and the mobile transmit frequency is in the lower block 138.0000-139.0200 MHz. The TX/RX split is 3.99 MHz. The base transmit frequency (B_{tx}) is selected as the first available frequency, starting at 141.9975 MHz for 'C' channels and 142.0500 MHz for 'A' and 'B' channels, and the mobile transmit frequency (M_{tx}) can be determined as follows: $M_{tx} = (B_{tx} - 3.99)$ MHz~~

~~5.2.3 For Simplex Block 'D' 139.0200-141.0900 MHz, the first available frequency is 139.0275 MHz for 'C' channels and 139.0350 MHz for 'A' and 'B' channels.~~

~~5.2.4 For Duplex Pair 'E', the base transmit frequency is in the lower block 141.0900-141.9900 MHz and the mobile transmit frequency is in the upper block 148.9900-149.8900 MHz. The TX/RX split is 7.9 MHz. The base transmit frequency (B_{tx}) is selected as the first available frequency, starting at 141.0975 MHz for 'C' channels and 141.1050 MHz for 'A' and 'B' channels, and the mobile transmit frequency (M_{tx}) can be determined as follows: $M_{tx} = (B_{tx} + 7.9)$ MHz~~

~~5.2.5 For Simplex Block 'E' 150.0500-151.8800 MHz, the first available frequency is 150.0575 MHz for 'C' channels and 150.0650 MHz for 'A' and 'B' channels.~~

~~5.2.6 For Duplex Pair 'F', the base transmit frequency is in the lower block 143.0100-144.0000 MHz and the mobile transmit frequency is in the upper block 148.0000-148.9900 MHz. The TX/RX split is 4.99 MHz. The base transmit frequency (B_{tx}) is selected as the first available frequency, starting at 143.0175 MHz for 'C' channels and 143.0250 MHz for 'A' and 'B' channels, and the mobile transmit frequency (M_{tx}) can be determined as follows: $M_{tx} = (B_{tx} + 4.99)$ MHz~~

~~5.3 Suballocation Channelling Plan for the Band 151.8800 – 160.1700 MHz~~

~~5.3.1 Figure 3 illustrates the suballocation plan for the assignment of frequencies in this band.~~

~~5.3.2 For Duplex Pair 'G', the base transmit frequency is in the lower block 151.8800-154.5800 MHz and the mobile transmit frequency is in the upper block 157.4550-160.1550 MHz. The TX/RX split is 5.575 MHz. The base transmit frequency (B_{tx}) is selected as the first available frequency, starting at 151.8875 MHz for 'C' channels, 151.8950 MHz for 'A' and 'B' channels, and the mobile transmit frequency (M_{tx}) can be determined as follows: $M_{tx} = (B_{tx} + 5.575)$ MHz~~

~~5.3.3 For Simplex Block 'F' 154.5800-156.0000 MHz, the first available frequency is 154.5875 MHz for 'C' channels and 154.5950 MHz for 'A' and 'B' channels.~~

~~5.3.4 Near navigable waterways, frequencies in the band 156.0000-157.4500 MHz are assigned on a preferred basis to stations of the maritime mobile service. However, land mobile assignments may be made in this band according to the conditions contained in the *Canadian Table of Frequency Allocations* and in accordance with the provisions of this SRSP.~~

~~5.3.5 For Simplex Block 'G' 156.0000-157.4500 MHz, the first available frequency is 156.0075 MHz for 'C' channels and 156.0150 MHz for 'A' and 'B' channels.~~

~~5.4 Suballocation Channelling Plan for the Band 160.1700 – 162.0500 MHz~~

~~5.4.1 Figure 4 illustrates the suballocation plan for the assignment of frequencies in these bands.~~

~~5.4.2 Frequencies in the band 160.1700 – 161.5800 MHz, are assigned by means of a spectrum licence to the Railway Association of Canada, on an exclusive basis within the geographical area, consisting of a corridor bounded 70 km on each side of railway lines. However, beyond this geographical area, railway frequencies may be available for assignment to land mobile services according to this SRSP provided that the railway service is protected within the railways' geographical area of operation.~~

~~5.4.3 Near navigable waterways, frequencies in the band 161.5800 – 162.0500 MHz are assigned on a preferred basis to stations of the maritime mobile service. However, land mobile assignments may be made in this band according to the conditions contained in the *Canadian Table of Frequency Allocations* and in accordance with the provisions of this SRSP.~~

~~5.4.4 For Simplex Block 'H' 160.1700-162.0500 MHz, the first available frequency is 160.1775 MHz for 'C' channels and 160.1850 MHz for 'A' and 'B' channels.~~

~~5.5 Suballocation Channelling Plan for the Band 162.0500 – 174.0000 MHz¹~~

~~5.5.1 Figure 5 illustrates the suballocation plan for the assignment of frequencies in this band.~~

~~5.5.2 For Duplex Pair 'H', the base transmit frequency is in the lower block 162.0500-166.0050 MHz and the mobile transmit frequency is in the upper block 167.0250-170.9850 MHz. The TX/RX split is 4.98 MHz. The base transmit frequency (B_{tx}) is selected as the first available frequency, starting at 162.0600 for 'A', 'B' and 'C' channels, and the mobile transmit frequency (M_{tx}) can be determined as follows: $M_{tx} = (B_{tx} + 4.98)$ MHz~~

~~5.5.3 For Simplex Block 'I' 166.0500-167.0250 MHz, the first available frequency is 166.0125 MHz for 'C' channels and 166.0200 MHz for 'A' and 'B' channels.~~

~~5.5.4 For Simplex Block 'J' 170.9850-174.0000 MHz, the first available frequency is 170.9925 MHz for 'C' channels and 171.0000 MHz for 'A' and 'B' channels.~~

~~5.6 Regions will endeavour to select channels with the same duplex pairing. Notwithstanding the channel splits described in the sections above, different channel TX/RX spacings can be authorized upon regional consideration provided that the TX/RX assignments fall within TX/RX designations.~~

~~5.7 Blocks designated for simplex operation may be assigned for duplex operation where conditions warrant. Blocks designated for duplex operation may be assigned for simplex operation where conditions warrant.~~

~~56 Channel Sharing and Loading Guidelines~~Technical Considerations

~~6.1 Channel Sharing~~

~~5.46.1~~ Section 40 of the Radiocommunication Regulations states: “The assignment of a frequency or frequencies to a holder of a radio authorization does not confer a

¹ ~~The Department is in discussion with Meteorological Services of Canada to allocate the frequencies 162.400, 162.475, and 162.550 MHz with a channel width of 25 kHz to be used by, or on behalf of Meteorological Services of Canada for the transmission of weather information and various alerts intended for reception by the public.~~

monopoly on the use of the frequency or frequencies, nor shall a radio authorization be construed as conferring any right of continuing tenure in respect of ~~such the~~ frequency or frequencies^{'''}.

6.2 Loading Guidelines

~~5.26.2~~ Normally, ~~the Department ISED~~ will apply the guidelines ~~specified~~~~found~~ in ~~Channel Loading Guidelines~~ GL-004, Channel Loading Guidelines in determining loading of communications channels, and thus, of radio channels. ~~6.2.2~~ In the frequency assignment process, these guidelines may be utilized in conjunction with current observed channel occupancy data (obtained with automatic occupancy measuring equipment) to determine whether additional channels are required. Such observations ~~will~~may also be used to assess the general loading criteria and the inherent trade-off between sound spectrum management and acceptable grades of service. ~~6.2.3~~ ~~The Department ISED~~ is using this approach to make frequency assignments, but may also take into account other considerations when ~~determining~~assessing the number of radio channels to be assigned to a system. ~~As such,~~ Applicants ~~should~~are encouraged to provide as much traffic~~-~~related data as possible with their application.

7 Technical Criteria

5.37.1 Radiated Power Limits for Land Mobile Systems

~~5.3.17.1.1~~ ~~Normally,~~ ~~t~~ The maximum power for base stations shall be 125 watts ~~e~~Effective ~~r~~Radiated ~~p~~Power (~~e.r.p.~~ERP) and the maximum power for mobile stations shall be 30 watts ~~e.r.p.~~ERP ~~for mobile stations~~. However, in all cases, the ~~ERP~~e.r.p. shall be limited to that which is necessary to providing a balanced radio system (mobile talk-back capability) over the desired service area or at the required level of service, as governed by system requirements.

5.47.2 Radiated Power Limits and Antenna Requirements for Fixed Point-to-Point Systems

7.2.1 Unless otherwise justified, fixed point-to-point systems ~~shall~~must use directional antennas with a minimum gain of 9 dB with respect to a half wave dipole. Horizontally polarized antennas ~~shall~~must be used in all cases unless operational requirements justify vertical polarization.

~~5.4.17.2.2~~ The maximum ~~e.r.p.~~Effective Radiated Power (ERP) shall be limited to that which is required to achieve system reliability requirements and shall not exceed 125 watts.

5.57.3 Co-channel Separation

~~5.5.17.3.1~~ ~~Normally, in urban areas and areas of intensive mobile use,~~ I the geographic separation between co-channel base stations will be calculated based on a non-overlap of the 34 dBµV/m protected contour of the existing station and the 17 dBµV/m interference contour of the proposed station.

~~5.5.27.3.2~~ For Public Safety systems, a carrier to interference ratio (C/I) of 20 dB will be used to calculate the interference contour of the new station. The protected contour of the existing public safety base station will remain at 34 dBµV/m but the interference contour of the new station will be at 14 dBµV/m.

~~5.5.37.3.3~~ The protected contour of the existing station is calculated based on a probability of service of 50% of the time for 50% of the locations at the edge of the contour.

~~5.5.47.3.4~~ The interference contour is calculated using the probability that the interfering signal level used is not exceeded more than 10% of the time (i.e. 90% of the time it is below the threshold) for 50% of the locations.

~~5.5.57.3.5~~ It is recognized that coverage requirements are a function of operational characteristics and the technology deployed. ~~The Department ISED~~ may accept the use of a different methodology to evaluate separation between co-channel base stations, on a case-by-case basis and at the discretion of ISED's district offices.

~~5.5.67.3.6~~ Applicants are invited to include adequate technical details in support of their proposed wireless networks to allow a compatibility analysis with existing and future assignments. These details should include, but are not limited to; the required service area, the predicted radio coverage, and the design parameters used, including the minimum C/I ratio. ~~These a~~Analyses should be prepared using terrain based models.

~~5.5.7~~ ~~These details should include, but not be limited to, the required service area, the predicted radio coverage, and the design parameters used including the minimum carrier to interference (C/I) ratio.~~

Annex A. Suballocation Channeling Plan

This annex and its subsections describe the suballocation channeling plan, for the assignment of frequencies in the bands 138-144 MHz and 148-174 MHz, which organizes ‘A’ (30 kHz spaced), ‘B’ (15 kHz spaced) and ‘C’ (7.5 kHz spaced) channels into frequency blocks designated for simplex or for duplex operation.

[Editor’s Note: The channeling plan described in this annex below includes the following changes from the channeling plan outlined in issue 1 of SRSP-500:

- Simplex Block F refers to the band 154.5800-**155.9850** MHz instead of 154.5800-**156.0000** MHz
- Channels **B920** and **C1843**, previously part of Simplex Block F, are no longer considered part of any simplex or duplex block and included in Table 1 of section 5
- Channel **C1844** is no longer part of Simplex Block F and is instead part of Simplex Block G
- Simplex Block G refers to the band **155.9850-157.4550** MHz instead of **156.0000-157.4500** MHz
- Simplex Block H refers to the band **160.1550-162.0450** MHz instead of **160.1700-162.0500** MHz
- Channels **B1324** and **C2651**, previously part of Simplex Block H, are no longer considered part of any simplex or duplex block and included in Table 1 of section 5
- The lower portion of Duplex Block H refers to the band **162.0450-166.0050** instead of **162.0500-166.0050**

ISED is currently in the process of reviewing whether these changes will be adopted, subject to ongoing checks with ISED’s licensing software]

A.1. Duplex Block D

Duplex Block D refers to the band 138.0000-139.0200 MHz (lower block) paired with the band 141.9900-143.0100 MHz (upper block), designated for duplex operation. The base station transmit frequencies (B_{Tx}) are in the upper block and the mobile station transmit frequencies (M_{Tx}) are in the lower block. The TX/RX spacing is 3.9900 MHz, i.e. a mobile transmit frequency can be determined as follows:

$$M_{Tx} = (B_{Tx} - 3.9900) \text{ MHz}$$

The ‘A’, ‘B’ and ‘C’ channels within Duplex Block D are shown in ~~Table 2~~ **Table 2** below.

<u>Channel series</u>	<u>Base station transmit channels</u>	<u>Mobile station transmit channels</u>	<u>Number of channel pairs</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₁₃₄ to A₁₆₇</u>	<u>A₁ to A₃₄</u>	<u>34</u>	<u>142.0050</u>
<u>B channels</u>	<u>B₂₆₇ to B₃₃₃</u>	<u>B₁ to B₆₇</u>	<u>67</u>	<u>142.0050</u>
<u>C channels</u>	<u>C₅₃₃ to C₆₆₇</u>	<u>C₁ to C₁₃₅</u>	<u>135</u>	<u>141.9975</u>

Table 2 – Channels within Duplex Block D

A.2. Simplex Block D

Simplex Block D refers to the band 139.0200-141.0900 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block D are shown in ~~Table 3~~ **Table 3** below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₃₅ to A₁₀₃</u>	<u>69</u>	<u>139.0350</u>
<u>B channels</u>	<u>B₆₉ to B₂₀₅</u>	<u>137</u>	<u>139.0350</u>
<u>C channels</u>	<u>C₁₃₇ to C₄₁₁</u>	<u>275</u>	<u>139.0275</u>

Table 3 – Channels within Simplex Block D

A.3. Duplex Block E

Duplex Block E refers to the band 141.0900-141.9900 MHz (lower block) paired with the band 148.9900-149.8900 MHz (upper block), designated for duplex operation. The base station transmit frequencies (B_{Tx}) are in the lower block and the mobile station transmit frequencies (M_{Tx}) are in the upper block. The TX/RX spacing is 7.9000 MHz, i.e. a mobile transmit frequency can be determined as follows:

$$M_{Tx} = (B_{Tx} + 7.9000) \text{ MHz}$$

The 'A', 'B' and 'C' channels within Duplex Block E are shown in ~~Table 4~~ **Table 4** below.

<u>Channel series</u>	<u>Base station transmit channels</u>	<u>Mobile station transmit channels</u>	<u>Number of Channel pairs</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₁₀₄ to A₁₃₃</u>	<u>A₂₃₄ to A₂₆₃</u>	<u>30</u>	<u>141.1050</u>
<u>B channels</u>	<u>B₂₀₇ to B₂₆₅</u>	<u>B₄₆₆ to B₅₂₄</u>	<u>59</u>	<u>141.1050</u>
<u>C channels</u>	<u>C₄₁₃ to C₅₃₁</u>	<u>C₉₃₂ to C₁₀₅₀</u>	<u>119</u>	<u>141.0975</u>

Table 4 – Channels within Duplex Block E

The center frequency 149.0800 MHz, and the corresponding channel B₄₇₁ within the upper block of Duplex Block E, is designated as the Search and Rescue Interagency Frequency (SAR-IF), as outlined in paragraph 2.12. In order to ensure the protection of search and rescue operations, overlapping and adjacent channels may not be available for assignment, at the discretion of ISED's district offices.

A.4. Duplex Block F

Duplex Block F refers to the band 143.0100-144.0000 MHz (lower block) paired with the band 148.0000-148.9900 MHz (upper block), designated for duplex operation. The base station transmit frequencies (B_{Tx}) are in the lower block and the mobile station transmit frequencies (M_{Tx}) are in the upper block. The TX/RX spacing is 4.9900 MHz, i.e. a mobile transmit frequency can be determined as follows:

$$M_{Tx} = (B_{Tx} + 4.9900) \text{ MHz}$$

The 'A', 'B' and 'C' channels within Duplex Block F are shown in Table 5 below.

<u>Channel series</u>	<u>Base station transmit channels</u>	<u>Mobile station transmit channels</u>	<u>Number of channel pairs</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₁₆₈ to A₂₀₀</u>	<u>A₂₀₁ to A₂₃₃</u>	<u>33</u>	<u>143.0250</u>
<u>B channels</u>	<u>B₃₃₅ to B₃₉₉</u>	<u>B₄₀₀ to B₄₆₄</u>	<u>65</u>	<u>143.0250</u>
<u>C channels</u>	<u>C₆₆₉ to C₇₉₉</u>	<u>C₈₀₀ to C₉₃₀</u>	<u>131</u>	<u>143.0175</u>

Table 5 – Channels within Duplex Block F

A.5. Simplex Block E

Simplex Block E refers to the band 150.0500-151.8800 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block E are shown in Table 6 below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₂₆₄ to A₃₂₄</u>	<u>61</u>	<u>150.0650</u>
<u>B channels</u>	<u>B₅₂₆ to B₆₄₆</u>	<u>121</u>	<u>150.0650</u>
<u>C channels</u>	<u>C₁₀₅₃ to C₁₂₉₅</u>	<u>243</u>	<u>150.0575</u>

Table 6 – Channels within Simplex Block E

A.6. Duplex Block G

Duplex Block G refers to the band 151.8800-154.5800 MHz (lower block) paired with the band 157.4550-160.1550 MHz (upper block), designated for duplex operation. The base station transmit frequencies (B_{Tx}) are in the lower block and the mobile station transmit frequencies (M_{Tx}) are in the upper block. The TX/RX spacing is 5.5750 MHz, i.e. a mobile transmit frequency can be determined as follows:

$$M_{Tx} = (B_{Tx} + 5.5750) \text{ MHz}$$

The 'A', 'B' and 'C' channels within Duplex Block G are shown in Table 7 below.

<u>Channel series</u>	<u>Base station transmit channels</u>	<u>Mobile station transmit channels</u>	<u>Number of channel pairs</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₃₂₅ to A₄₁₄</u>	<u>A₅₁₁ to A₆₀₀</u>	<u>90</u>	<u>151.8950</u>
<u>B channels</u>	<u>B₆₄₈ to B₈₂₆</u>	<u>B₁₀₁₉ to B₁₁₉₇</u>	<u>179</u>	<u>151.8950</u>
<u>C channels</u>	<u>C₁₂₉₇ to C₁₆₅₅</u>	<u>C₂₀₄₀ to C₂₃₉₈</u>	<u>359</u>	<u>151.8875</u>

Table 7 – Channels within Duplex Block G

[Editor's Note: If 159.81, 159.93 and/or 160.05 MHz is/are adopted for interoperability (paragraph 2.10): The center frequency [---159.81,159.93 and160.05 MHz] and the corresponding channels [B channels: B1175, B1183, B1191 or C channels: C2353, C2369, C2385]--- are intended for national interoperability by public safety agencies as outlined in paragraph 2.10. In order to ensure the protection of these operations, the frequency

[159.81, 159.93 and 160.05 MHz may not be available for assignment, at the discretion of ISED's district offices.]

A.7. Simplex Block F

Simplex Block F refers to the band 154.5800-155.9850 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block F are shown in ~~Table 8~~ below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₄₁₅ to A₄₆₁</u>	<u>47</u>	<u>154.5950</u>
<u>B channels</u>	<u>B₈₂₈ to B₉₁₉</u>	<u>92</u>	<u>154.5950</u>
<u>C channels</u>	<u>C₁₆₅₇ to C₁₈₄₂</u>	<u>186</u>	<u>154.5875</u>

Table 8 – Channels within Simplex Block F

A.8. Simplex Block G

Simplex Block G refers to the band 155.9850-157.4550 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block G are shown in ~~Table 9~~ below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₄₆₂ to A₅₁₀</u>	<u>49</u>	<u>156.0000</u>
<u>B channels</u>	<u>B₉₂₁ to B₁₀₁₇</u>	<u>97</u>	<u>156.0000</u>
<u>C channels</u>	<u>C₁₈₄₄ to C₂₀₃₈</u>	<u>195</u>	<u>155.9925</u>

Table 9 – Channels within Simplex Block G

The frequency band 156.0000-157.4500 MHz, designated for the maritime mobile service, overlaps with channels A₄₆₂ to A₅₁₀, B₉₂₁ to B₁₀₁₇ and C₁₈₄₅ to C₂₀₃₈ of Simplex Block G. Assignments on these channels are subject to the conditions outlined in paragraph 2.8.

