

7 List of frequency bands used for Maritime services

Frequency Band	Frequency Used	Services
505-526.5 kHz	518 kHz	[Transmission of Maritime Safety Information (Appendix 15 of ITU RR) ¹⁶ (Meteorological, navigational and other urgent information)
2 173.5-2 190.5 kHz	2 182 kHz	Distress, Urgency and Safety communications (traffic) by radio telephony (voice) (Appendix 15 of ITU RR)
	2 187, kHz	DSC Watchkeeping (Article 31) (Appendix 15 of ITU RR)
4 063-4 438 kHz		(Appendix 17) ¹⁷
		(Appendix 17)
	4 125 kHz	Distress, Urgency and Safety communications (traffic) by radio telephony (voice) (Appendix 15 of ITU RR)
	4 207.5 kHz	DSC watchkeeping (Article 31) (Appendix 15 of ITU RR)
	4 369 kHz	(Appendix 17)
	4 375 kHz	Transmission of meteorological bulletins; notices to navigators; (Appendix 17)
	4 417 kHz	Coast Station duplex transmission of Channel 421.
6 200-6 525 kHz	6 203 kHz	(Appendix 17)
	6 215 kHz	Distress, Urgency and Safety communications (traffic) by radio telephony (voice) (Appendix 15 of ITU RR)
	6 312 kHz	DSC watchkeeping (Article 31) (Appendix 15 of ITU RR)
	6 504 kHz	(Appendix 17)
8 195-8 815 kHz	8 207 kHz	(Appendix 17)
	8 216 kHz	(Appendix 17)
	8 255 kHz	(Appendix 17)
	8 291 kHz	Distress, Urgency and Safety communications (traffic) by radio telephony (voice) (Appendix 15 of ITU RR)
	8 731 kHz	(Appendix 17)
	8 740 kHz	Transmission of meteorological bulletins; notices to navigators; (Appendix 17)
	8 779 kHz	(Appendix 17)
	8 414.5 kHz	DSC watchkeeping (Article 31)
12 230-13 200 kHz	12 254 kHz	(Appendix 17)

¹⁶ Only distress and safety communications are provided, with MSI and Medical Assistance at sea. All MF/HF public correspondence ceased as it was no longer commercially viable and sustainable. Other technologies accommodate this type of communications. (Satellite, GSM, Trunked radio networks, etc.).

¹⁷ Public Correspondence facilities with effect from 1 September 2014 has been discontinued.

Frequency Band	Frequency Used	Services
	12 290 kHz	(Appendix 17)
	12 299 kHz	(Appendix 17)
	12 359 kHz	(Appendix 17)
	12 577 kHz	DSC watchkeeping (Article 31) (Appendix 15 of ITU RR)
	13 101 kHz	(Appendix 17)
	13 146 kHz	Transmission of meteorological bulletins; notices to navigators; (Appendix 17)
16 360-17 410 kHz	16 381 kHz	(Appendix 17)
	16 420 kHz	Distress, Urgency and Safety communications (traffic) by radio telephony (voice) (Appendix 15 of ITU RR)
	16 456 kHz	(Appendix 17)
	16 537 kHz	(Appendix 17)
	16 804.5 kHz	DSC watchkeeping (Appendix 15 of ITU RR)
	17 263 kHz	(Appendix 17)
	17 338 kHz	(Appendix 17)

Frequency Band as per draft NRFP	Frequency Used	Services
22 000-22 855 kHz	22 009 kHz	ITU Appendix 17
	22 015 kHz	(Appendix 17)
	22 060 kHz	(Appendix 17)
	22 705 kHz	(Appendix 17)
	22 711 kHz	(Appendix 17)
	22 756 kHz	(Appendix 17)
154-156.4875 MHz	Several channels used within this range in accordance with Appendix 18 of the ITU RR Channel 2006 – 160.900 MHz	APPENDIX 18 Channel 2006 allocated for Man Overboard Devices used for search and rescue operations. New AIS technologies.
156.7875-156.8125 MHz	Channel 16 in accordance with Appendix 18 of the ITU RR 156.7750 156.8250	Appendix 18. Mobile Satellite Earth to Space for long range AIS broadcasts (ship stations)
156.8375-162.0250 MHz	Several channels used within this range in accordance with Appendix 18 of the ITU RR	

	Channel 28 in accordance with Appendix 18 of the ITU RR	<p>APPENDIX 18 services allocated: Coast Station Analogue Maritime Safety Information (MSI) transmissions using Simplex configurations - 01 to 05; and 60 to 65. Priority to digital transmissions as per Footnote w) from 1 January 2017. Protection of Channel 70 for DSC and Channel 16 distress communications, AIS1 (161.975MHz) and AIS2 (162.025) for navigational safety</p>
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Short Title

This document shall be called the “*National Radio Frequency Plan 2018*”

Repeals

1. South African Re-Planning Exercise (SABRE 1) carried out in 1997 covering the revision of South African Bands (Band Plans) and Migration Strategies published in Notice 759 of 1997, covering the frequency ranges 20 MHz and 3.6 GHz, is hereby repealed.
2. South African Bands Re-Planning Exercises (SABRE II) carried out in 2001 addressing radio frequency spectrum above 3 GHz with the exception of those bands already addressed in SABRE I, published in notice number 1920 of 2001, is hereby repealed
3. The South African Table of Frequency Allocations 2004 which consolidated SABRE 1 and SABRE 2 in one plan covering the range 20MHz to 70 GHz, published in notice 1442 of 2004, is hereby repealed.
4. The National Radio Frequency Plan, published in notice 727 of 2010, is hereby repealed.
5. The National Radio Frequency Plan 2013 which updated National Radio Frequency Plan of 2010, published in Government Gazette number 36336 (notice 354 of 2013), is hereby repealed.