A.9. Simplex Block H

Simplex Block H refers to the band 160.1550-162.0450 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block H are shown in ~~Table 10~~ below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₆₀₁ to A₆₆₃</u>	<u>63</u>	<u>160.1700</u>
<u>B channels</u>	<u>B₁₁₉₉ to B₁₃₂₃</u>	<u>125</u>	<u>160.1700</u>
<u>C channels</u>	<u>C₂₄₀₀ to C₂₆₅₀</u>	<u>251</u>	<u>160.1625</u>

Table 10 - Channels within Simplex Block H

The frequency band 160.1700-161.5800 MHz, assigned by means of a spectrum licence to the RAC, overlaps with channels A₆₀₁ to A₆₄₈, B₁₁₉₉ to B₁₂₉₃, and C₂₄₀₁ to C₂₅₈₉ of Simplex Block H. Assignments on these channels are subject to the conditions outlined in paragraph 2.9.

The frequency bands 160.6000-160.8500 MHz and 161.5750-162.0500 MHz, designated for the maritime mobile service, overlap with channels A₆₁₅ to A₆₂₄, A₆₄₈ to A₆₆₃, B₁₂₂₈ to B₁₂₄₄, B₁₂₉₃ to B₁₃₂₃, C₂₄₅₈ to C₂₄₉₂ and C₂₅₈₈ to C₂₆₅₀ of Simplex Block H. Assignments on these channels are subject to the conditions outlined in paragraph 2.8.

A.10. Duplex Block H

Duplex Block H refers to the band 162.0450-166.0050 MHz (lower block) paired with the band 167.0250-170.9850 MHz (upper block), designated for duplex operation. The base station transmit frequencies (B_{Tx}) are in the lower block and the mobile station transmit frequencies (M_{Tx}) are in the upper block. The TX/RX spacing is 4.9800 MHz, i.e. a mobile transmit frequency can be determined as follows:

$$M_{Tx} = (B_{Tx} + 4.9800) \text{ MHz}$$

The 'A', 'B' and 'C' channels within Duplex Block H are shown in ~~Table 11~~ *Table 11* below.

<u>Channel series</u>	<u>Base station transmit channels</u>	<u>Mobile station transmit channels</u>	<u>Number of channel pairs</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₆₆₄ to A₇₉₅</u>	<u>A₈₃₀ to A₉₆₁</u>	<u>132</u>	<u>162.0600</u>
<u>B channels</u>	<u>B₁₃₂₅ to B₁₅₈₇</u>	<u>B₁₆₅₇ to B₁₉₁₉</u>	<u>263</u>	<u>162.0600</u>
<u>C channels</u>	<u>C₂₆₅₂ to C₃₁₇₈</u>	<u>C₃₃₁₆ to C₃₈₄₂</u>	<u>527</u>	<u>162.0525</u>

Table 11 – Channels within Duplex Block H

The frequency band 161.5750-162.0500 MHz, designated for the maritime mobile service, overlaps with channels A₆₆₄ and C₂₆₅₂ of Duplex Block H. Assignments on these channels are subject to the conditions outlined in paragraph 2.8.

The frequency band 162.3875-162.5625, designated for Weatheradio systems, overlaps with channels A₆₁₅ to A₆₈₁, B₁₃₄₇ to B₁₃₅₈ and C₂₆₉₇ to C₂₇₂₀ of Duplex Block H. Assignments on these channels are subject to the conditions outlined in paragraph 2.12.

A.11. Simplex Block I

Simplex Block I refers to the band 166.0050-167.0250 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block I are shown in ~~Table 12~~ *Table 12* below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A channels</u>	<u>A₇₉₆ to A₈₂₉</u>	<u>34</u>	<u>166.0200</u>
<u>B channels</u>	<u>B₁₅₈₉ to B₁₆₅₅</u>	<u>67</u>	<u>166.0200</u>
<u>C channels</u>	<u>C₃₁₈₀ to C₃₃₁₄</u>	<u>135</u>	<u>166.0125</u>

Table 12 – Channels within Simplex Block I

A.12. Simplex Block J

Simplex Block J refers to the band 170.9850-174.0000 MHz, designated for simplex operation. The 'A', 'B' and 'C' channels within Simplex Block J are shown in Table 13 below.

<u>Channel series</u>	<u>Simplex channels</u>	<u>Number of simplex channels</u>	<u>First available B_{Tx} (MHz)</u>
<u>A Channels</u>	<u>A₉₆₂ to A₁₀₆₁</u>	<u>100</u>	<u>171.0000</u>
<u>B Channels</u>	<u>B₁₉₂₁ to B₂₁₂₀</u>	<u>200</u>	<u>171.0000</u>
<u>C Channels</u>	<u>C₃₈₄₄ to C₄₂₄₄</u>	<u>401</u>	<u>170.9925</u>

Table 13 – Channels within Simplex Block J

~~Annex A.~~ **Annex A**

Channeling Plan for 30, 15, and 7.5 kHz Spaced Channels

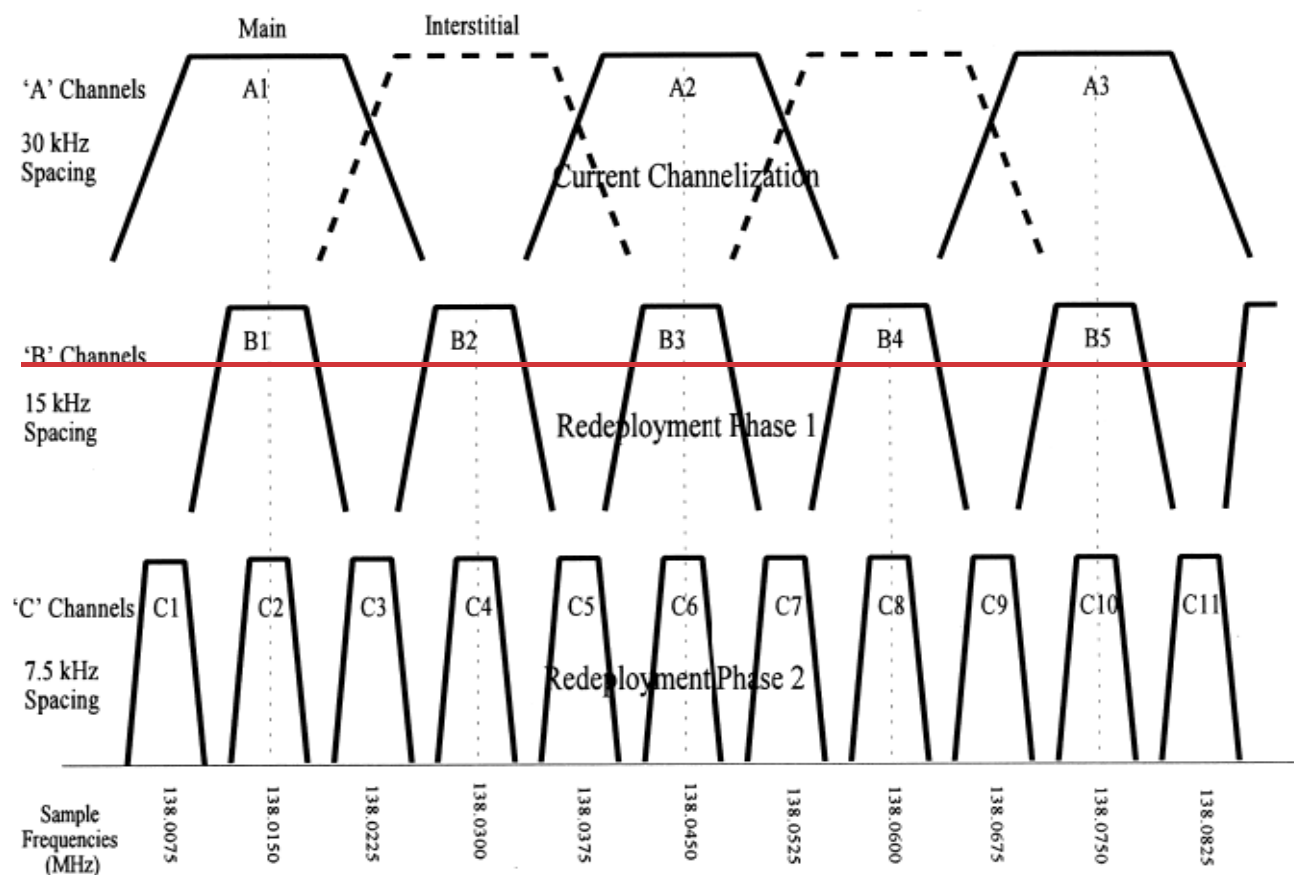


Figure 1

Annex A

Suballocation Plan for 138.0000 – 151.8800 MHz Band

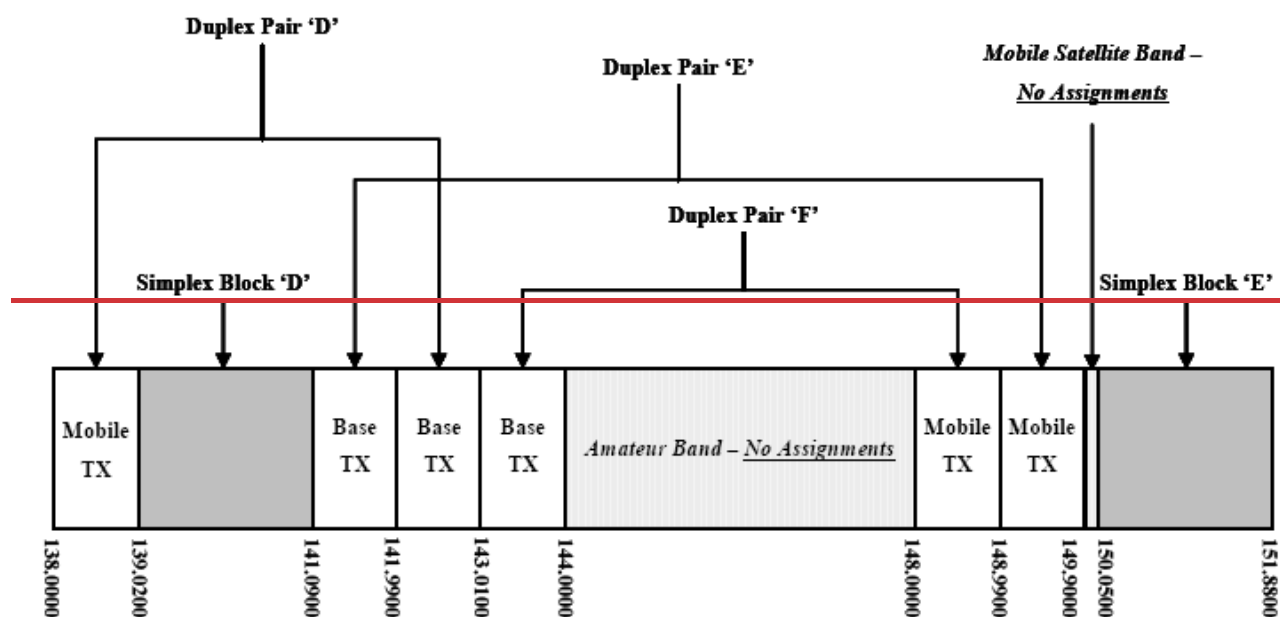


Figure 2

Note: See Paragraph 5.6 for different TX/RX spacings.

Annex A

Suballocation Plan for 151.8800 – 160.1700 MHz Band

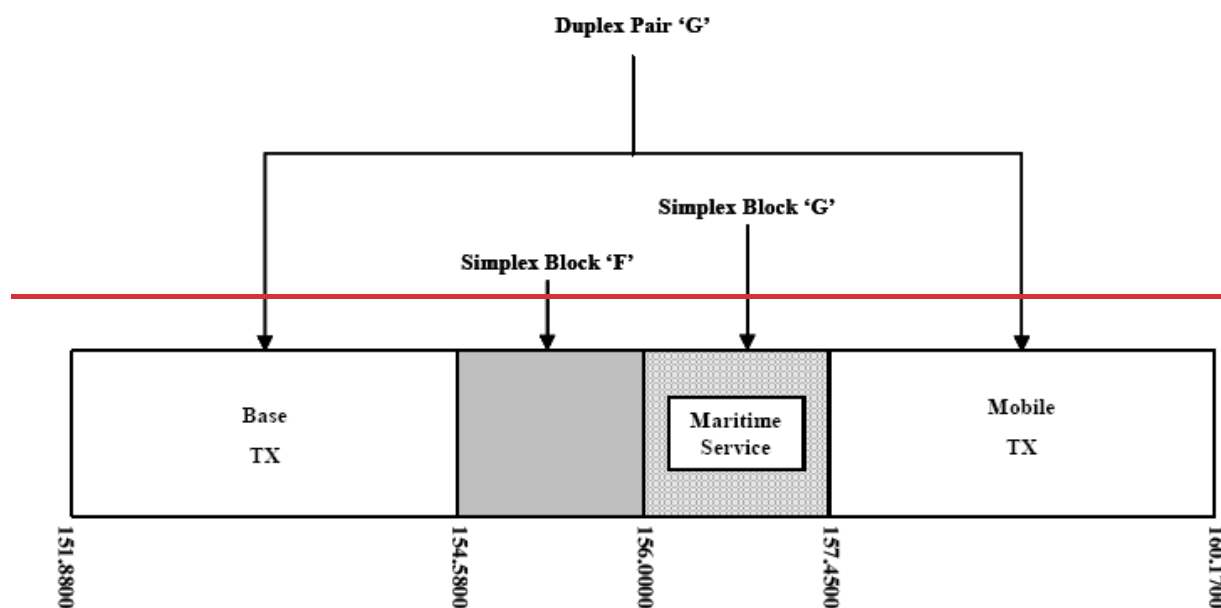


Figure 3

Note: See Paragraph 5.6 for different TX/RX spacings.

Annex A

Suballocation Plan for 161.1700 – 162.0500 MHz Band

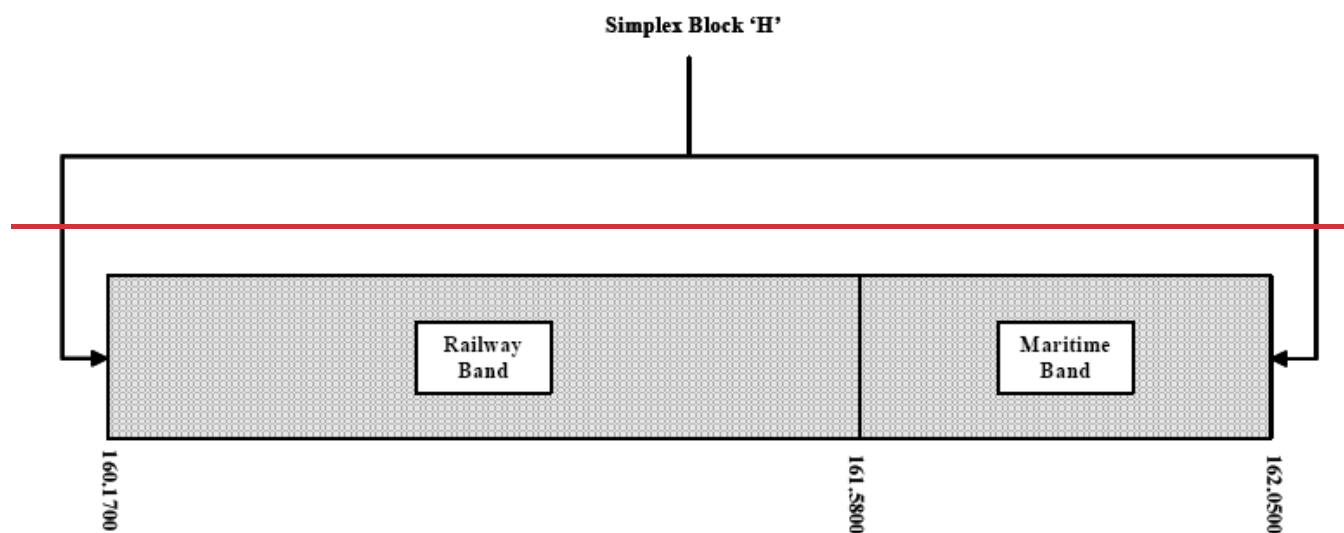


Figure 4

Annex A

Suballocation Plan for 162.0500 – 174.0000 MHz Band

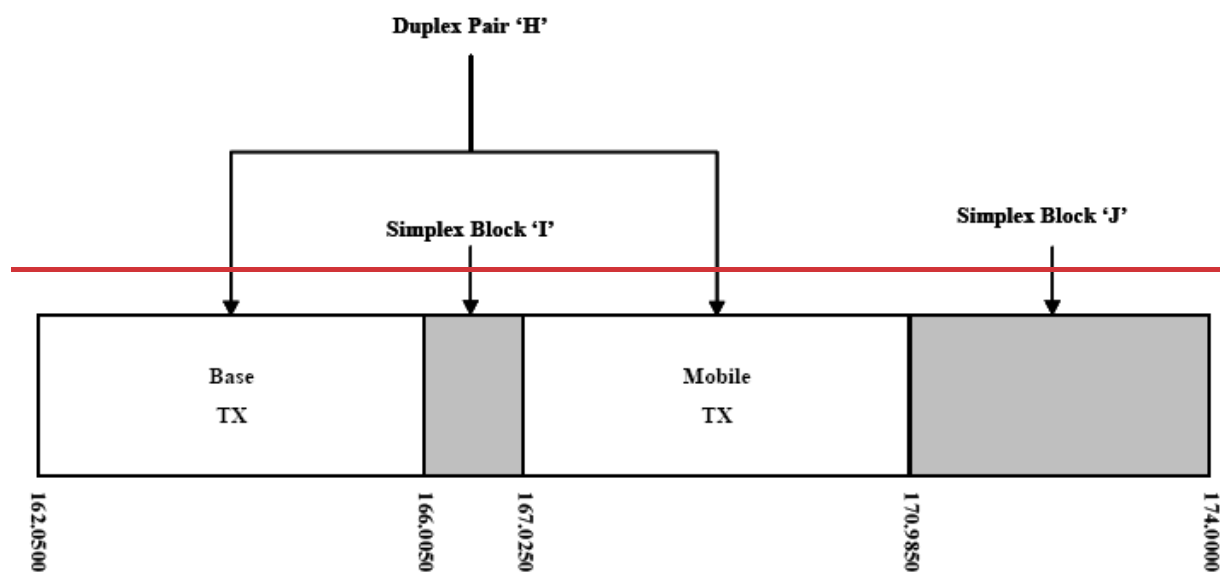
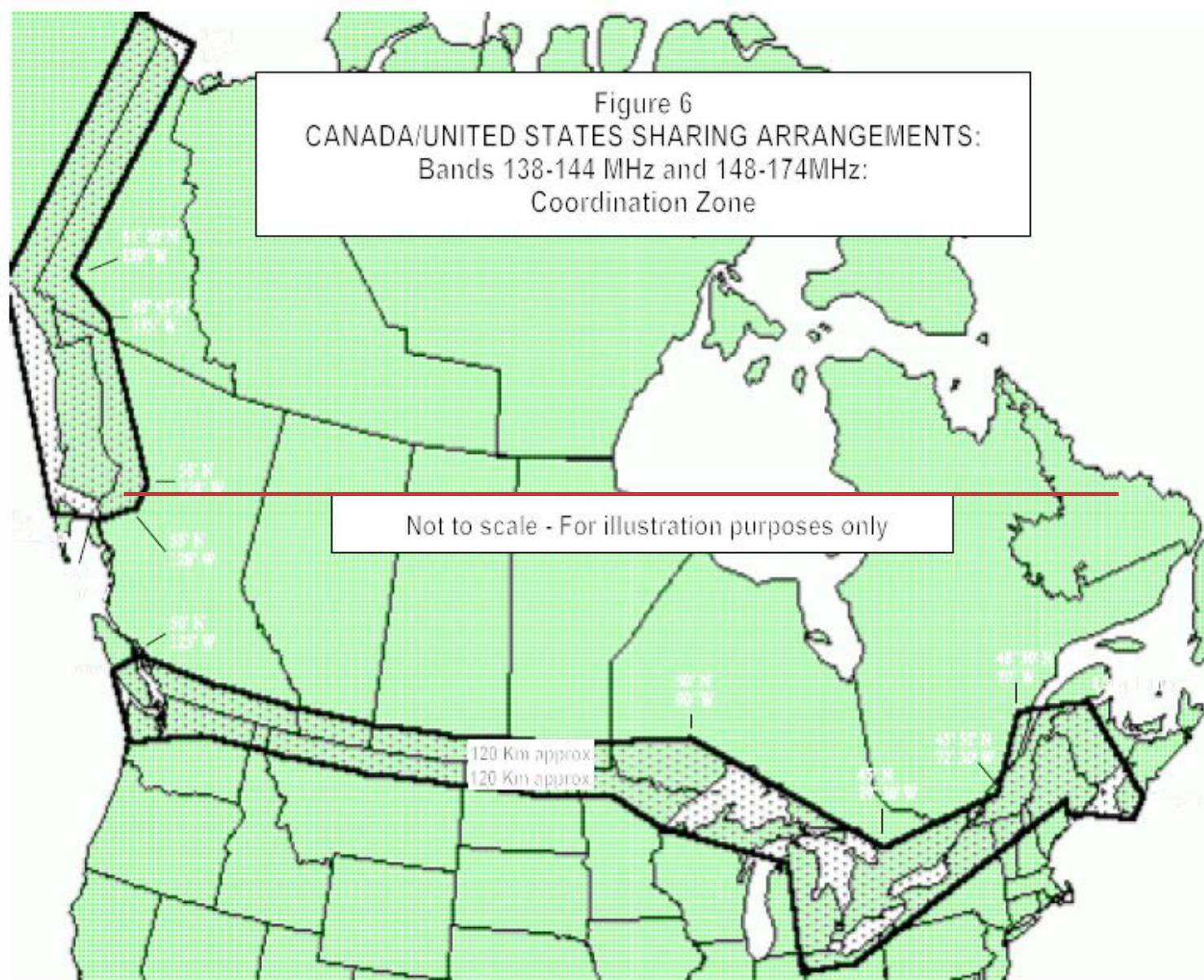


Figure 5

Note: See Paragraph 5.6 for different TX/RX spacings.

Annex A



Annex B. — Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C1	138.0075	A13	B25	C50	138.3750			C99	138.7425
A1	B1	C2	138.0150			C51	138.3825		B50	C100	138.7500
		C3	138.0225		B26	C52	138.3900			C101	138.7575
	B2	C4	138.0300			C53	138.3975	A26	B51	C102	138.7650
		C5	138.0375	A14	B27	C54	138.4050			C103	138.7725
A2	B3	C6	138.0450			C55	138.4125		B52	C104	138.7800
		C7	138.0525		B28	C56	138.4200			C105	138.7875
	B4	C8	138.0600			C57	138.4275	A27	B53	C106	138.7950
		C9	138.0675	A15	B29	C58	138.4350			C107	138.8025
A3	B5	C10	138.0750			C59	138.4425		B54	C108	138.8100
		C11	138.0825		B30	C60	138.4500			C109	138.8175
	B6	C12	138.0900			C61	138.4575	A28	B55	C110	138.8250
		C13	138.0975	A16	B31	C62	138.4650			C111	138.8325
A4	B7	C14	138.1050			C63	138.4725		B56	C112	138.8400
		C15	138.1125		B32	C64	138.4800			C113	138.8475
	B8	C16	138.1200			C65	138.4875	A29	B57	C114	138.8550
		C17	138.1275	A17	B33	C66	138.4950			C115	138.8625
A5	B9	C18	138.1350			C67	138.5025		B58	C116	138.8700
		C19	138.1425		B34	C68	138.5100			C117	138.8775
	B10	C20	138.1500			C69	138.5175	A30	B59	C118	138.8850
		C21	138.1575	A18	B35	C70	138.5250			C119	138.8925
A6	B11	C22	138.1650			C71	138.5325		B60	C120	138.9000
		C23	138.1725		B36	C72	138.5400			C121	138.9075
	B12	C24	138.1800			C73	138.5475	A31	B61	C122	138.9150
		C25	138.1875	A19	B37	C74	138.5550			C123	138.9225
A7	B13	C26	138.1950			C75	138.5625		B62	C124	138.9300
		C27	138.2025		B38	C76	138.5700			C125	138.9375
	B14	C28	138.2100			C77	138.5775	A32	B63	C126	138.9450
		C29	138.2175	A20	B39	C78	138.5850			C127	138.9525
A8	B15	C30	138.2250			C79	138.5925		B64	C128	138.9600
		C31	138.2325		B40	C80	138.6000			C129	138.9675
	B16	C32	138.2400			C81	138.6075	A33	B65	C130	138.9750
		C33	138.2475	A21	B41	C82	138.6150			C131	138.9825
A9	B17	C34	138.2550			C83	138.6225		B66	C132	138.9900
		C35	138.2625		B42	C84	138.6300			C133	138.9975
	B18	C36	138.2700			C85	138.6375	A34	B67	C134	139.0050
		C37	138.2775	A22	B43	C86	138.6450			C135	139.0125
A10	B19	C38	138.2850			C87	138.6525		B68	C136	139.0200
		C39	138.2925		B44	C88	138.6600			C137	139.0275
	B20	C40	138.3000			C89	138.6675	A35	B69	C138	139.0350
		C41	138.3075	A23	B45	C90	138.6750			C139	139.0425
A11	B21	C42	138.3150			C91	138.6825		B70	C140	139.0500
		C43	138.3225		B46	C92	138.6900			C141	139.0575
	B22	C44	138.3300			C93	138.6975	A36	B71	C142	139.0650
		C45	138.3375	A24	B47	C94	138.7050			C143	139.0725
A12	B23	C46	138.3450			C95	138.7125		B72	C144	139.0800
		C47	138.3525		B48	C96	138.7200			C145	139.0875
	B24	C48	138.3600			C97	138.7275	A37	B73	C146	139.0950
		C49	138.3675	A25	B49	C98	138.7350			C147	139.1025

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B74	C148	139.1100			C197	139.4775	A62	B123	C246	139.8450
		C149	139.1175	A50	B99	C198	139.4850			C247	139.8525
A38	B75	C150	139.1250			C199	139.4925		B124	C248	139.8600
		C151	139.1325		B100	C200	139.5000			C249	139.8675
	B76	C152	139.1400			C201	139.5075	A63	B125	C250	139.8750
		C153	139.1475	A51	B101	C202	139.5150			C251	139.8825
A39	B77	C154	139.1550			C203	139.5225		B126	C252	139.8900
		C155	139.1625		B102	C204	139.5300			C253	139.8975
	B78	C156	139.1700			C205	139.5375	A64	B127	C254	139.9050
		C157	139.1775	A52	B103	C206	139.5450			C255	139.9125
A40	B79	C158	139.1850			C207	139.5525		B128	C256	139.9200
		C159	139.1925		B104	C208	139.5600			C257	139.9275
	B80	C160	139.2000			C209	139.5675	A65	B129	C258	139.9350
		C161	139.2075	A53	B105	C210	139.5750			C259	139.9425
A41	B81	C162	139.2150			C211	139.5825		B130	C260	139.9500
		C163	139.2225		B106	C212	139.5900			C261	139.9575
	B82	C164	139.2300			C213	139.5975	A66	B131	C262	139.9650
		C165	139.2375	A54	B107	C214	139.6050			C263	139.9725
A42	B83	C166	139.2450			C215	139.6125		B132	C264	139.9800
		C167	139.2525		B108	C216	139.6200			C265	139.9875
	B84	C168	139.2600			C217	139.6275	A67	B133	C266	139.9950
		C169	139.2675	A55	B109	C218	139.6350			C267	140.0025
A43	B85	C170	139.2750			C219	139.6425		B134	C268	140.0100
		C171	139.2825		B110	C220	139.6500			C269	140.0175
	B86	C172	139.2900			C221	139.6575	A68	B135	C270	140.0250
		C173	139.2975	A56	B111	C222	139.6650			C271	140.0325
A44	B87	C174	139.3050			C223	139.6725		B136	C272	140.0400
		C175	139.3125		B112	C224	139.6800			C273	140.0475
	B88	C176	139.3200			C225	139.6875	A69	B137	C274	140.0550
		C177	139.3275	A57	B113	C226	139.6950			C275	140.0625
A45	B89	C178	139.3350			C227	139.7025		B138	C276	140.0700
		C179	139.3425		B114	C228	139.7100			C277	140.0775
	B90	C180	139.3500			C229	139.7175	A70	B139	C278	140.0850
		C181	139.3575	A58	B115	C230	139.7250			C279	140.0925
A46	B91	C182	139.3650			C231	139.7325		B140	C280	140.1000
		C183	139.3725		B116	C232	139.7400			C281	140.1075
	B92	C184	139.3800			C233	139.7475	A71	B141	C282	140.1150
		C185	139.3875	A59	B117	C234	139.7550			C283	140.1225
A47	B93	C186	139.3950			C235	139.7625		B142	C284	140.1300
		C187	139.4025		B118	C236	139.7700			C285	140.1375
	B94	C188	139.4100			C237	139.7775	A72	B143	C286	140.1450
		C189	139.4175	A60	B119	C238	139.7850			C287	140.1525
A48	B95	C190	139.4250			C239	139.7925		B144	C288	140.1600
		C191	139.4325		B120	C240	139.8000			C289	140.1675
	B96	C192	139.4400			C241	139.8075	A73	B145	C290	140.1750
		C193	139.4475	A61	B121	C242	139.8150			C291	140.1825
A49	B97	C194	139.4550			C243	139.8225		B146	C292	140.1900
		C195	139.4625		B122	C244	139.8300			C293	140.1975
	B98	C196	139.4700			C245	139.8375	A74	B147	C294	140.2050

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C295	140.2125		B172	C344	140.5800			C393	140.9475
	B148	C296	140.2200			C345	140.5875	A99	B197	C394	140.9550
		C297	140.2275	A87	B173	C346	140.5950			C395	140.9625
A75	B149	C298	140.2350			C347	140.6025		B198	C396	140.9700
		C299	140.2425		B174	C348	140.6100			C397	140.9775
	B150	C300	140.2500			C349	140.6175	A100	B199	C398	140.9850
		C301	140.2575	A88	B175	C350	140.6250			C399	140.9925
A76	B151	C302	140.2650			C351	140.6325		B200	C400	141.0000
		C303	140.2725		B176	C352	140.6400			C401	141.0075
	B152	C304	140.2800			C353	140.6475	A101	B201	C402	141.0150
		C305	140.2875	A89	B177	C354	140.6550			C403	141.0225
A77	B153	C306	140.2950			C355	140.6625		B202	C404	141.0300
		C307	140.3025		B178	C356	140.6700			C405	141.0375
	B154	C308	140.3100			C357	140.6775	A102	B203	C406	141.0450
		C309	140.3175	A90	B179	C358	140.6850			C407	141.0525
A78	B155	C310	140.3250			C359	140.6925		B204	C408	141.0600
		C311	140.3325		B180	C360	140.7000			C409	141.0675
	B156	C312	140.3400			C361	140.7075	A103	B205	C410	141.0750
		C313	140.3475	A91	B181	C362	140.7150			C411	141.0825
A79	B157	C314	140.3550			C363	140.7225		B206	C412	141.0900
		C315	140.3625		B182	C364	140.7300			C413	141.0975
	B158	C316	140.3700			C365	140.7375	A104	B207	C414	141.1050
		C317	140.3775	A92	B183	C366	140.7450			C415	141.1125
A80	B159	C318	140.3850			C367	140.7525		B208	C416	141.1200
		C319	140.3925		B184	C368	140.7600			C417	141.1275
	B160	C320	140.4000			C369	140.7675	A105	B209	C418	141.1350
		C321	140.4075	A93	B185	C370	140.7750			C419	141.1425
A81	B161	C322	140.4150			C371	140.7825		B210	C420	141.1500
		C323	140.4225		B186	C372	140.7900			C421	141.1575
	B162	C324	140.4300			C373	140.7975	A106	B211	C422	141.1650
		C325	140.4375	A94	B187	C374	140.8050			C423	141.1725
A82	B163	C326	140.4450			C375	140.8125		B212	C424	141.1800
		C327	140.4525		B188	C376	140.8200			C425	141.1875
	B164	C328	140.4600			C377	140.8275	A107	B213	C426	141.1950
		C329	140.4675	A95	B189	C378	140.8350			C427	141.2025
A83	B165	C330	140.4750			C379	140.8425		B214	C428	141.2100
		C331	140.4825		B190	C380	140.8500			C429	141.2175
	B166	C332	140.4900			C381	140.8575	A108	B215	C430	141.2250
		C333	140.4975	A96	B191	C382	140.8650			C431	141.2325
A84	B167	C334	140.5050			C383	140.8725		B216	C432	141.2400
		C335	140.5125		B192	C384	140.8800			C433	141.2475
	B168	C336	140.5200			C385	140.8875	A109	B217	C434	141.2550
		C337	140.5275	A97	B193	C386	140.8950			C435	141.2625
A85	B169	C338	140.5350			C387	140.9025		B218	C436	141.2700
		C339	140.5425		B194	C388	140.9100			C437	141.2775
	B170	C340	140.5500			C389	140.9175	A110	B219	C438	141.2850
		C341	140.5575	A98	B195	C390	140.9250			C439	141.2925
A86	B171	C342	140.5650			C391	140.9325		B220	C440	141.3000
		C343	140.5725		B196	C392	140.9400			C441	141.3075

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A111	B221	C442	141.3150			C491	141.6825		B270	C540	142.0500
		C443	141.3225		B246	C492	141.6900			C541	142.0575
	B222	C444	141.3300			C493	141.6975	A136	B271	C542	142.0650
		C445	141.3375	A124	B247	C494	141.7050			C543	142.0725
A112	B223	C446	141.3450			C495	141.7125		B272	C544	142.0800
		C447	141.3525		B248	C496	141.7200			C545	142.0875
	B224	C448	141.3600			C497	141.7275	A137	B273	C546	142.0950
		C449	141.3675	A125	B249	C498	141.7350			C547	142.1025
A113	B225	C450	141.3750			C499	141.7425		B274	C548	142.1100
		C451	141.3825		B250	C500	141.7500			C549	142.1175
	B226	C452	141.3900			C501	141.7575	A138	B275	C550	142.1250
		C453	141.3975	A126	B251	C502	141.7650			C551	142.1325
A114	B227	C454	141.4050			C503	141.7725		B276	C552	142.1400
		C455	141.4125		B252	C504	141.7800			C553	142.1475
	B228	C456	141.4200			C505	141.7875	A139	B277	C554	142.1550
		C457	141.4275	A127	B253	C506	141.7950			C555	142.1625
A115	B229	C458	141.4350			C507	141.8025		B278	C556	142.1700
		C459	141.4425		B254	C508	141.8100			C557	142.1775
	B230	C460	141.4500			C509	141.8175	A140	B279	C558	142.1850
		C461	141.4575	A128	B255	C510	141.8250			C559	142.1925
A116	B231	C462	141.4650			C511	141.8325		B280	C560	142.2000
		C463	141.4725		B256	C512	141.8400			C561	142.2075
	B232	C464	141.4800			C513	141.8475	A141	B281	C562	142.2150
		C465	141.4875	A129	B257	C514	141.8550			C563	142.2225
A117	B233	C466	141.4950			C515	141.8625		B282	C564	142.2300
		C467	141.5025		B258	C516	141.8700			C565	142.2375
	B234	C468	141.5100			C517	141.8775	A142	B283	C566	142.2450
		C469	141.5175	A130	B259	C518	141.8850			C567	142.2525
A118	B235	C470	141.5250			C519	141.8925		B284	C568	142.2600
		C471	141.5325		B260	C520	141.9000			C569	142.2675
	B236	C472	141.5400			C521	141.9075	A143	B285	C570	142.2750
		C473	141.5475	A131	B261	C522	141.9150			C571	142.2825
A119	B237	C474	141.5550			C523	141.9225		B286	C572	142.2900
		C475	141.5625		B262	C524	141.9300			C573	142.2975
	B238	C476	141.5700			C525	141.9375	A144	B287	C574	142.3050
		C477	141.5775	A132	B263	C526	141.9450			C575	142.3125
A120	B239	C478	141.5850			C527	141.9525		B288	C576	142.3200
		C479	141.5925		B264	C528	141.9600			C577	142.3275
	B240	C480	141.6000			C529	141.9675	A145	B289	C578	142.3350
		C481	141.6075	A133	B265	C530	141.9750			C579	142.3425
A121	B241	C482	141.6150			C531	141.9825		B290	C580	142.3500
		C483	141.6225		B266	C532	141.9900			C581	142.3575
	B242	C484	141.6300			C533	141.9975	A146	B291	C582	142.3650
		C485	141.6375	A134	B267	C534	142.0050			C583	142.3725
A122	B243	C486	141.6450			C535	142.0125		B292	C584	142.3800
		C487	141.6525		B268	C536	142.0200			C585	142.3875
	B244	C488	141.6600			C537	142.0275	A147	B293	C586	142.3950
		C489	141.6675	A135	B269	C538	142.0350			C587	142.4025
A123	B245	C490	141.6750			C539	142.0425		B294	C588	142.4100

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C589	142.4175	A160	B319	C638	142.785			C687	143.1525
A148	B295	C590	142.4250			C639	142.7925		B344	C688	143.1600
		C591	142.4325		B320	C640	142.8000			C689	143.1675
	B296	C592	142.4400			C641	142.8075	A173	B345	C690	143.1750
		C593	142.4475	A161	B321	C642	142.8150			C691	143.1825
A149	B297	C594	142.4550			C643	142.8225		B346	C692	143.1900
		C595	142.4625		B322	C644	142.8300			C693	143.1975
	B298	C596	142.4700			C645	142.8375	A174	B347	C694	143.2050
		C597	142.4775	A162	B323	C646	142.8450			C695	143.2125
A150	B299	C598	142.4850			C647	142.8525		B348	C696	143.2200
		C599	142.4925		B324	C648	142.8600			C697	143.2275
	B300	C600	142.5000			C649	142.8675	A175	B349	C698	143.2350
		C601	142.5075	A163	B325	C650	142.8750			C699	143.2425
A151	B301	C602	142.5150			C651	142.8825		B350	C700	143.2500
		C603	142.5225		B326	C652	142.8900			C701	143.2575
	B302	C604	142.5300			C653	142.8975	A176	B351	C702	143.2650
		C605	142.5375	A164	B327	C654	142.9050			C703	143.2725
A152	B303	C606	142.5450			C655	142.9125		B352	C704	143.2800
		C607	142.5525		B328	C656	142.9200			C705	143.2875
	B304	C608	142.5600			C657	142.9275	A177	B353	C706	143.2950
		C609	142.5675	A165	B329	C658	142.9350			C707	143.3025
A153	B305	C610	142.5750			C659	142.9425		B354	C708	143.3100
		C611	142.5825		B330	C660	142.9500			C709	143.3175
	B306	C612	142.5900			C661	142.9575	A178	B355	C710	143.3250
		C613	142.5975	A166	B331	C662	142.9650			C711	143.3325
A154	B307	C614	142.6050			C663	142.9725		B356	C712	143.3400
		C615	142.6125		B332	C664	142.9800			C713	143.3475
	B308	C616	142.6200			C665	142.9875	A179	B357	C714	143.3550
		C617	142.6275	A167	B333	C666	142.9950			C715	143.3625
A155	B309	C618	142.6350			C667	143.0025		B358	C716	143.3700
		C619	142.6425		B334	C668	143.0100			C717	143.3775
	B310	C620	142.6500			C669	143.0175	A180	B359	C718	143.3850
		C621	142.6575	A168	B335	C670	143.0250			C719	143.3925
A156	B311	C622	142.6650			C671	143.0325		B360	C720	143.4000
		C623	142.6725		B336	C672	143.0400			C721	143.4075
	B312	C624	142.6800			C673	143.0475	A181	B361	C722	143.4150
		C625	142.6875	A169	B337	C674	143.0550			C723	143.4225
A157	B313	C626	142.6950			C675	143.0625		B362	C724	143.4300
		C627	142.7025		B338	C676	143.0700			C725	143.4375
	B314	C628	142.7100			C677	143.0775	A182	B363	C726	143.4450
		C629	142.7175	A170	B339	C678	143.0850			C727	143.4525
A158	B315	C630	142.7250			C679	143.0925		B364	C728	143.4600
		C631	142.7325		B340	C680	143.1000			C729	143.4675
	B316	C632	142.7400			C681	143.1075	A183	B365	C730	143.4750
		C633	142.7475	A171	B341	C682	143.1150			C731	143.4825
A159	B317	C634	142.7550			C683	143.1225		B366	C732	143.4900
		C635	142.7625		B342	C684	143.1300			C733	143.4975
	B318	C636	142.7700			C685	143.1375	A184	B367	C734	143.5050
		C637	142.7775	A172	B343	C686	143.1450			C735	143.5125

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B368	C736	143.5200			C785	143.8875		B415	C831	148.2400
		C737	143.5275	A197	B393	C786	143.8950			C832	148.2475
A185	B369	C738	143.5350			C787	143.9025	A209	B416	C833	148.2550
		C739	143.5425		B394	C788	143.9100			C834	148.2625
	B370	C740	143.5500			C789	143.9175		B417	C835	148.2700
		C741	143.5575	A198	B395	C790	143.9250			C836	148.2775
A186	B371	C742	143.5650			C791	143.9325	A210	B418	C837	148.2850
		C743	143.5725		B396	C792	143.9400			C838	148.2925
	B372	C744	143.5800			C793	143.9475		B419	C839	148.3000
		C745	143.5875	A199	B397	C794	143.9550			C840	148.3075
A187	B373	C746	143.5950			C795	143.9625	A211	B420	C841	148.3150
		C747	143.6025		B398	C796	143.9700			C842	148.3225
	B374	C748	143.6100			C797	143.9775		B421	C843	148.3300
		C749	143.6175	A200	B399	C798	143.9850			C844	148.3375
A188	B375	C750	143.6250			C799	143.9925	A212	B422	C845	148.3450
		C751	143.6325	Amateur Band						C846	148.3525
	B376	C752	143.6400						B423	C847	148.3600
		C753	143.6475							C848	148.3675
A189	B377	C754	143.6550			C800	148.0075	A213	B424	C849	148.3750
		C755	143.6625	A201	B400	C801	148.0150			C850	148.3825
	B378	C756	143.6700			C802	148.0225		B425	C851	148.3900
		C757	143.6775		B401	C803	148.0300			C852	148.3975
A190	B379	C758	143.6850			C804	148.0375	A214	B426	C853	148.4050
		C759	143.6925	A202	B402	C805	148.0450			C854	148.4125
	B380	C760	143.7000			C806	148.0525		B427	C855	148.4200
		C761	143.7075		B403	C807	148.0600			C856	148.4275
A191	B381	C762	143.7150			C808	148.0675	A215	B428	C857	148.4350
		C763	143.7225	A203	B404	C809	148.0750			C858	148.4425
	B382	C764	143.7300			C810	148.0825		B429	C859	148.4500
		C765	143.7375		B405	C811	148.0900			C860	148.4575
A192	B383	C766	143.7450			C812	148.0975	A216	B430	C861	148.4650
		C767	143.7525	A204	B406	C813	148.1050			C862	148.4725
	B384	C768	143.7600			C814	148.1125		B431	C863	148.4800
		C769	143.7675		B407	C815	148.1200			C864	148.4875
A193	B385	C770	143.7750			C816	148.1275	A217	B432	C865	148.4950
		C771	143.7825	A205	B408	C817	148.1350			C866	148.5025
	B386	C772	143.7900			C818	148.1425		B433	C867	148.5100
		C773	143.7975		B409	C819	148.1500			C868	148.5175
A194	B387	C774	143.8050			C820	148.1575	A218	B434	C869	148.5250
		C775	143.8125	A206	B410	C821	148.1650			C870	148.5325
	B388	C776	143.8200			C822	148.1725		B435	C871	148.5400
		C777	143.8275		B411	C823	148.1800			C872	148.5475
A195	B389	C778	143.8350			C824	148.1875	A219	B436	C873	148.5550
		C779	143.8425	A207	B412	C825	148.1950			C874	148.5625
	B390	C780	143.8500			C826	148.2025		B437	C875	148.5700
		C781	143.8575		B413	C827	148.2100			C876	148.5775
A196	B391	C782	143.8650			C828	148.2175	A220	B438	C877	148.5850
		C783	143.8725	A208	B414	C829	148.2250			C878	148.5925
	B392	C784	143.8800			C830	148.2325		B439	C879	148.6000

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C880	148.6075	A233	B464	C929	148.975			C978	149.3425
A221	B440	C881	148.6150			C930	148.9825		B489	C979	149.3500
		C882	148.6225		B465	C931	148.9900			C980	149.3575
	B441	C883	148.6300			C932	148.9975	A246	B490	C981	149.3650
		C884	148.6375	A234	B466	C933	149.0050			C982	149.3725
A222	B442	C885	148.6450			C934	149.0125		B491	C983	149.3800
		C886	148.6525		B467	C935	149.0200			C984	149.3875
	B443	C887	148.6600			C936	149.0275	A247	B492	C985	149.3950
		C888	148.6675	A235	B468	C937	149.0350			C986	149.4025
A223	B444	C889	148.6750			C938	149.0425		B493	C987	149.4100
		C890	148.6825		B469	C939	149.0500			C988	149.4175
	B445	C891	148.6900			C940	149.0575	A248	B494	C989	149.4250
		C892	148.6975	A236	B470	C941	149.0650			C990	149.4325
A224	B446	C893	148.7050			C942	149.0725		B495	C991	149.4400
		C894	148.7125		B471	C943	149.0800			C992	149.4475
	B447	C895	148.7200			C944	149.0875	A249	B496	C993	149.4550
		C896	148.7275	A237	B472	C945	149.0950			C994	149.4625
A225	B448	C897	148.7350			C946	149.1025		B497	C995	149.4700
		C898	148.7425		B473	C947	149.1100			C996	149.4775
	B449	C899	148.7500			C948	149.1175	A250	B498	C997	149.4850
		C900	148.7575	A238	B474	C949	149.1250			C998	149.4925
A226	B450	C901	148.7650			C950	149.1325		B499	C999	149.5000
		C902	148.7725		B475	C951	149.1400			C1000	149.5075
	B451	C903	148.7800			C952	149.1475	A251	B500	C1001	149.5150
		C904	148.7875	A239	B476	C953	149.1550			C1002	149.5225
A227	B452	C905	148.7950			C954	149.1625		B501	C1003	149.5300
		C906	148.8025		B477	C955	149.1700			C1004	149.5375
	B453	C907	148.8100			C956	149.1775	A252	B502	C1005	149.5450
		C908	148.8175	A240	B478	C957	149.1850			C1006	149.5525
A228	B454	C909	148.8250			C958	149.1925		B503	C1007	149.5600
		C910	148.8325		B479	C959	149.2000			C1008	149.5675
	B455	C911	148.8400			C960	149.2075	A253	B504	C1009	149.5750
		C912	148.8475	A241	B480	C961	149.2150			C1010	149.5825
A229	B456	C913	148.8550			C962	149.2225		B505	C1011	149.5900
		C914	148.8625		B481	C963	149.2300			C1012	149.5975
	B457	C915	148.8700			C964	149.2375	A254	B506	C1013	149.6050
		C916	148.8775	A242	B482	C965	149.2450			C1014	149.6125
A230	B458	C917	148.8850			C966	149.2525		B507	C1015	149.6200
		C918	148.8925		B483	C967	149.2600			C1016	149.6275
	B459	C919	148.9000			C968	149.2675	A255	B508	C1017	149.6350
		C920	148.9075	A243	B484	C969	149.2750			C1018	149.6425
A231	B460	C921	148.9150			C970	149.2825		B509	C1019	149.6500
		C922	148.9225		B485	C971	149.2900			C1020	149.6575
	B461	C923	148.9300			C972	149.2975	A256	B510	C1021	149.6650
		C924	148.9375	A244	B486	C973	149.3050			C1022	149.6725
A232	B462	C925	148.9450			C974	149.3125		B511	C1023	149.6800
		C926	148.9525		B487	C975	149.3200			C1024	149.6875
	B463	C927	148.9600			C976	149.3275	A257	B512	C1025	149.6950
		C928	148.9675	A245	B488	C977	149.3350			C1026	149.7025

~~Annex B~~

~~List of Channels and Corresponding Centre Frequencies~~

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B513	C1027	149.7100			C1073	150.2075	A281	B560	C1122	150.5750
		C1028	149.7175	A269	B536	C1074	150.2150			C1123	150.5825
A258	B514	C1029	149.7250			C1075	150.2225		B561	C1124	150.5900
		C1030	149.7325		B537	C1076	150.2300			C1125	150.5975
	B515	C1031	149.7400			C1077	150.2375	A282	B562	C1126	150.6050
		C1032	149.7475	A270	B538	C1078	150.2450			C1127	150.6125
A259	B516	C1033	149.7550			C1079	150.2525		B563	C1128	150.6200
		C1034	149.7625		B539	C1080	150.2600			C1129	150.6275
	B517	C1035	149.7700			C1081	150.2675	A283	B564	C1130	150.6350
		C1036	149.7775	A271	B540	C1082	150.2750			C1131	150.6425
A260	B518	C1037	149.7850			C1083	150.2825		B565	C1132	150.6500
		C1038	149.7925		B541	C1084	150.2900			C1133	150.6575
	B519	C1039	149.8000			C1085	150.2975	A284	B566	C1134	150.6650
		C1040	149.8075	A272	B542	C1086	150.3050			C1135	150.6725
A261	B520	C1041	149.8150			C1087	150.3125		B567	C1136	150.6800
		C1042	149.8225		B543	C1088	150.3200			C1137	150.6875
	B521	C1043	149.8300			C1089	150.3275	A285	B568	C1138	150.6950
		C1044	149.8375	A273	B544	C1090	150.3350			C1139	150.7025
A262	B522	C1045	149.8450			C1091	150.3425		B569	C1140	150.7100
		C1046	149.8525		B545	C1092	150.3500			C1141	150.7175
	B523	C1047	149.8600			C1093	150.3575	A286	B570	C1142	150.7250
		C1048	149.8675	A274	B546	C1094	150.3650			C1143	150.7325
A263	B524	C1049	149.8750			C1095	150.3725		B571	C1144	150.7400
		C1050	149.8825		B547	C1096	150.3800			C1145	150.7475
	B525	C1051	149.8900			C1097	150.3875	A287	B572	C1146	150.7550
		C1052	149.8975	A275	B548	C1098	150.3950			C1147	150.7625
Mobile Satellite						C1099	150.4025		B573	C1148	150.7700
					B549	C1100	150.4100			C1149	150.7775
						C1101	150.4175	A288	B574	C1150	150.7850
		C1053	150.0575	A276	B550	C1102	150.4250			C1151	150.7925
A264	B526	C1054	150.0650			C1103	150.4325		B575	C1152	150.8000
		C1055	150.0725		B551	C1104	150.4400			C1153	150.8075
	B527	C1056	150.0800			C1105	150.4475	A289	B576	C1154	150.8150
		C1057	150.0875	A277	B552	C1106	150.4550			C1155	150.8225
A265	B528	C1058	150.0950			C1107	150.4625		B577	C1156	150.8300
		C1059	150.1025		B553	C1108	150.4700			C1157	150.8375
	B529	C1060	150.1100			C1109	150.4775	A290	B578	C1158	150.8450
		C1061	150.1175	A278	B554	C1110	150.4850			C1159	150.8525
A266	B530	C1062	150.1250			C1111	150.4925		B579	C1160	150.8600
		C1063	150.1325		B555	C1112	150.5000			C1161	150.8675
	B531	C1064	150.1400			C1113	150.5075	A291	B580	C1162	150.8750
		C1065	150.1475	A279	B556	C1114	150.5150			C1163	150.8825
A267	B532	C1066	150.1550			C1115	150.5225		B581	C1164	150.8900
		C1067	150.1625		B557	C1116	150.5300			C1165	150.8975
	B533	C1068	150.1700			C1117	150.5375	A292	B582	C1166	150.9050
		C1069	150.1775	A280	B558	C1118	150.5450			C1167	150.9125
A268	B534	C1070	150.1850			C1119	150.5525		B583	C1168	150.9200
		C1071	150.1925		B559	C1120	150.5600			C1169	150.9275
	B535	C1072	150.2000			C1121	150.5675	A293	B584	C1170	150.9350

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C1171	150.9425		B609	C1220	151.3100			C1269	151.6775
	B585	C1172	150.9500			C1221	151.3175	A318	B634	C1270	151.6850
		C1173	150.9575	A306	B610	C1222	151.3250			C1271	151.6925
A294	B586	C1174	150.9650			C1223	151.3325		B635	C1272	151.7000
		C1175	150.9725		B611	C1224	151.3400			C1273	151.7075
	B587	C1176	150.9800			C1225	151.3475	A319	B636	C1274	151.7150
		C1177	150.9875	A307	B612	C1226	151.3550			C1275	151.7225
A295	B588	C1178	150.9950			C1227	151.3625		B637	C1276	151.7300
		C1179	151.0025		B613	C1228	151.3700			C1277	151.7375
	B589	C1180	151.0100			C1229	151.3775	A320	B638	C1278	151.7450
		C1181	151.0175	A308	B614	C1230	151.3850			C1279	151.7525
A296	B590	C1182	151.0250			C1231	151.3925		B639	C1280	151.7600
		C1183	151.0325		B615	C1232	151.4000			C1281	151.7675
	B591	C1184	151.0400			C1233	151.4075	A321	B640	C1282	151.7750
		C1185	151.0475	A309	B616	C1234	151.4150			C1283	151.7825
A297	B592	C1186	151.0550			C1235	151.4225		B641	C1284	151.7900
		C1187	151.0625		B617	C1236	151.4300			C1285	151.7975
	B593	C1188	151.0700			C1237	151.4375	A322	B642	C1286	151.8050
		C1189	151.0775	A310	B618	C1238	151.4450			C1287	151.8125
A298	B594	C1190	151.0850			C1239	151.4525		B643	C1288	151.8200
		C1191	151.0925		B619	C1240	151.4600			C1289	151.8275
	B595	C1192	151.1000			C1241	151.4675	A323	B644	C1290	151.8350
		C1193	151.1075	A311	B620	C1242	151.4750			C1291	151.8425
A299	B596	C1194	151.1150			C1243	151.4825		B645	C1292	151.8500
		C1195	151.1225		B621	C1244	151.4900			C1293	151.8575
	B597	C1196	151.1300			C1245	151.4975	A324	B646	C1294	151.8650
		C1197	151.1375	A312	B622	C1246	151.5050			C1295	151.8725
A300	B598	C1198	151.1450			C1247	151.5125		B647	C1296	151.8800
		C1199	151.1525		B623	C1248	151.5200			C1297	151.8875
	B599	C1200	151.1600			C1249	151.5275	A325	B648	C1298	151.8950
		C1201	151.1675	A313	B624	C1250	151.5350			C1299	151.9025
A301	B600	C1202	151.1750			C1251	151.5425		B649	C1300	151.9100
		C1203	151.1825		B625	C1252	151.5500			C1301	151.9175
	B601	C1204	151.1900			C1253	151.5575	A326	B650	C1302	151.9250
		C1205	151.1975	A314	B626	C1254	151.5650			C1303	151.9325
A302	B602	C1206	151.2050			C1255	151.5725		B651	C1304	151.9400
		C1207	151.2125		B627	C1256	151.5800			C1305	151.9475
	B603	C1208	151.2200			C1257	151.5875	A327	B652	C1306	151.9550
		C1209	151.2275	A315	B628	C1258	151.5950			C1307	151.9625
A303	B604	C1210	151.2350			C1259	151.6025		B653	C1308	151.9700
		C1211	151.2425		B629	C1260	151.6100			C1309	151.9775
	B605	C1212	151.2500			C1261	151.6175	A328	B654	C1310	151.9850
		C1213	151.2575	A316	B630	C1262	151.6250			C1311	151.9925
A304	B606	C1214	151.2650			C1263	151.6325		B655	C1312	152.0000
		C1215	151.2725		B631	C1264	151.6400			C1313	152.0075
	B607	C1216	151.2800			C1265	151.6475	A329	B656	C1314	152.0150
		C1217	151.2875	A317	B632	C1266	151.6550			C1315	152.0225
A305	B608	C1218	151.2950			C1267	151.6625		B657	C1316	152.0300
		C1219	151.3025		B633	C1268	151.6700			C1317	152.0375

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A330	B658	C1318	152.0450			C1367	152.4125		B707	C1416	152.7800
		C1319	152.0525		B683	C1368	152.4200			C1417	152.7875
	B659	C1320	152.0600			C1369	152.4275	A355	B708	C1418	152.7950
		C1321	152.0675	A343	B684	C1370	152.4350			C1419	152.8025
A331	B660	C1322	152.0750			C1371	152.4425		B709	C1420	152.8100
		C1323	152.0825		B685	C1372	152.4500			C1421	152.8175
	B661	C1324	152.0900			C1373	152.4575	A356	B710	C1422	152.8250
		C1325	152.0975	A344	B686	C1374	152.4650			C1423	152.8325
A332	B662	C1326	152.1050			C1375	152.4725		B711	C1424	152.8400
		C1327	152.1125		B687	C1376	152.4800			C1425	152.8475
	B663	C1328	152.1200			C1377	152.4875	A357	B712	C1426	152.8550
		C1329	152.1275	A345	B688	C1378	152.4950			C1427	152.8625
A333	B664	C1330	152.1350			C1379	152.5025		B713	C1428	152.8700
		C1331	152.1425		B689	C1380	152.5100			C1429	152.8775
	B665	C1332	152.1500			C1381	152.5175	A358	B714	C1430	152.8850
		C1333	152.1575	A346	B690	C1382	152.5250			C1431	152.8925
A334	B666	C1334	152.1650			C1383	152.5325		B715	C1432	152.9000
		C1335	152.1725		B691	C1384	152.5400			C1433	152.9075
	B667	C1336	152.1800			C1385	152.5475	A359	B716	C1434	152.9150
		C1337	152.1875	A347	B692	C1386	152.5550			C1435	152.9225
A335	B668	C1338	152.1950			C1387	152.5625		B717	C1436	152.9300
		C1339	152.2025		B693	C1388	152.5700			C1437	152.9375
	B669	C1340	152.2100			C1389	152.5775	A360	B718	C1438	152.9450
		C1341	152.2175	A348	B694	C1390	152.5850			C1439	152.9525
A336	B670	C1342	152.2250			C1391	152.5925		B719	C1440	152.9600
		C1343	152.2325		B695	C1392	152.6000			C1441	152.9675
	B671	C1344	152.2400			C1393	152.6075	A361	B720	C1442	152.9750
		C1345	152.2475	A349	B696	C1394	152.6150			C1443	152.9825
A337	B672	C1346	152.2550			C1395	152.6225		B721	C1444	152.9900
		C1347	152.2625		B697	C1396	152.6300			C1445	152.9975
	B673	C1348	152.2700			C1397	152.6375	A362	B722	C1446	153.0050
		C1349	152.2775	A350	B698	C1398	152.6450			C1447	153.0125
A338	B674	C1350	152.2850			C1399	152.6525		B723	C1448	153.0200
		C1351	152.2925		B699	C1400	152.6600			C1449	153.0275
	B675	C1352	152.3000			C1401	152.6675	A363	B724	C1450	153.0350
		C1353	152.3075	A351	B700	C1402	152.6750			C1451	153.0425
A339	B676	C1354	152.3150			C1403	152.6825		B725	C1452	153.0500
		C1355	152.3225		B701	C1404	152.6900			C1453	153.0575
	B677	C1356	152.3300			C1405	152.6975	A364	B726	C1454	153.0650
		C1357	152.3375	A352	B702	C1406	152.7050			C1455	153.0725
A340	B678	C1358	152.3450			C1407	152.7125		B727	C1456	153.0800
		C1359	152.3525		B703	C1408	152.7200			C1457	153.0875
	B679	C1360	152.3600			C1409	152.7275	A365	B728	C1458	153.0950
		C1361	152.3675	A353	B704	C1410	152.7350			C1459	153.1025
A341	B680	C1362	152.3750			C1411	152.7425		B729	C1460	153.1100
		C1363	152.3825		B705	C1412	152.7500			C1461	153.1175
	B681	C1364	152.3900			C1413	152.7575	A366	B730	C1462	153.1250
		C1365	152.3975	A354	B706	C1414	152.7650			C1463	153.1325
A342	B682	C1366	152.4050			C1415	152.7725		B731	C1464	153.1400

~~List of Channels and Corresponding Centre Frequencies~~

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C1465	153.1475	A379	B756	C1514	153.5150			C1563	153.8825
A367	B732	C1466	153.1550			C1515	153.5225		B781	C1564	153.8900
		C1467	153.1625		B757	C1516	153.5300			C1565	153.8975
	B733	C1468	153.1700			C1517	153.5375	A392	B782	C1566	153.9050
		C1469	153.1775	A380	B758	C1518	153.5450			C1567	153.9125
A368	B734	C1470	153.1850			C1519	153.5525		B783	C1568	153.9200
		C1471	153.1925		B759	C1520	153.5600			C1569	153.9275
	B735	C1472	153.2000			C1521	153.5675	A393	B784	C1570	153.9350
		C1473	153.2075	A381	B760	C1522	153.5750			C1571	153.9425
A369	B736	C1474	153.2150			C1523	153.5825		B785	C1572	153.9500
		C1475	153.2225		B761	C1524	153.5900			C1573	153.9575
	B737	C1476	153.2300			C1525	153.5975	A394	B786	C1574	153.9650
		C1477	153.2375	A382	B762	C1526	153.6050			C1575	153.9725
A370	B738	C1478	153.2450			C1527	153.6125		B787	C1576	153.9800
		C1479	153.2525		B763	C1528	153.6200			C1577	153.9875
	B739	C1480	153.2600			C1529	153.6275	A395	B788	C1578	153.9950
		C1481	153.2675	A383	B764	C1530	153.6350			C1579	154.0025
A371	B740	C1482	153.2750			C1531	153.6425		B789	C1580	154.0100
		C1483	153.2825		B765	C1532	153.6500			C1581	154.0175
	B741	C1484	153.2900			C1533	153.6575	A396	B790	C1582	154.0250
		C1485	153.2975	A384	B766	C1534	153.6650			C1583	154.0325
A372	B742	C1486	153.3050			C1535	153.6725		B791	C1584	154.0400
		C1487	153.3125		B767	C1536	153.6800			C1585	154.0475
	B743	C1488	153.3200			C1537	153.6875	A397	B792	C1586	154.0550
		C1489	153.3275	A385	B768	C1538	153.6950			C1587	154.0625
A373	B744	C1490	153.3350			C1539	153.7025		B793	C1588	154.0700
		C1491	153.3425		B769	C1540	153.7100			C1589	154.0775
	B745	C1492	153.3500			C1541	153.7175	A398	B794	C1590	154.0850
		C1493	153.3575	A386	B770	C1542	153.7250			C1591	154.0925
A374	B746	C1494	153.3650			C1543	153.7325		B795	C1592	154.1000
		C1495	153.3725		B771	C1544	153.7400			C1593	154.1075
	B747	C1496	153.3800			C1545	153.7475	A399	B796	C1594	154.1150
		C1497	153.3875	A387	B772	C1546	153.7550			C1595	154.1225
A375	B748	C1498	153.3950			C1547	153.7625		B797	C1596	154.1300
		C1499	153.4025		B773	C1548	153.7700			C1597	154.1375
	B749	C1500	153.4100			C1549	153.7775	A400	B798	C1598	154.1450
		C1501	153.4175	A388	B774	C1550	153.7850			C1599	154.1525
A376	B750	C1502	153.4250			C1551	153.7925		B799	C1600	154.1600
		C1503	153.4325		B775	C1552	153.8000			C1601	154.1675
	B751	C1504	153.4400			C1553	153.8075	A401	B800	C1602	154.1750
		C1505	153.4475	A389	B776	C1554	153.8150			C1603	154.1825
A377	B752	C1506	153.4550			C1555	153.8225		B801	C1604	154.1900
		C1507	153.4625		B777	C1556	153.8300			C1605	154.1975
	B753	C1508	153.4700			C1557	153.8375	A402	B802	C1606	154.2050
		C1509	153.4775	A390	B778	C1558	153.8450			C1607	154.2125
A378	B754	C1510	153.4850			C1559	153.8525		B803	C1608	154.2200
		C1511	153.4925		B779	C1560	153.8600			C1609	154.2275
	B755	C1512	153.5000			C1561	153.8675	A403	B804	C1610	154.2350
		C1513	153.5075	A391	B780	C1562	153.8750			C1611	154.2425

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B805	C1612	154.2500			C1660	154.6125	A428	B853	C1709	154.9800
		C1613	154.2575	A416	B829	C1661	154.6200			C1710	154.9875
A404	B806	C1614	154.2650			C1662	154.6275		B854	C1711	154.9950
		C1615	154.2725		B830	C1663	154.6350			C1712	155.0025
	B807	C1616	154.2800			C1664	154.6425	A429	B855	C1713	155.0100
		C1617	154.2875	A417	B831	C1665	154.6500			C1714	155.0175
A405	B808	C1618	154.2950			C1666	154.6575		B856	C1715	155.0250
		C1619	154.3025		B832	C1667	154.6650			C1716	155.0325
	B809	C1620	154.3100			C1668	154.6725	A430	B857	C1717	155.0400
		C1621	154.3175	A418	B833	C1669	154.6800			C1718	155.0475
A406	B810	C1622	154.3250			C1670	154.6875		B858	C1719	155.0550
		C1623	154.3325		B834	C1671	154.6950			C1720	155.0625
	B811	C1624	154.3400			C1672	154.7025	A431	B859	C1721	155.0700
		C1625	154.3475	A419	B835	C1673	154.7100			C1722	155.0775
A407	B812	C1626	154.3550			C1674	154.7175		B860	C1723	155.0850
		C1627	154.3625		B836	C1675	154.7250			C1724	155.0925
	B813	C1628	154.3700			C1676	154.7325	A432	B861	C1725	155.1000
		C1629	154.3775	A420	B837	C1677	154.7400			C1726	155.1075
A408	B814	C1630	154.3850			C1678	154.7475		B862	C1727	155.1150
		C1631	154.3925		B838	C1679	154.7550			C1728	155.1225
	B815	C1632	154.4000			C1680	154.7625	A433	B863	C1729	155.1300
		C1633	154.4075	A421	B839	C1681	154.7700			C1730	155.1375
A409	B816	C1634	154.4150			C1682	154.7775		B864	C1731	155.1450
		C1635	154.4225		B840	C1683	154.7850			C1732	155.1525
	B817	C1636	154.4300			C1684	154.7925	A434	B865	C1733	155.1600
		C1637	154.4375	A422	B841	C1685	154.8000			C1734	155.1675
A410	B818	C1638	154.4450			C1686	154.8075		B866	C1735	155.1750
		C1639	154.4525		B842	C1687	154.8150			C1736	155.1825
	B819	C1640	154.4600			C1688	154.8225	A435	B867	C1737	155.1900
		C1641	154.4675	A423	B843	C1689	154.8300			C1738	155.1975
A411	B820	C1642	154.4750			C1690	154.8375		B868	C1739	155.2050
		C1643	154.4825		B844	C1691	154.8450			C1740	155.2125
	B821	C1644	154.4900			C1692	154.8525	A436	B869	C1741	155.2200
		C1645	154.4975	A424	B845	C1693	154.8600			C1742	155.2275
A412	B822	C1646	154.5050			C1694	154.8675		B870	C1743	155.2350
		C1647	154.5125		B846	C1695	154.8750			C1744	155.2425
	B823	C1648	154.5200			C1696	154.8825	A437	B871	C1745	155.2500
		C1649	154.5275	A425	B847	C1697	154.8900			C1746	155.2575
A413	B824	C1650	154.5350			C1698	154.8975		B872	C1747	155.2650
		C1651	154.5425		B848	C1699	154.9050			C1748	155.2725
	B825	C1652	154.5500			C1700	154.9125	A438	B873	C1749	155.2800
		C1653	154.5575	A426	B849	C1701	154.9200			C1750	155.2875
A414	B826	C1654	154.5650			C1702	154.9275		B874	C1751	155.2950
		C1655	154.5725		B850	C1703	154.9350			C1752	155.3025
	B827	C1656	154.5800			C1704	154.9425	A439	B875	C1753	155.3100
		C1657	154.5875	A427	B851	C1705	154.9500			C1754	155.3175
A415	B828	C1658	154.5950			C1706	154.9575		B876	C1755	155.3250
		C1659	154.6025		B852	C1707	154.9650			C1756	155.3325
N/A*						C1708	154.9725	A440	B877	C1757	155.3400

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B878	C1758	155.3475		B902	C1807	155.7150			C1856	156.0825
		C1759	155.3550			C1808	155.7225	A465	B927	C1857	156.0900
		C1760	155.3625	A453	B903	C1809	155.7300			C1858	156.0975
A441	B879	C1761	155.3700			C1810	155.7375		B928	C1859	156.1050
		C1762	155.3775		B904	C1811	155.7450			C1860	156.1125
	B880	C1763	155.3850			C1812	155.7525	A466	B929	C1861	156.1200
		C1764	155.3925	A454	B905	C1813	155.7600			C1862	156.1275
A442	B881	C1765	155.4000			C1814	155.7675		B930	C1863	156.1350
		C1766	155.4075		B906	C1815	155.7750			C1864	156.1425
	B882	C1767	155.4150			C1816	155.7825	A467	B931	C1865	156.1500
		C1768	155.4225	A455	B907	C1817	155.7900			C1866	156.1575
A443	B883	C1769	155.4300			C1818	155.7975		B932	C1867	156.1650
		C1770	155.4375		B908	C1819	155.8050			C1868	156.1725
	B884	C1771	155.4450			C1820	155.8125	A468	B933	C1869	156.1800
		C1772	155.4525	A456	B909	C1821	155.8200			C1870	156.1875
A444	B885	C1773	155.4600			C1822	155.8275		B934	C1871	156.1950
		C1774	155.4675		B910	C1823	155.8350			C1872	156.2025
	B886	C1775	155.4750			C1824	155.8425	A469	B935	C1873	156.2100
		C1776	155.4825	A457	B911	C1825	155.8500			C1874	156.2175
A445	B887	C1777	155.4900			C1826	155.8575		B936	C1875	156.2250
		C1778	155.4975		B912	C1827	155.8650			C1876	156.2325
	B888	C1779	155.5050			C1828	155.8725	A470	B937	C1877	156.2400
		C1780	155.5125	A458	B913	C1829	155.8800			C1878	156.2475
A446	B889	C1781	155.5200			C1830	155.8875		B938	C1879	156.2550
		C1782	155.5275		B914	C1831	155.8950			C1880	156.2625
	B890	C1783	155.5350			C1832	155.9025	A471	B939	C1881	156.2700
		C1784	155.5425	A459	B915	C1833	155.9100			C1882	156.2775
A447	B891	C1785	155.5500			C1834	155.9175		B940	C1883	156.2850
		C1786	155.5575		B916	C1835	155.9250			C1884	156.2925
	B892	C1787	155.5650			C1836	155.9325	A472	B941	C1885	156.3000
		C1788	155.5725	A460	B917	C1837	155.9400			C1886	156.3075
A448	B893	C1789	155.5800			C1838	155.9475		B942	C1887	156.3150
		C1790	155.5875		B918	C1839	155.9550			C1888	156.3225
	B894	C1791	155.5950			C1840	155.9625	A473	B943	C1889	156.3300
		C1792	155.6025	A461	B919	C1841	155.9700			C1890	156.3375
A449	B895	C1793	155.6100			C1842	155.9775		B944	C1891	156.3450
		C1794	155.6175		B920	C1843	155.9850			C1892	156.3525
	B896	C1795	155.6250			C1844	155.9925	A474	B945	C1893	156.3600
		C1796	155.6325	A462	B921	C1845	156.0000			C1894	156.3675
A450	B897	C1797	155.6400			C1846	156.0075		B946	C1895	156.3750
		C1798	155.6475		B922	C1847	156.0150			C1896	156.3825
	B898	C1799	155.6550			C1848	156.0225	A475	B947	C1897	156.3900
		C1800	155.6625	A463	B923	C1849	156.0300			C1898	156.3975
A451	B899	C1801	155.6700			C1850	156.0375		B948	C1899	156.4050
		C1802	155.6775		B924	C1851	156.0450			C1900	156.4125
	B900	C1803	155.6850			C1852	156.0525	A476	B949	C1901	156.4200
		C1804	155.6925	A464	B925	C1853	156.0600			C1902	156.4275
A452	B901	C1805	155.7000			C1854	156.0675		B950	C1903	156.4350
		C1806	155.7075		B926	C1855	156.0750			C1904	156.4425

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A477	B951	C1905	156.4500			C1954	156.8175		B1000	C2003	157.1850
		C1906	156.4575		B976	C1955	156.8250			C2004	157.1925
	B952	C1907	156.4650			C1956	156.8325	A502	B1001	C2005	157.2000
		C1908	156.4725	A490	B977	C1957	156.8400			C2006	157.2075
A478	B953	C1909	156.4800			C1958	156.8475		B1002	C2007	157.2150
		C1910	156.4875		B978	C1959	156.8550			C2008	157.2225
	B954	C1911	156.4950			C1960	156.8625	A503	B1003	C2009	157.2300
		C1912	156.5025	A491	B979	C1961	156.8700			C2010	157.2375
A479	B955	C1913	156.5100			C1962	156.8775		B1004	C2011	157.2450
		C1914	156.5175		B980	C1963	156.8850			C2012	157.2525
	B956	C1915	156.5250			C1964	156.8925	A504	B1005	C2013	157.2600
		C1916	156.5325	A492	B981	C1965	156.9000			C2014	157.2675
A480	B957	C1917	156.5400			C1966	156.9075		B1006	C2015	157.2750
		C1918	156.5475		B982	C1967	156.9150			C2016	157.2825
	B958	C1919	156.5550			C1968	156.9225	A505	B1007	C2017	157.2900
		C1920	156.5625	A493	B983	C1969	156.9300			C2018	157.2975
A481	B959	C1921	156.5700			C1970	156.9375		B1008	C2019	157.3050
		C1922	156.5775		B984	C1971	156.9450			C2020	157.3125
	B960	C1923	156.5850			C1972	156.9525	A506	B1009	C2021	157.3200
		C1924	156.5925	A494	B985	C1973	156.9600			C2022	157.3275
A482	B961	C1925	156.6000			C1974	156.9675		B1010	C2023	157.3350
		C1926	156.6075		B986	C1975	156.9750			C2024	157.3425
	B962	C1927	156.6150			C1976	156.9825	A507	B1011	C2025	157.3500
		C1928	156.6225	A495	B987	C1977	156.9900			C2026	157.3575
A483	B963	C1929	156.6300			C1978	156.9975		B1012	C2027	157.3650
		C1930	156.6375		B988	C1979	157.0050			C2028	157.3725
	B964	C1931	156.6450			C1980	157.0125	A508	B1013	C2029	157.3800
		C1932	156.6525	A496	B989	C1981	157.0200			C2030	157.3875
A484	B965	C1933	156.6600			C1982	157.0275		B1014	C2031	157.3950
		C1934	156.6675		B990	C1983	157.0350			C2032	157.4025
	B966	C1935	156.6750			C1984	157.0425	A509	B1015	C2033	157.4100
		C1936	156.6825	A497	B991	C1985	157.0500			C2034	157.4175
A485	B967	C1937	156.6900			C1986	157.0575		B1016	C2035	157.4250
		C1938	156.6975		B992	C1987	157.0650			C2036	157.4325
	B968	C1939	156.7050			C1988	157.0725	A510	B1017	C2037	157.4400
		C1940	156.7125	A498	B993	C1989	157.0800			C2038	157.4475
A486	B969	C1941	156.7200			C1990	157.0875		B1018	C2039	157.4550
		C1942	156.7275		B994	C1991	157.0950			C2040	157.4625
	B970	C1943	156.7350			C1992	157.1025	A511	B1019	C2041	157.4700
		C1944	156.7425	A499	B995	C1993	157.1100			C2042	157.4775
A487	B971	C1945	156.7500			C1994	157.1175		B1020	C2043	157.4850
		C1946	156.7575		B996	C1995	157.1250			C2044	157.4925
	B972	C1947	156.7650			C1996	157.1325	A512	B1021	C2045	157.5000
		C1948	156.7725	A500	B997	C1997	157.1400			C2046	157.5075
A488	B973	C1949	156.7800			C1998	157.1475		B1022	C2047	157.5150
		C1950	156.7875		B998	C1999	157.1550			C2048	157.5225
	B974	C1951	156.7950			C2000	157.1625	A513	B1023	C2049	157.5300
		C1952	156.8025	A501	B999	C2001	157.1700			C2050	157.5375
A489	B975	C1953	156.8100			C2002	157.1775		B1024	C2051	157.5450

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C2052	157.5525	A526	B1049	C2101	157.9200			C2150	158.2875
A514	B1025	C2053	157.5600			C2102	157.9275		B1074	C2151	158.2950
		C2054	157.5675		B1050	C2103	157.9350			C2152	158.3025
	B1026	C2055	157.5750			C2104	157.9425	A539	B1075	C2153	158.3100
		C2056	157.5825	A527	B1051	C2105	157.9500			C2154	158.3175
A515	B1027	C2057	157.5900			C2106	157.9575		B1076	C2155	158.3250
		C2058	157.5975		B1052	C2107	157.9650			C2156	158.3325
	B1028	C2059	157.6050			C2108	157.9725	A540	B1077	C2157	158.3400
		C2060	157.6125	A528	B1053	C2109	157.9800			C2158	158.3475
A516	B1029	C2061	157.6200			C2110	157.9875		B1078	C2159	158.3550
		C2062	157.6275		B1054	C2111	157.9950			C2160	158.3625
	B1030	C2063	157.6350			C2112	158.0025	A541	B1079	C2161	158.3700
		C2064	157.6425	A529	B1055	C2113	158.0100			C2162	158.3775
A517	B1031	C2065	157.6500			C2114	158.0175		B1080	C2163	158.3850
		C2066	157.6575		B1056	C2115	158.0250			C2164	158.3925
	B1032	C2067	157.6650			C2116	158.0325	A542	B1081	C2165	158.4000
		C2068	157.6725	A530	B1057	C2117	158.0400			C2166	158.4075
A518	B1033	C2069	157.6800			C2118	158.0475		B1082	C2167	158.4150
		C2070	157.6875		B1058	C2119	158.0550			C2168	158.4225
	B1034	C2071	157.6950			C2120	158.0625	A543	B1083	C2169	158.4300
		C2072	157.7025	A531	B1059	C2121	158.0700			C2170	158.4375
A519	B1035	C2073	157.7100			C2122	158.0775		B1084	C2171	158.4450
		C2074	157.7175		B1060	C2123	158.0850			C2172	158.4525
	B1036	C2075	157.7250			C2124	158.0925	A544	B1085	C2173	158.4600
		C2076	157.7325	A532	B1061	C2125	158.1000			C2174	158.4675
A520	B1037	C2077	157.7400			C2126	158.1075		B1086	C2175	158.4750
		C2078	157.7475		B1062	C2127	158.1150			C2176	158.4825
	B1038	C2079	157.7550			C2128	158.1225	A545	B1087	C2177	158.4900
		C2080	157.7625	A533	B1063	C2129	158.1300			C2178	158.4975
A521	B1039	C2081	157.7700			C2130	158.1375		B1088	C2179	158.5050
		C2082	157.7775		B1064	C2131	158.1450			C2180	158.5125
	B1040	C2083	157.7850			C2132	158.1525	A546	B1089	C2181	158.5200
		C2084	157.7925	A534	B1065	C2133	158.1600			C2182	158.5275
A522	B1041	C2085	157.8000			C2134	158.1675		B1090	C2183	158.5350
		C2086	157.8075		B1066	C2135	158.1750			C2184	158.5425
	B1042	C2087	157.8150			C2136	158.1825	A547	B1091	C2185	158.5500
		C2088	157.8225	A535	B1067	C2137	158.1900			C2186	158.5575
A523	B1043	C2089	157.8300			C2138	158.1975		B1092	C2187	158.5650
		C2090	157.8375		B1068	C2139	158.2050			C2188	158.5725
	B1044	C2091	157.8450			C2140	158.2125	A548	B1093	C2189	158.5800
		C2092	157.8525	A536	B1069	C2141	158.2200			C2190	158.5875
A524	B1045	C2093	157.8600			C2142	158.2275		B1094	C2191	158.5950
		C2094	157.8675		B1070	C2143	158.2350			C2192	158.6025
	B1046	C2095	157.8750			C2144	158.2425	A549	B1095	C2193	158.6100
		C2096	157.8825	A537	B1071	C2145	158.2500			C2194	158.6175
A525	B1047	C2097	157.8900			C2146	158.2575		B1096	C2195	158.6250
		C2098	157.8975		B1072	C2147	158.2650			C2196	158.6325
	B1048	C2099	157.9050			C2148	158.2725	A550	B1097	C2197	158.6400
		C2100	157.9125	A538	B1073	C2149	158.2800			C2198	158.6475

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B1098	C2199	158.6550			C2248	159.0225	A575	B1147	C2297	159.3900
		C2200	158.6625	A563	B1123	C2249	159.0300			C2298	159.3975
A551	B1099	C2201	158.6700			C2250	159.0375		B1148	C2299	159.4050
		C2202	158.6775		B1124	C2251	159.0450			C2300	159.4125
	B1100	C2203	158.6850			C2252	159.0525	A576	B1149	C2301	159.4200
		C2204	158.6925	A564	B1125	C2253	159.0600			C2302	159.4275
A552	B1101	C2205	158.7000			C2254	159.0675		B1150	C2303	159.4350
		C2206	158.7075		B1126	C2255	159.0750			C2304	159.4425
	B1102	C2207	158.7150			C2256	159.0825	A577	B1151	C2305	159.4500
		C2208	158.7225	A565	B1127	C2257	159.0900			C2306	159.4575
A553	B1103	C2209	158.7300			C2258	159.0975		B1152	C2307	159.4650
		C2210	158.7375		B1128	C2259	159.1050			C2308	159.4725
	B1104	C2211	158.7450			C2260	159.1125	A578	B1153	C2309	159.4800
		C2212	158.7525	A566	B1129	C2261	159.1200			C2310	159.4875
A554	B1105	C2213	158.7600			C2262	159.1275		B1154	C2311	159.4950
		C2214	158.7675		B1130	C2263	159.1350			C2312	159.5025
	B1106	C2215	158.7750			C2264	159.1425	A579	B1155	C2313	159.5100
		C2216	158.7825	A567	B1131	C2265	159.1500			C2314	159.5175
A555	B1107	C2217	158.7900			C2266	159.1575		B1156	C2315	159.5250
		C2218	158.7975		B1132	C2267	159.1650			C2316	159.5325
	B1108	C2219	158.8050			C2268	159.1725	A580	B1157	C2317	159.5400
		C2220	158.8125	A568	B1133	C2269	159.1800			C2318	159.5475
A556	B1109	C2221	158.8200			C2270	159.1875		B1158	C2319	159.5550
		C2222	158.8275		B1134	C2271	159.1950			C2320	159.5625
	B1110	C2223	158.8350			C2272	159.2025	A581	B1159	C2321	159.5700
		C2224	158.8425	A569	B1135	C2273	159.2100			C2322	159.5775
A557	B1111	C2225	158.8500			C2274	159.2175		B1160	C2323	159.5850
		C2226	158.8575		B1136	C2275	159.2250			C2324	159.5925
	B1112	C2227	158.8650			C2276	159.2325	A582	B1161	C2325	159.6000
		C2228	158.8725	A570	B1137	C2277	159.2400			C2326	159.6075
A558	B1113	C2229	158.8800			C2278	159.2475		B1162	C2327	159.6150
		C2230	158.8875		B1138	C2279	159.2550			C2328	159.6225
	B1114	C2231	158.8950			C2280	159.2625	A583	B1163	C2329	159.6300
		C2232	158.9025	A571	B1139	C2281	159.2700			C2330	159.6375
A559	B1115	C2233	158.9100			C2282	159.2775		B1164	C2331	159.6450
		C2234	158.9175		B1140	C2283	159.2850			C2332	159.6525
	B1116	C2235	158.9250			C2284	159.2925	A584	B1165	C2333	159.6600
		C2236	158.9325	A572	B1141	C2285	159.3000			C2334	159.6675
A560	B1117	C2237	158.9400			C2286	159.3075		B1166	C2335	159.6750
		C2238	158.9475		B1142	C2287	159.3150			C2336	159.6825
	B1118	C2239	158.9550			C2288	159.3225	A585	B1167	C2337	159.6900
		C2240	158.9625	A573	B1143	C2289	159.3300			C2338	159.6975
A561	B1119	C2241	158.9700			C2290	159.3375		B1168	C2339	159.7050
		C2242	158.9775		B1144	C2291	159.3450			C2340	159.7125
	B1120	C2243	158.9850			C2292	159.3525	A586	B1169	C2341	159.7200
		C2244	158.9925	A574	B1145	C2293	159.3600			C2342	159.7275
A562	B1121	C2245	159.0000			C2294	159.3675		B1170	C2343	159.7350
		C2246	159.0075		B1146	C2295	159.3750			C2344	159.7425
	B1122	C2247	159.0150			C2296	159.3825	A587	B1171	C2345	159.7500

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C2346	159.7575		B1196	C2395	160.1250			C2444	160.4925
	B1172	C2347	159.7650			C2396	160.1325	A612	B1221	C2445	160.5000
		C2348	159.7725	A600	B1197	C2397	160.1400			C2446	160.5075
A588	B1173	C2349	159.7800			C2398	160.1475		B1222	C2447	160.5150
		C2350	159.7875		B1198	C2399	160.1550			C2448	160.5225
	B1174	C2351	159.7950			C2400	160.1625	A613	B1223	C2449	160.5300
		C2352	159.8025	A601	B1199	C2401	160.1700			C2450	160.5375
A589	B1175	C2353	159.8100			C2402	160.1775		B1224	C2451	160.5450
		C2354	159.8175		B1200	C2403	160.1850			C2452	160.5525
	B1176	C2355	159.8250			C2404	160.1925	A614	B1225	C2453	160.5600
		C2356	159.8325	A602	B1201	C2405	160.2000			C2454	160.5675
A590	B1177	C2357	159.8400			C2406	160.2075		B1226	C2455	160.5750
		C2358	159.8475		B1202	C2407	160.2150			C2456	160.5825
	B1178	C2359	159.8550			C2408	160.2225	A615	B1227	C2457	160.5900
		C2360	159.8625	A603	B1203	C2409	160.2300			C2458	160.5975
A591	B1179	C2361	159.8700			C2410	160.2375		B1228	C2459	160.6050
		C2362	159.8775		B1204	C2411	160.2450			C2460	160.6125
	B1180	C2363	159.8850			C2412	160.2525	A616	B1229	C2461	160.6200
		C2364	159.8925	A604	B1205	C2413	160.2600			C2462	160.6275
A592	B1181	C2365	159.9000			C2414	160.2675		B1230	C2463	160.6350
		C2366	159.9075		B1206	C2415	160.2750			C2464	160.6425
	B1182	C2367	159.9150			C2416	160.2825	A617	B1231	C2465	160.6500
		C2368	159.9225	A605	B1207	C2417	160.2900			C2466	160.6575
A593	B1183	C2369	159.9300			C2418	160.2975		B1232	C2467	160.6650
		C2370	159.9375		B1208	C2419	160.3050			C2468	160.6725
	B1184	C2371	159.9450			C2420	160.3125	A618	B1233	C2469	160.6800
		C2372	159.9525	A606	B1209	C2421	160.3200			C2470	160.6875
A594	B1185	C2373	159.9600			C2422	160.3275		B1234	C2471	160.6950
		C2374	159.9675		B1210	C2423	160.3350			C2472	160.7025
	B1186	C2375	159.9750			C2424	160.3425	A619	B1235	C2473	160.7100
		C2376	159.9825	A607	B1211	C2425	160.3500			C2474	160.7175
A595	B1187	C2377	159.9900			C2426	160.3575		B1236	C2475	160.7250
		C2378	159.9975		B1212	C2427	160.3650			C2476	160.7325
	B1188	C2379	160.0050			C2428	160.3725	A620	B1237	C2477	160.7400
		C2380	160.0125	A608	B1213	C2429	160.3800			C2478	160.7475
A596	B1189	C2381	160.0200			C2430	160.3875		B1238	C2479	160.7550
		C2382	160.0275		B1214	C2431	160.3950			C2480	160.7625
	B1190	C2383	160.0350			C2432	160.4025	A621	B1239	C2481	160.7700
		C2384	160.0425	A609	B1215	C2433	160.4100			C2482	160.7775
A597	B1191	C2385	160.0500			C2434	160.4175		B1240	C2483	160.7850
		C2386	160.0575		B1216	C2435	160.4250			C2484	160.7925
	B1192	C2387	160.0650			C2436	160.4325	A622	B1241	C2485	160.8000
		C2388	160.0725	A610	B1217	C2437	160.4400			C2486	160.8075
A598	B1193	C2389	160.0800			C2438	160.4475		B1242	C2487	160.8150
		C2390	160.0875		B1218	C2439	160.4550			C2488	160.8225
	B1194	C2391	160.0950			C2440	160.4625	A623	B1243	C2489	160.8300
		C2392	160.1025	A611	B1219	C2441	160.4700			C2490	160.8375
A599	B1195	C2393	160.1100			C2442	160.4775		B1244	C2491	160.8450
		C2394	160.1175		B1220	C2443	160.4850			C2492	160.8525

~~Annex B~~

~~List of Channels and Corresponding Centre Frequencies~~

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A624	B1245	C2493	160.8600			C2542	161.2275		B1294	C2591	161.5950
		C2494	160.8675		B1270	C2543	161.2350			C2592	161.6025
	B1246	C2495	160.8750			C2544	161.2425	A649	B1295	C2593	161.6100
		C2496	160.8825	A637	B1271	C2545	161.2500			C2594	161.6175
A625	B1247	C2497	160.8900			C2546	161.2575		B1296	C2595	161.6250
		C2498	160.8975		B1272	C2547	161.2650			C2596	161.6325
	B1248	C2499	160.9050			C2548	161.2725	A650	B1297	C2597	161.6400
		C2500	160.9125	A638	B1273	C2549	161.2800			C2598	161.6475
A626	B1249	C2501	160.9200			C2550	161.2875		B1298	C2599	161.6550
		C2502	160.9275		B1274	C2551	161.2950			C2600	161.6625
	B1250	C2503	160.9350			C2552	161.3025	A651	B1299	C2601	161.6700
		C2504	160.9425	A639	B1275	C2553	161.3100			C2602	161.6775
A627	B1251	C2505	160.9500			C2554	161.3175		B1300	C2603	161.6850
		C2506	160.9575		B1276	C2555	161.3250			C2604	161.6925
	B1252	C2507	160.9650			C2556	161.3325	A652	B1301	C2605	161.7000
		C2508	160.9725	A640	B1277	C2557	161.3400			C2606	161.7075
A628	B1253	C2509	160.9800			C2558	161.3475		B1302	C2607	161.7150
		C2510	160.9875		B1278	C2559	161.3550			C2608	161.7225
	B1254	C2511	160.9950			C2560	161.3625	A653	B1303	C2609	161.7300
		C2512	161.0025	A641	B1279	C2561	161.3700			C2610	161.7375
A629	B1255	C2513	161.0100			C2562	161.3775		B1304	C2611	161.7450
		C2514	161.0175		B1280	C2563	161.3850			C2612	161.7525
	B1256	C2515	161.0250			C2564	161.3925	A654	B1305	C2613	161.7600
		C2516	161.0325	A642	B1281	C2565	161.4000			C2614	161.7675
A630	B1257	C2517	161.0400			C2566	161.4075		B1306	C2615	161.7750
		C2518	161.0475		B1282	C2567	161.4150			C2616	161.7825
	B1258	C2519	161.0550			C2568	161.4225	A655	B1307	C2617	161.7900
		C2520	161.0625	A643	B1283	C2569	161.4300			C2618	161.7975
A631	B1259	C2521	161.0700			C2570	161.4375		B1308	C2619	161.8050
		C2522	161.0775		B1284	C2571	161.4450			C2620	161.8125
	B1260	C2523	161.0850			C2572	161.4525	A656	B1309	C2621	161.8200
		C2524	161.0925	A644	B1285	C2573	161.4600			C2622	161.8275
A632	B1261	C2525	161.1000			C2574	161.4675		B1310	C2623	161.8350
		C2526	161.1075		B1286	C2575	161.4750			C2624	161.8425
	B1262	C2527	161.1150			C2576	161.4825	A657	B1311	C2625	161.8500
		C2528	161.1225	A645	B1287	C2577	161.4900			C2626	161.8575
A633	B1263	C2529	161.1300			C2578	161.4975		B1312	C2627	161.8650
		C2530	161.1375		B1288	C2579	161.5050			C2628	161.8725
	B1264	C2531	161.1450			C2580	161.5125	A658	B1313	C2629	161.8800
		C2532	161.1525	A646	B1289	C2581	161.5200			C2630	161.8875
A634	B1265	C2533	161.1600			C2582	161.5275		B1314	C2631	161.8950
		C2534	161.1675		B1290	C2583	161.5350			C2632	161.9025
	B1266	C2535	161.1750			C2584	161.5425	A659	B1315	C2633	161.9100
		C2536	161.1825	A647	B1291	C2585	161.5500			C2634	161.9175
A635	B1267	C2537	161.1900			C2586	161.5575		B1316	C2635	161.9250
		C2538	161.1975		B1292	C2587	161.5650			C2636	161.9325
	B1268	C2539	161.2050			C2588	161.5725	A660	B1317	C2637	161.9400
		C2540	161.2125	A648	B1293	C2589	161.5800			C2638	161.9475
A636	B1269	C2541	161.2200			C2590	161.5875		B1318	C2639	161.9550

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C2640	161.9625	A673	B1343	C2689	162.3300			C2738	162.6975
A661	B1319	C2641	161.9700			C2690	162.3375		B1368	C2739	162.7050
		C2642	161.9775		B1344	C2691	162.3450			C2740	162.7125
	B1320	C2643	161.9850			C2692	162.3525	A686	B1369	C2741	162.7200
		C2644	161.9925	A674	B1345	C2693	162.3600			C2742	162.7275
A662	B1321	C2645	162.0000			C2694	162.3675		B1370	C2743	162.7350
		C2646	162.0075		B1346	C2695	162.3750			C2744	162.7425
	B1322	C2647	162.0150			C2696	162.3825	A687	B1371	C2745	162.7500
		C2648	162.0225	A675	B1347	C2697	162.3900			C2746	162.7575
A663	B1323	C2649	162.0300			C2698	162.3975		B1372	C2747	162.7650
		C2650	162.0375		B1348	C2699	162.4050			C2748	162.7725
	B1324	C2651	162.0450			C2700	162.4125	A688	B1373	C2749	162.7800
		C2652	162.0525	A676	B1349	C2701	162.4200			C2750	162.7875
A664	B1325	C2653	162.0600			C2702	162.4275		B1374	C2751	162.7950
		C2654	162.0675		B1350	C2703	162.4350			C2752	162.8025
	B1326	C2655	162.0750			C2704	162.4425	A689	B1375	C2753	162.8100
		C2656	162.0825	A677	B1351	C2705	162.4500			C2754	162.8175
A665	B1327	C2657	162.0900			C2706	162.4575		B1376	C2755	162.8250
		C2658	162.0975		B1352	C2707	162.4650			C2756	162.8325
	B1328	C2659	162.1050			C2708	162.4725	A690	B1377	C2757	162.8400
		C2660	162.1125	A678	B1353	C2709	162.4800			C2758	162.8475
A666	B1329	C2661	162.1200			C2710	162.4875		B1378	C2759	162.8550
		C2662	162.1275		B1354	C2711	162.4950			C2760	162.8625
	B1330	C2663	162.1350			C2712	162.5025	A691	B1379	C2761	162.8700
		C2664	162.1425	A679	B1355	C2713	162.5100			C2762	162.8775
A667	B1331	C2665	162.1500			C2714	162.5175		B1380	C2763	162.8850
		C2666	162.1575		B1356	C2715	162.5250			C2764	162.8925
	B1332	C2667	162.1650			C2716	162.5325	A692	B1381	C2765	162.9000
		C2668	162.1725	A680	B1357	C2717	162.5400			C2766	162.9075
A668	B1333	C2669	162.1800			C2718	162.5475		B1382	C2767	162.9150
		C2670	162.1875		B1358	C2719	162.5550			C2768	162.9225
	B1334	C2671	162.1950			C2720	162.5625	A693	B1383	C2769	162.9300
		C2672	162.2025	A681	B1359	C2721	162.5700			C2770	162.9375
A669	B1335	C2673	162.2100			C2722	162.5775		B1384	C2771	162.9450
		C2674	162.2175		B1360	C2723	162.5850			C2772	162.9525
	B1336	C2675	162.2250			C2724	162.5925	A694	B1385	C2773	162.9600
		C2676	162.2325	A682	B1361	C2725	162.6000			C2774	162.9675
A670	B1337	C2677	162.2400			C2726	162.6075		B1386	C2775	162.9750
		C2678	162.2475		B1362	C2727	162.6150			C2776	162.9825
	B1338	C2679	162.2550			C2728	162.6225	A695	B1387	C2777	162.9900
		C2680	162.2625	A683	B1363	C2729	162.6300			C2778	162.9975
A671	B1339	C2681	162.2700			C2730	162.6375		B1388	C2779	163.0050
		C2682	162.2775		B1364	C2731	162.6450			C2780	163.0125
	B1340	C2683	162.2850			C2732	162.6525	A696	B1389	C2781	163.0200
		C2684	162.2925	A684	B1365	C2733	162.6600			C2782	163.0275
A672	B1341	C2685	162.3000			C2734	162.6675		B1390	C2783	163.0350
		C2686	162.3075		B1366	C2735	162.6750			C2784	163.0425
	B1342	C2687	162.3150			C2736	162.6825	A697	B1391	C2785	163.0500
		C2688	162.3225	A685	B1367	C2737	162.6900			C2786	163.0575

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B1392	C2787	163.0650			C2836	163.4325	A722	B1441	C2885	163.8000
		C2788	163.0725	A710	B1417	C2837	163.4400			C2886	163.8075
A698	B1393	C2789	163.0800			C2838	163.4475		B1442	C2887	163.8150
		C2790	163.0875		B1418	C2839	163.4550			C2888	163.8225
	B1394	C2791	163.0950			C2840	163.4625	A723	B1443	C2889	163.8300
		C2792	163.1025	A711	B1419	C2841	163.4700			C2890	163.8375
A699	B1395	C2793	163.1100			C2842	163.4775		B1444	C2891	163.8450
		C2794	163.1175		B1420	C2843	163.4850			C2892	163.8525
	B1396	C2795	163.1250			C2844	163.4925	A724	B1445	C2893	163.8600
		C2796	163.1325	A712	B1421	C2845	163.5000			C2894	163.8675
A700	B1397	C2797	163.1400			C2846	163.5075		B1446	C2895	163.8750
		C2798	163.1475		B1422	C2847	163.5150			C2896	163.8825
	B1398	C2799	163.1550			C2848	163.5225	A725	B1447	C2897	163.8900
		C2800	163.1625	A713	B1423	C2849	163.5300			C2898	163.8975
A701	B1399	C2801	163.1700			C2850	163.5375		B1448	C2899	163.9050
		C2802	163.1775		B1424	C2851	163.5450			C2900	163.9125
	B1400	C2803	163.1850			C2852	163.5525	A726	B1449	C2901	163.9200
		C2804	163.1925	A714	B1425	C2853	163.5600			C2902	163.9275
A702	B1401	C2805	163.2000			C2854	163.5675		B1450	C2903	163.9350
		C2806	163.2075		B1426	C2855	163.5750			C2904	163.9425
	B1402	C2807	163.2150			C2856	163.5825	A727	B1451	C2905	163.9500
		C2808	163.2225	A715	B1427	C2857	163.5900			C2906	163.9575
A703	B1403	C2809	163.2300			C2858	163.5975		B1452	C2907	163.9650
		C2810	163.2375		B1428	C2859	163.6050			C2908	163.9725
	B1404	C2811	163.2450			C2860	163.6125	A728	B1453	C2909	163.9800
		C2812	163.2525	A716	B1429	C2861	163.6200			C2910	163.9875
A704	B1405	C2813	163.2600			C2862	163.6275		B1454	C2911	163.9950
		C2814	163.2675		B1430	C2863	163.6350			C2912	164.0025
	B1406	C2815	163.2750			C2864	163.6425	A729	B1455	C2913	164.0100
		C2816	163.2825	A717	B1431	C2865	163.6500			C2914	164.0175
A705	B1407	C2817	163.2900			C2866	163.6575		B1456	C2915	164.0250
		C2818	163.2975		B1432	C2867	163.6650			C2916	164.0325
	B1408	C2819	163.3050			C2868	163.6725	A730	B1457	C2917	164.0400
		C2820	163.3125	A718	B1433	C2869	163.6800			C2918	164.0475
A706	B1409	C2821	163.3200			C2870	163.6875		B1458	C2919	164.0550
		C2822	163.3275		B1434	C2871	163.6950			C2920	164.0625
	B1410	C2823	163.3350			C2872	163.7025	A731	B1459	C2921	164.0700
		C2824	163.3425	A719	B1435	C2873	163.7100			C2922	164.0775
A707	B1411	C2825	163.3500			C2874	163.7175		B1460	C2923	164.0850
		C2826	163.3575		B1436	C2875	163.7250			C2924	164.0925
	B1412	C2827	163.3650			C2876	163.7325	A732	B1461	C2925	164.1000
		C2828	163.3725	A720	B1437	C2877	163.7400			C2926	164.1075
A708	B1413	C2829	163.3800			C2878	163.7475		B1462	C2927	164.1150
		C2830	163.3875		B1438	C2879	163.7550			C2928	164.1225
	B1414	C2831	163.3950			C2880	163.7625	A733	B1463	C2929	164.1300
		C2832	163.4025	A721	B1439	C2881	163.7700			C2930	164.1375
A709	B1415	C2833	163.4100			C2882	163.7775		B1464	C2931	164.1450
		C2834	163.4175		B1440	C2883	163.7850			C2932	164.1525
	B1416	C2835	163.4250			C2884	163.7925	A734	B1465	C2933	164.1600

~~List of Channels and Corresponding Centre Frequencies~~

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C2934	164.1675		B1490	C2983	164.5350			C3032	164.9025
	B1466	C2935	164.1750			C2984	164.5425	A759	B1515	C3033	164.9100
		C2936	164.1825	A747	B1491	C2985	164.5500			C3034	164.9175
A735	B1467	C2937	164.1900			C2986	164.5575		B1516	C3035	164.9250
		C2938	164.1975		B1492	C2987	164.5650			C3036	164.9325
	B1468	C2939	164.2050			C2988	164.5725	A760	B1517	C3037	164.9400
		C2940	164.2125	A748	B1493	C2989	164.5800			C3038	164.9475
A736	B1469	C2941	164.2200			C2990	164.5875		B1518	C3039	164.9550
		C2942	164.2275		B1494	C2991	164.5950			C3040	164.9625
	B1470	C2943	164.2350			C2992	164.6025	A761	B1519	C3041	164.9700
		C2944	164.2425	A749	B1495	C2993	164.6100			C3042	164.9775
A737	B1471	C2945	164.2500			C2994	164.6175		B1520	C3043	164.9850
		C2946	164.2575		B1496	C2995	164.6250			C3044	164.9925
	B1472	C2947	164.2650			C2996	164.6325	A762	B1521	C3045	165.0000
		C2948	164.2725	A750	B1497	C2997	164.6400			C3046	165.0075
A738	B1473	C2949	164.2800			C2998	164.6475		B1522	C3047	165.0150
		C2950	164.2875		B1498	C2999	164.6550			C3048	165.0225
	B1474	C2951	164.2950			C3000	164.6625	A763	B1523	C3049	165.0300
		C2952	164.3025	A751	B1499	C3001	164.6700			C3050	165.0375
A739	B1475	C2953	164.3100			C3002	164.6775		B1524	C3051	165.0450
		C2954	164.3175		B1500	C3003	164.6850			C3052	165.0525
	B1476	C2955	164.3250			C3004	164.6925	A764	B1525	C3053	165.0600
		C2956	164.3325	A752	B1501	C3005	164.7000			C3054	165.0675
A740	B1477	C2957	164.3400			C3006	164.7075		B1526	C3055	165.0750
		C2958	164.3475		B1502	C3007	164.7150			C3056	165.0825
	B1478	C2959	164.3550			C3008	164.7225	A765	B1527	C3057	165.0900
		C2960	164.3625	A753	B1503	C3009	164.7300			C3058	165.0975
A741	B1479	C2961	164.3700			C3010	164.7375		B1528	C3059	165.1050
		C2962	164.3775		B1504	C3011	164.7450			C3060	165.1125
	B1480	C2963	164.3850			C3012	164.7525	A766	B1529	C3061	165.1200
		C2964	164.3925	A754	B1505	C3013	164.7600			C3062	165.1275
A742	B1481	C2965	164.4000			C3014	164.7675		B1530	C3063	165.1350
		C2966	164.4075		B1506	C3015	164.7750			C3064	165.1425
	B1482	C2967	164.4150			C3016	164.7825	A767	B1531	C3065	165.1500
		C2968	164.4225	A755	B1507	C3017	164.7900			C3066	165.1575
A743	B1483	C2969	164.4300			C3018	164.7975		B1532	C3067	165.1650
		C2970	164.4375		B1508	C3019	164.8050			C3068	165.1725
	B1484	C2971	164.4450			C3020	164.8125	A768	B1533	C3069	165.1800
		C2972	164.4525	A756	B1509	C3021	164.8200			C3070	165.1875
A744	B1485	C2973	164.4600			C3022	164.8275		B1534	C3071	165.1950
		C2974	164.4675		B1510	C3023	164.8350			C3072	165.2025
	B1486	C2975	164.4750			C3024	164.8425	A769	B1535	C3073	165.2100
		C2976	164.4825	A757	B1511	C3025	164.8500			C3074	165.2175
A745	B1487	C2977	164.4900			C3026	164.8575		B1536	C3075	165.2250
		C2978	164.4975		B1512	C3027	164.8650			C3076	165.2325
	B1488	C2979	164.5050			C3028	164.8725	A770	B1537	C3077	165.2400
		C2980	164.5125	A758	B1513	C3029	164.8800			C3078	165.2475
A746	B1489	C2981	164.5200			C3030	164.8875		B1538	C3079	165.2550
		C2982	164.5275		B1514	C3031	164.8950			C3080	165.2625

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A771	B1539	C3081	165.2700			C3130	165.6375		B1588	C3179	166.0050
		C3082	165.2775		B1564	C3131	165.6450			C3180	166.0125
	B1540	C3083	165.2850			C3132	165.6525	A796	B1589	C3181	166.0200
		C3084	165.2925	A784	B1565	C3133	165.6600			C3182	166.0275
A772	B1541	C3085	165.3000			C3134	165.6675		B1590	C3183	166.0350
		C3086	165.3075		B1566	C3135	165.6750			C3184	166.0425
	B1542	C3087	165.3150			C3136	165.6825	A797	B1591	C3185	166.0500
		C3088	165.3225	A785	B1567	C3137	165.6900			C3186	166.0575
A773	B1543	C3089	165.3300			C3138	165.6975		B1592	C3187	166.0650
		C3090	165.3375		B1568	C3139	165.7050			C3188	166.0725
	B1544	C3091	165.3450			C3140	165.7125	A798	B1593	C3189	166.0800
		C3092	165.3525	A786	B1569	C3141	165.7200			C3190	166.0875
A774	B1545	C3093	165.3600			C3142	165.7275		B1594	C3191	166.0950
		C3094	165.3675		B1570	C3143	165.7350			C3192	166.1025
	B1546	C3095	165.3750			C3144	165.7425	A799	B1595	C3193	166.1100
		C3096	165.3825	A787	B1571	C3145	165.7500			C3194	166.1175
A775	B1547	C3097	165.3900			C3146	165.7575		B1596	C3195	166.1250
		C3098	165.3975		B1572	C3147	165.7650			C3196	166.1325
	B1548	C3099	165.4050			C3148	165.7725	A800	B1597	C3197	166.1400
		C3100	165.4125	A788	B1573	C3149	165.7800			C3198	166.1475
A776	B1549	C3101	165.4200			C3150	165.7875		B1598	C3199	166.1550
		C3102	165.4275		B1574	C3151	165.7950			C3200	166.1625
	B1550	C3103	165.4350			C3152	165.8025	A801	B1599	C3201	166.1700
		C3104	165.4425	A789	B1575	C3153	165.8100			C3202	166.1775
A777	B1551	C3105	165.4500			C3154	165.8175		B1600	C3203	166.1850
		C3106	165.4575		B1576	C3155	165.8250			C3204	166.1925
	B1552	C3107	165.4650			C3156	165.8325	A802	B1601	C3205	166.2000
		C3108	165.4725	A790	B1577	C3157	165.8400			C3206	166.2075
A778	B1553	C3109	165.4800			C3158	165.8475		B1602	C3207	166.2150
		C3110	165.4875		B1578	C3159	165.8550			C3208	166.2225
	B1554	C3111	165.4950			C3160	165.8625	A803	B1603	C3209	166.2300
		C3112	165.5025	A791	B1579	C3161	165.8700			C3210	166.2375
A779	B1555	C3113	165.5100			C3162	165.8775		B1604	C3211	166.2450
		C3114	165.5175		B1580	C3163	165.8850			C3212	166.2525
	B1556	C3115	165.5250			C3164	165.8925	A804	B1605	C3213	166.2600
		C3116	165.5325	A792	B1581	C3165	165.9000			C3214	166.2675
A780	B1557	C3117	165.5400			C3166	165.9075		B1606	C3215	166.2750
		C3118	165.5475		B1582	C3167	165.9150			C3216	166.2825
	B1558	C3119	165.5550			C3168	165.9225	A805	B1607	C3217	166.2900
		C3120	165.5625	A793	B1583	C3169	165.9300			C3218	166.2975
A781	B1559	C3121	165.5700			C3170	165.9375		B1608	C3219	166.3050
		C3122	165.5775		B1584	C3171	165.9450			C3220	166.3125
	B1560	C3123	165.5850			C3172	165.9525	A806	B1609	C3221	166.3200
		C3124	165.5925	A794	B1585	C3173	165.9600			C3222	166.3275
A782	B1561	C3125	165.6000			C3174	165.9675		B1610	C3223	166.3350
		C3126	165.6075		B1586	C3175	165.9750			C3224	166.3425
	B1562	C3127	165.6150			C3176	165.9825	A807	B1611	C3225	166.3500
		C3128	165.6225	A795	B1587	C3177	165.9900			C3226	166.3575
A783	B1563	C3129	165.6300			C3178	165.9975		B1612	C3227	166.3650

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C3228	166.3725	A820	B1637	C3277	166.74			C3326	167.1075
A808	B1613	C3229	166.3800			C3278	166.7475		B1662	C3327	167.1150
		C3230	166.3875		B1638	C3279	166.7550			C3328	167.1225
	B1614	C3231	166.3950			C3280	166.7625	A833	B1663	C3329	167.1300
		C3232	166.4025	A821	B1639	C3281	166.7700			C3330	167.1375
A809	B1615	C3233	166.4100			C3282	166.7775		B1664	C3331	167.1450
		C3234	166.4175		B1640	C3283	166.7850			C3332	167.1525
	B1616	C3235	166.4250			C3284	166.7925	A834	B1665	C3333	167.1600
		C3236	166.4325	A822	B1641	C3285	166.8000			C3334	167.1675
A810	B1617	C3237	166.4400			C3286	166.8075		B1666	C3335	167.1750
		C3238	166.4475		B1642	C3287	166.8150			C3336	167.1825
	B1618	C3239	166.4550			C3288	166.8225	A835	B1667	C3337	167.1900
		C3240	166.4625	A823	B1643	C3289	166.8300			C3338	167.1975
A811	B1619	C3241	166.4700			C3290	166.8375		B1668	C3339	167.2050
		C3242	166.4775		B1644	C3291	166.8450			C3340	167.2125
	B1620	C3243	166.4850			C3292	166.8525	A836	B1669	C3341	167.2200
		C3244	166.4925	A824	B1645	C3293	166.8600			C3342	167.2275
A812	B1621	C3245	166.5000			C3294	166.8675		B1670	C3343	167.2350
		C3246	166.5075		B1646	C3295	166.8750			C3344	167.2425
	B1622	C3247	166.5150			C3296	166.8825	A837	B1671	C3345	167.2500
		C3248	166.5225	A825	B1647	C3297	166.8900			C3346	167.2575
A813	B1623	C3249	166.5300			C3298	166.8975		B1672	C3347	167.2650
		C3250	166.5375		B1648	C3299	166.9050			C3348	167.2725
	B1624	C3251	166.5450			C3300	166.9125	A838	B1673	C3349	167.2800
		C3252	166.5525	A826	B1649	C3301	166.9200			C3350	167.2875
A814	B1625	C3253	166.5600			C3302	166.9275		B1674	C3351	167.2950
		C3254	166.5675		B1650	C3303	166.9350			C3352	167.3025
	B1626	C3255	166.5750			C3304	166.9425	A839	B1675	C3353	167.3100
		C3256	166.5825	A827	B1651	C3305	166.9500			C3354	167.3175
A815	B1627	C3257	166.5900			C3306	166.9575		B1676	C3355	167.3250
		C3258	166.5975		B1652	C3307	166.9650			C3356	167.3325
	B1628	C3259	166.6050			C3308	166.9725	A840	B1677	C3357	167.3400
		C3260	166.6125	A828	B1653	C3309	166.9800			C3358	167.3475
A816	B1629	C3261	166.6200			C3310	166.9875		B1678	C3359	167.3550
		C3262	166.6275		B1654	C3311	166.9950			C3360	167.3625
	B1630	C3263	166.6350			C3312	167.0025	A841	B1679	C3361	167.3700
		C3264	166.6425	A829	B1655	C3313	167.0100			C3362	167.3775
A817	B1631	C3265	166.6500			C3314	167.0175		B1680	C3363	167.3850
		C3266	166.6575		B1656	C3315	167.0250			C3364	167.3925
	B1632	C3267	166.6650			C3316	167.0325	A842	B1681	C3365	167.4000
		C3268	166.6725	A830	B1657	C3317	167.0400			C3366	167.4075
A818	B1633	C3269	166.6800			C3318	167.0475		B1682	C3367	167.4150
		C3270	166.6875		B1658	C3319	167.0550			C3368	167.4225
	B1634	C3271	166.6950			C3320	167.0625	A843	B1683	C3369	167.4300
		C3272	166.7025	A831	B1659	C3321	167.0700			C3370	167.4375
A819	B1635	C3273	166.7100			C3322	167.0775		B1684	C3371	167.4450
		C3274	166.7175		B1660	C3323	167.0850			C3372	167.4525
	B1636	C3275	166.7250			C3324	167.0925	A844	B1685	C3373	167.4600
		C3276	166.7325	A832	B1661	C3325	167.1000			C3374	167.4675

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B1686	C3375	167.4750			C3424	167.8425	A869	B1735	C3473	168.2100
		C3376	167.4825	A857	B1711	C3425	167.8500			C3474	168.2175
A845	B1687	C3377	167.4900			C3426	167.8575		B1736	C3475	168.2250
		C3378	167.4975		B1712	C3427	167.8650			C3476	168.2325
	B1688	C3379	167.5050			C3428	167.8725	A870	B1737	C3477	168.2400
		C3380	167.5125	A858	B1713	C3429	167.8800			C3478	168.2475
A846	B1689	C3381	167.5200			C3430	167.8875		B1738	C3479	168.2550
		C3382	167.5275		B1714	C3431	167.8950			C3480	168.2625
	B1690	C3383	167.5350			C3432	167.9025	A871	B1739	C3481	168.2700
		C3384	167.5425	A859	B1715	C3433	167.9100			C3482	168.2775
A847	B1691	C3385	167.5500			C3434	167.9175		B1740	C3483	168.2850
		C3386	167.5575		B1716	C3435	167.9250			C3484	168.2925
	B1692	C3387	167.5650			C3436	167.9325	A872	B1741	C3485	168.3000
		C3388	167.5725	A860	B1717	C3437	167.9400			C3486	168.3075
A848	B1693	C3389	167.5800			C3438	167.9475		B1742	C3487	168.3150
		C3390	167.5875		B1718	C3439	167.9550			C3488	168.3225
	B1694	C3391	167.5950			C3440	167.9625	A873	B1743	C3489	168.3300
		C3392	167.6025	A861	B1719	C3441	167.9700			C3490	168.3375
A849	B1695	C3393	167.6100			C3442	167.9775		B1744	C3491	168.3450
		C3394	167.6175		B1720	C3443	167.9850			C3492	168.3525
	B1696	C3395	167.6250			C3444	167.9925	A874	B1745	C3493	168.3600
		C3396	167.6325	A862	B1721	C3445	168.0000			C3494	168.3675
A850	B1697	C3397	167.6400			C3446	168.0075		B1746	C3495	168.3750
		C3398	167.6475		B1722	C3447	168.0150			C3496	168.3825
	B1698	C3399	167.6550			C3448	168.0225	A875	B1747	C3497	168.3900
		C3400	167.6625	A863	B1723	C3449	168.0300			C3498	168.3975
A851	B1699	C3401	167.6700			C3450	168.0375		B1748	C3499	168.4050
		C3402	167.6775		B1724	C3451	168.0450			C3500	168.4125
	B1700	C3403	167.6850			C3452	168.0525	A876	B1749	C3501	168.4200
		C3404	167.6925	A864	B1725	C3453	168.0600			C3502	168.4275
A852	B1701	C3405	167.7000			C3454	168.0675		B1750	C3503	168.4350
		C3406	167.7075		B1726	C3455	168.0750			C3504	168.4425
	B1702	C3407	167.7150			C3456	168.0825	A877	B1751	C3505	168.4500
		C3408	167.7225	A865	B1727	C3457	168.0900			C3506	168.4575
A853	B1703	C3409	167.7300			C3458	168.0975		B1752	C3507	168.4650
		C3410	167.7375		B1728	C3459	168.1050			C3508	168.4725
	B1704	C3411	167.7450			C3460	168.1125	A878	B1753	C3509	168.4800
		C3412	167.7525	A866	B1729	C3461	168.1200			C3510	168.4875
A854	B1705	C3413	167.7600			C3462	168.1275		B1754	C3511	168.4950
		C3414	167.7675		B1730	C3463	168.1350			C3512	168.5025
	B1706	C3415	167.7750			C3464	168.1425	A879	B1755	C3513	168.5100
		C3416	167.7825	A867	B1731	C3465	168.1500			C3514	168.5175
A855	B1707	C3417	167.7900			C3466	168.1575		B1756	C3515	168.5250
		C3418	167.7975		B1732	C3467	168.1650			C3516	168.5325
	B1708	C3419	167.8050			C3468	168.1725	A880	B1757	C3517	168.5400
		C3420	167.8125	A868	B1733	C3469	168.1800			C3518	168.5475
A856	B1709	C3421	167.8200			C3470	168.1875		B1758	C3519	168.5550
		C3422	167.8275		B1734	C3471	168.1950			C3520	168.5625
	B1710	C3423	167.8350			C3472	168.2025	A881	B1759	C3521	168.5700

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C3522	168.5775		B1784	C3571	168.9450			C3620	169.3125
	B1760	C3523	168.5850			C3572	168.9525	A906	B1809	C3621	169.3200
		C3524	168.5925	A894	B1785	C3573	168.9600			C3622	169.3275
A882	B1761	C3525	168.6000			C3574	168.9675		B1810	C3623	169.3350
		C3526	168.6075		B1786	C3575	168.9750			C3624	169.3425
	B1762	C3527	168.6150			C3576	168.9825	A907	B1811	C3625	169.3500
		C3528	168.6225	A895	B1787	C3577	168.9900			C3626	169.3575
A883	B1763	C3529	168.6300			C3578	168.9975		B1812	C3627	169.3650
		C3530	168.6375		B1788	C3579	169.0050			C3628	169.3725
	B1764	C3531	168.6450			C3580	169.0125	A908	B1813	C3629	169.3800
		C3532	168.6525	A896	B1789	C3581	169.0200			C3630	169.3875
A884	B1765	C3533	168.6600			C3582	169.0275		B1814	C3631	169.3950
		C3534	168.6675		B1790	C3583	169.0350			C3632	169.4025
	B1766	C3535	168.6750			C3584	169.0425	A909	B1815	C3633	169.4100
		C3536	168.6825	A897	B1791	C3585	169.0500			C3634	169.4175
A885	B1767	C3537	168.6900			C3586	169.0575		B1816	C3635	169.4250
		C3538	168.6975		B1792	C3587	169.0650			C3636	169.4325
	B1768	C3539	168.7050			C3588	169.0725	A910	B1817	C3637	169.4400
		C3540	168.7125	A898	B1793	C3589	169.0800			C3638	169.4475
A886	B1769	C3541	168.7200			C3590	169.0875		B1818	C3639	169.4550
		C3542	168.7275		B1794	C3591	169.0950			C3640	169.4625
	B1770	C3543	168.7350			C3592	169.1025	A911	B1819	C3641	169.4700
		C3544	168.7425	A899	B1795	C3593	169.1100			C3642	169.4775
A887	B1771	C3545	168.7500			C3594	169.1175		B1820	C3643	169.4850
		C3546	168.7575		B1796	C3595	169.1250			C3644	169.4925
	B1772	C3547	168.7650			C3596	169.1325	A912	B1821	C3645	169.5000
		C3548	168.7725	A900	B1797	C3597	169.1400			C3646	169.5075
A888	B1773	C3549	168.7800			C3598	169.1475		B1822	C3647	169.5150
		C3550	168.7875		B1798	C3599	169.1550			C3648	169.5225
	B1774	C3551	168.7950			C3600	169.1625	A913	B1823	C3649	169.5300
		C3552	168.8025	A901	B1799	C3601	169.1700			C3650	169.5375
A889	B1775	C3553	168.8100			C3602	169.1775		B1824	C3651	169.5450
		C3554	168.8175		B1800	C3603	169.1850			C3652	169.5525
	B1776	C3555	168.8250			C3604	169.1925	A914	B1825	C3653	169.5600
		C3556	168.8325	A902	B1801	C3605	169.2000			C3654	169.5675
A890	B1777	C3557	168.8400			C3606	169.2075		B1826	C3655	169.5750
		C3558	168.8475		B1802	C3607	169.2150			C3656	169.5825
	B1778	C3559	168.8550			C3608	169.2225	A915	B1827	C3657	169.5900
		C3560	168.8625	A903	B1803	C3609	169.2300			C3658	169.5975
A891	B1779	C3561	168.8700			C3610	169.2375		B1828	C3659	169.6050
		C3562	168.8775		B1804	C3611	169.2450			C3660	169.6125
	B1780	C3563	168.8850			C3612	169.2525	A916	B1829	C3661	169.6200
		C3564	168.8925	A904	B1805	C3613	169.2600			C3662	169.6275
A892	B1781	C3565	168.9000			C3614	169.2675		B1830	C3663	169.6350
		C3566	168.9075		B1806	C3615	169.2750			C3664	169.6425
	B1782	C3567	168.9150			C3616	169.2825	A917	B1831	C3665	169.6500
		C3568	168.9225	A905	B1807	C3617	169.2900			C3666	169.6575
A893	B1783	C3569	168.9300			C3618	169.2975		B1832	C3667	169.6650
		C3570	168.9375		B1808	C3619	169.3050			C3668	169.6725

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
A918	B1833	C3669	169.6800			C3718	170.0475		B1882	C3767	170.4150
		C3670	169.6875		B1858	C3719	170.0550			C3768	170.4225
	B1834	C3671	169.6950			C3720	170.0625	A943	B1883	C3769	170.4300
		C3672	169.7025	A931	B1859	C3721	170.0700			C3770	170.4375
A919	B1835	C3673	169.7100			C3722	170.0775		B1884	C3771	170.4450
		C3674	169.7175		B1860	C3723	170.0850			C3772	170.4525
	B1836	C3675	169.7250			C3724	170.0925	A944	B1885	C3773	170.4600
		C3676	169.7325	A932	B1861	C3725	170.1000			C3774	170.4675
A920	B1837	C3677	169.7400			C3726	170.1075		B1886	C3775	170.4750
		C3678	169.7475		B1862	C3727	170.1150			C3776	170.4825
	B1838	C3679	169.7550			C3728	170.1225	A945	B1887	C3777	170.4900
		C3680	169.7625	A933	B1863	C3729	170.1300			C3778	170.4975
A921	B1839	C3681	169.7700			C3730	170.1375		B1888	C3779	170.5050
		C3682	169.7775		B1864	C3731	170.1450			C3780	170.5125
	B1840	C3683	169.7850			C3732	170.1525	A946	B1889	C3781	170.5200
		C3684	169.7925	A934	B1865	C3733	170.1600			C3782	170.5275
A922	B1841	C3685	169.8000			C3734	170.1675		B1890	C3783	170.5350
		C3686	169.8075		B1866	C3735	170.1750			C3784	170.5425
	B1842	C3687	169.8150			C3736	170.1825	A947	B1891	C3785	170.5500
		C3688	169.8225	A935	B1867	C3737	170.1900			C3786	170.5575
A923	B1843	C3689	169.8300			C3738	170.1975		B1892	C3787	170.5650
		C3690	169.8375		B1868	C3739	170.2050			C3788	170.5725
	B1844	C3691	169.8450			C3740	170.2125	A948	B1893	C3789	170.5800
		C3692	169.8525	A936	B1869	C3741	170.2200			C3790	170.5875
A924	B1845	C3693	169.8600			C3742	170.2275		B1894	C3791	170.5950
		C3694	169.8675		B1870	C3743	170.2350			C3792	170.6025
	B1846	C3695	169.8750			C3744	170.2425	A949	B1895	C3793	170.6100
		C3696	169.8825	A937	B1871	C3745	170.2500			C3794	170.6175
A925	B1847	C3697	169.8900			C3746	170.2575		B1896	C3795	170.6250
		C3698	169.8975		B1872	C3747	170.2650			C3796	170.6325
	B1848	C3699	169.9050			C3748	170.2725	A950	B1897	C3797	170.6400
		C3700	169.9125	A938	B1873	C3749	170.2800			C3798	170.6475
A926	B1849	C3701	169.9200			C3750	170.2875		B1898	C3799	170.6550
		C3702	169.9275		B1874	C3751	170.2950			C3800	170.6625
	B1850	C3703	169.9350			C3752	170.3025	A951	B1899	C3801	170.6700
		C3704	169.9425	A939	B1875	C3753	170.3100			C3802	170.6775
A927	B1851	C3705	169.9500			C3754	170.3175		B1900	C3803	170.6850
		C3706	169.9575		B1876	C3755	170.3250			C3804	170.6925
	B1852	C3707	169.9650			C3756	170.3325	A952	B1901	C3805	170.7000
		C3708	169.9725	A940	B1877	C3757	170.3400			C3806	170.7075
A928	B1853	C3709	169.9800			C3758	170.3475		B1902	C3807	170.7150
		C3710	169.9875		B1878	C3759	170.3550			C3808	170.7225
	B1854	C3711	169.9950			C3760	170.3625	A953	B1903	C3809	170.7300
		C3712	170.0025	A941	B1879	C3761	170.3700			C3810	170.7375
A929	B1855	C3713	170.0100			C3762	170.3775		B1904	C3811	170.7450
		C3714	170.0175		B1880	C3763	170.3850			C3812	170.7525
	B1856	C3715	170.0250			C3764	170.3925	A954	B1905	C3813	170.7600
		C3716	170.0325	A942	B1881	C3765	170.4000			C3814	170.7675
A930	B1857	C3717	170.0400			C3766	170.4075		B1906	C3815	170.7750

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C3816	170.7825	A967	B1931	C3865	171.1500			C3914	171.5175
A955	B1907	C3817	170.7900			C3866	171.1575		B1956	C3915	171.5250
		C3818	170.7975		B1932	C3867	171.1650			C3916	171.5325
	B1908	C3819	170.8050			C3868	171.1725	A980	B1957	C3917	171.5400
		C3820	170.8125	A968	B1933	C3869	171.1800			C3918	171.5475
A956	B1909	C3821	170.8200			C3870	171.1875		B1958	C3919	171.5550
		C3822	170.8275		B1934	C3871	171.1950			C3920	171.5625
	B1910	C3823	170.8350			C3872	171.2025	A981	B1959	C3921	171.5700
		C3824	170.8425	A969	B1935	C3873	171.2100			C3922	171.5775
A957	B1911	C3825	170.8500			C3874	171.2175		B1960	C3923	171.5850
		C3826	170.8575		B1936	C3875	171.2250			C3924	171.5925
	B1912	C3827	170.8650			C3876	171.2325	A982	B1961	C3925	171.6000
		C3828	170.8725	A970	B1937	C3877	171.2400			C3926	171.6075
A958	B1913	C3829	170.8800			C3878	171.2475		B1962	C3927	171.6150
		C3830	170.8875		B1938	C3879	171.2550			C3928	171.6225
	B1914	C3831	170.8950			C3880	171.2625	A983	B1963	C3929	171.6300
		C3832	170.9025	A971	B1939	C3881	171.2700			C3930	171.6375
A959	B1915	C3833	170.9100			C3882	171.2775		B1964	C3931	171.6450
		C3834	170.9175		B1940	C3883	171.2850			C3932	171.6525
	B1916	C3835	170.9250			C3884	171.2925	A984	B1965	C3933	171.6600
		C3836	170.9325	A972	B1941	C3885	171.3000			C3934	171.6675
A960	B1917	C3837	170.9400			C3886	171.3075		B1966	C3935	171.6750
		C3838	170.9475		B1942	C3887	171.3150			C3936	171.6825
	B1918	C3839	170.9550			C3888	171.3225	A985	B1967	C3937	171.6900
		C3840	170.9625	A973	B1943	C3889	171.3300			C3938	171.6975
A961	B1919	C3841	170.9700			C3890	171.3375		B1968	C3939	171.7050
		C3842	170.9775		B1944	C3891	171.3450			C3940	171.7125
	B1920	C3843	170.9850			C3892	171.3525	A986	B1969	C3941	171.7200
		C3844	170.9925	A974	B1945	C3893	171.3600			C3942	171.7275
A962	B1921	C3845	171.0000			C3894	171.3675		B1970	C3943	171.7350
		C3846	171.0075		B1946	C3895	171.3750			C3944	171.7425
	B1922	C3847	171.0150			C3896	171.3825	A987	B1971	C3945	171.7500
		C3848	171.0225	A975	B1947	C3897	171.3900			C3946	171.7575
A963	B1923	C3849	171.0300			C3898	171.3975		B1972	C3947	171.7650
		C3850	171.0375		B1948	C3899	171.4050			C3948	171.7725
	B1924	C3851	171.0450			C3900	171.4125	A988	B1973	C3949	171.7800
		C3852	171.0525	A976	B1949	C3901	171.4200			C3950	171.7875
A964	B1925	C3853	171.0600			C3902	171.4275		B1974	C3951	171.7950
		C3854	171.0675		B1950	C3903	171.4350			C3952	171.8025
	B1926	C3855	171.0750			C3904	171.4425	A989	B1975	C3953	171.8100
		C3856	171.0825	A977	B1951	C3905	171.4500			C3954	171.8175
A965	B1927	C3857	171.0900			C3906	171.4575		B1976	C3955	171.8250
		C3858	171.0975		B1952	C3907	171.4650			C3956	171.8325
	B1928	C3859	171.1050			C3908	171.4725	A990	B1977	C3957	171.8400
		C3860	171.1125	A978	B1953	C3909	171.4800			C3958	171.8475
A966	B1929	C3861	171.1200			C3910	171.4875		B1978	C3959	171.8550
		C3862	171.1275		B1954	C3911	171.4950			C3960	171.8625
	B1930	C3863	171.1350			C3912	171.5025	A991	B1979	C3961	171.8700
		C3864	171.1425	A979	B1955	C3913	171.5100			C3962	171.8775

~~Annex B~~

~~List of Channels and Corresponding Centre Frequencies~~

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
	B1980	C3963	171.8850			C4012	172.2525	A1016	B2029	C4061	172.6200
		C3964	171.8925	A1004	B2005	C4013	172.2600			C4062	172.6275
A992	B1981	C3965	171.9000			C4014	172.2675		B2030	C4063	172.6350
		C3966	171.9075		B2006	C4015	172.2750			C4064	172.6425
	B1982	C3967	171.9150			C4016	172.2825	A1017	B2031	C4065	172.6500
		C3968	171.9225	A1005	B2007	C4017	172.2900			C4066	172.6575
A993	B1983	C3969	171.9300			C4018	172.2975		B2032	C4067	172.6650
		C3970	171.9375		B2008	C4019	172.3050			C4068	172.6725
	B1984	C3971	171.9450			C4020	172.3125	A1018	B2033	C4069	172.6800
		C3972	171.9525	A1006	B2009	C4021	172.3200			C4070	172.6875
A994	B1985	C3973	171.9600			C4022	172.3275		B2034	C4071	172.6950
		C3974	171.9675		B2010	C4023	172.3350			C4072	172.7025
	B1986	C3975	171.9750			C4024	172.3425	A1019	B2035	C4073	172.7100
		C3976	171.9825	A1007	B2011	C4025	172.3500			C4074	172.7175
A995	B1987	C3977	171.9900			C4026	172.3575		B2036	C4075	172.7250
		C3978	171.9975		B2012	C4027	172.3650			C4076	172.7325
	B1988	C3979	172.0050			C4028	172.3725	A1020	B2037	C4077	172.7400
		C3980	172.0125	A1008	B2013	C4029	172.3800			C4078	172.7475
A996	B1989	C3981	172.0200			C4030	172.3875		B2038	C4079	172.7550
		C3982	172.0275		B2014	C4031	172.3950			C4080	172.7625
	B1990	C3983	172.0350			C4032	172.4025	A1021	B2039	C4081	172.7700
		C3984	172.0425	A1009	B2015	C4033	172.4100			C4082	172.7775
A997	B1991	C3985	172.0500			C4034	172.4175		B2040	C4083	172.7850
		C3986	172.0575		B2016	C4035	172.4250			C4084	172.7925
	B1992	C3987	172.0650			C4036	172.4325	A1022	B2041	C4085	172.8000
		C3988	172.0725	A1010	B2017	C4037	172.4400			C4086	172.8075
A998	B1993	C3989	172.0800			C4038	172.4475		B2042	C4087	172.8150
		C3990	172.0875		B2018	C4039	172.4550			C4088	172.8225
	B1994	C3991	172.0950			C4040	172.4625	A1023	B2043	C4089	172.8300
		C3992	172.1025	A1011	B2019	C4041	172.4700			C4090	172.8375
A999	B1995	C3993	172.1100			C4042	172.4775		B2044	C4091	172.8450
		C3994	172.1175		B2020	C4043	172.4850			C4092	172.8525
	B1996	C3995	172.1250			C4044	172.4925	A1024	B2045	C4093	172.8600
		C3996	172.1325	A1012	B2021	C4045	172.5000			C4094	172.8675
A1000	B1997	C3997	172.1400			C4046	172.5075		B2046	C4095	172.8750
		C3998	172.1475		B2022	C4047	172.5150			C4096	172.8825
	B1998	C3999	172.1550			C4048	172.5225	A1025	B2047	C4097	172.8900
		C4000	172.1625	A1013	B2023	C4049	172.5300			C4098	172.8975
A1001	B1999	C4001	172.1700			C4050	172.5375		B2048	C4099	172.9050
		C4002	172.1775		B2024	C4051	172.5450			C4100	172.9125
	B2000	C4003	172.1850			C4052	172.5525	A1026	B2049	C4101	172.9200
		C4004	172.1925	A1014	B2025	C4053	172.5600			C4102	172.9275
A1002	B2001	C4005	172.2000			C4054	172.5675		B2050	C4103	172.9350
		C4006	172.2075		B2026	C4055	172.5750			C4104	172.9425
	B2002	C4007	172.2150			C4056	172.5825	A1027	B2051	C4105	172.9500
		C4008	172.2225	A1015	B2027	C4057	172.5900			C4106	172.9575
A1003	B2003	C4009	172.2300			C4058	172.5975		B2052	C4107	172.9650
		C4010	172.2375		B2028	C4059	172.6050			C4108	172.9725
	B2004	C4011	172.2450			C4060	172.6125	A1028	B2053	C4109	172.9800

Annex B

List of Channels and Corresponding Centre Frequencies

30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency	30kHz	15kHz	7.5kHz	Frequency
		C4110	172.9875		B2078	C4159	173.3550			C4208	173.7225
	B2054	C4111	172.9950			C4160	173.3625	A1053	B2103	C4209	173.7300
		C4112	173.0025	A1041	B2079	C4161	173.3700			C4210	173.7375
A1029	B2055	C4113	173.0100			C4162	173.3775		B2104	C4211	173.7450
		C4114	173.0175		B2080	C4163	173.3850			C4212	173.7525
	B2056	C4115	173.0250			C4164	173.3925	A1054	B2105	C4213	173.7600
		C4116	173.0325	A1042	B2081	C4165	173.4000			C4214	173.7675
A1030	B2057	C4117	173.0400			C4166	173.4075		B2106	C4215	173.7750
		C4118	173.0475		B2082	C4167	173.4150			C4216	173.7825
	B2058	C4119	173.0550			C4168	173.4225	A1055	B2107	C4217	173.7900
		C4120	173.0625	A1043	B2083	C4169	173.4300			C4218	173.7975
A1031	B2059	C4121	173.0700			C4170	173.4375		B2108	C4219	173.8050
		C4122	173.0775		B2084	C4171	173.4450			C4220	173.8125
	B2060	C4123	173.0850			C4172	173.4525	A1056	B2109	C4221	173.8200
		C4124	173.0925	A1044	B2085	C4173	173.4600			C4222	173.8275
A1032	B2061	C4125	173.1000			C4174	173.4675		B2110	C4223	173.8350
		C4126	173.1075		B2086	C4175	173.4750			C4224	173.8425
	B2062	C4127	173.1150			C4176	173.4825	A1057	B2111	C4225	173.8500
		C4128	173.1225	A1045	B2087	C4177	173.4900			C4226	173.8575
A1033	B2063	C4129	173.1300			C4178	173.4975		B2112	C4227	173.8650
		C4130	173.1375		B2088	C4179	173.5050			C4228	173.8725
	B2064	C4131	173.1450			C4180	173.5125	A1058	B2113	C4229	173.8800
		C4132	173.1525	A1046	B2089	C4181	173.5200			C4230	173.8875
A1034	B2065	C4133	173.1600			C4182	173.5275		B2114	C4231	173.8950
		C4134	173.1675		B2090	C4183	173.5350			C4232	173.9025
	B2066	C4135	173.1750			C4184	173.5425	A1059	B2115	C4233	173.9100
		C4136	173.1825	A1047	B2091	C4185	173.5500			C4234	173.9175
A1035	B2067	C4137	173.1900			C4186	173.5575		B2116	C4235	173.9250
		C4138	173.1975		B2092	C4187	173.5650			C4236	173.9325
	B2068	C4139	173.2050			C4188	173.5725	A1060	B2117	C4237	173.9400
		C4140	173.2125	A1048	B2093	C4189	173.5800			C4238	173.9475
A1036	B2069	C4141	173.2200			C4190	173.5875		B2118	C4239	173.9550
		C4142	173.2275		B2094	C4191	173.5950			C4240	173.9625
	B2070	C4143	173.2350			C4192	173.6025	A1061	B2119	C4241	173.9700
		C4144	173.2425	A1049	B2095	C4193	173.6100			C4242	173.9775
A1037	B2071	C4145	173.2500			C4194	173.6175		B2120	C4243	173.9850
		C4146	173.2575		B2096	C4195	173.6250			C4244	173.9925
	B2072	C4147	173.2650			C4196	173.6325				
		C4148	173.2725	A1050	B2097	C4197	173.6400				
A1038	B2073	C4149	173.2800			C4198	173.6475				
		C4150	173.2875		B2098	C4199	173.6550				
	B2074	C4151	173.2950			C4200	173.6625				
		C4152	173.3025	A1051	B2099	C4201	173.6700				
A1039	B2075	C4153	173.3100			C4202	173.6775				
		C4154	173.3175		B2100	C4203	173.6850				
	B2076	C4155	173.3250			C4204	173.6925				
		C4156	173.3325	A1052	B2101	C4205	173.7000				
A1040	B2077	C4157	173.3400			C4206	173.7075				
		C4158	173.3475		B2102	C4207	173.7150				