

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
		Mobile 3 MTX (38.5 – 39.825 MHz)	
<b>39-39.5 MHz</b>  FIXED MOBILE  Radiolocation 5.132A  5.159	<b>39-39.5 MHz</b>  MOBILE  Radiolocation 5.132A	Mobile 3 MTX (38.5 – 39.825 MHz)  Single Frequency Mobile (39.825 – 40.625 MHz)	Paired with 35.5 – 36.825 MHz
<b>39.5-39.986 MHz</b>  FIXED MOBILE	<b>39.5-39.986 MHz</b>  MOBILE	Mobile 3 MTX (38.5 – 39.825 MHz) Single Frequency Mobile (39.825 – 40.625 MHz) PMR	Paired with 35.5 – 36.825 MHz
<b>39.986-40.02 MHz</b>  FIXED MOBILE  Space research	<b>39.986-40.02 MHz</b>  MOBILE  Space research	Single Frequency Mobile (39.825 – 40.625 MHz) PMR	
<b>40.02-40.98 MHz</b>  FIXED MOBILE	<b>40.02-40.98 MHz</b>  MOBILE	Single Frequency Mobile (39.825 – 40.625 MHz) Mobile 2 BTX (40.625 – 41.45 MHz)	Paired with 34.175 – 35 MHz

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5.150	5.150	Wireless microphones (40.65 – 40.7 MHz) Non-specific SRD's (40.66 – 40.7 MHz) Surface Model Control (40.665 MHz, 40.675 MHz, 40.685 MHz, 40.695 MHz) ISM applications (40.66 – 40.7 MHz) PMR	Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).  Common international SRD band; see ITU-R Rec. SM.1896
<b>40.98-41.015 MHz</b>  FIXED MOBILE Space research  5.160	<b>40.98-41.015 MHz</b>  MOBILE Space research	Mobile 2 BTX (40.625 – 41.45 MHz) PMR	Paired with 34.175 – 35 MHz)
<b>41.015-42 MHz</b>  FIXED MOBILE  5.160	<b>41.015-42 MHz</b>  MOBILE	Mobile 2 BTX (40.625 – 41.45 MHz) Single Frequency Mobile (41.45 – 41.65 MHz) Mobile 1 BTX (41.65 – 43 MHz) Government Services PMR	Paired with 34.175 – 35 MHz  Paired with 32.325 – 33.675 MHz

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<b>42-42.5 MHz</b>  FIXED MOBILE  Radiolocation 5.132A  5.160 5.161B	<b>42-42.5 MHz</b>  MOBILE  Radiolocation 5.132A	Mobile 1 BTX (41.65 – 43 MHz) Government Services Oceanographic radars	Paired with 32.325 – 33.675 MHz
<b>42.5-44 MHz</b>  FIXED MOBILE  5.160	<b>42.5-44 MHz</b>  MOBILE	Mobile 1 BTX (41.65 – 43 MHz) Government Services	Paired with 32.325 – 33.675 MHz
<b>44-47 MHz</b>  FIXED MOBILE  5.162 5.162A	<b>44-47 MHz</b>  FIXED MOBILE	Meteor Burst (45.3 – 46.9 MHz) CT0 Cordless Telephones BTX (46.61 – 46.97 MHz) Government Services PMR Meteor Burst (45.3-46.9 MHz) CT0 Cordless Telephony BTx (46.61-46.97 MHz)	Paired with 47.5 – 49.1 MHz 10 frequency pairs assigned to CT0; paired with 49.67 – 49.97 MHz; Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).  Paired with 47.5-49.1 MHz)
<b>47-68 MHz</b>  BROADCASTING	<b>47-50 MHz</b>  BROADCASTING		

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	LAND MOBILE 5.164	CT0 Cordless Telephones MTX (49.67 – 49.97 MHz) PMR Meteor Burst (47.5-49.1 MHz) CT0 Cordless Telephony MTx (49.67-49.97 MHz)	The Terrestrial Broadcasting Frequency Plan (GG no.36321) 02 April 2013  Paired with 45.3-46.9 MHz Paired with 46.61 – 46.97 MHz  Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).  Paired with 45.3-46.9 MHz
	<b>50-54 MHz</b>  AMATEUR 5.169	Wireless microphones (53 – 54 MHz)	Radio Frequency Spectrum Regulations as amended (Annex B) (GG. No. 38641, 30 March 2015).
	<b>54-68 MHz</b>  BROADCASTING FIXED 5.171 MOBILE except aeronautical mobile 5.171	Government Services Model control (54.45 – 54.55 MHz) PMR Single Frequency Mobile (54 – 54.325 MHz)  Mobile 1 BTX (54.325 – 54.45 MHz) Mobile 2 BTX (55.45 – 56.85 MHz)	The Terrestrial Broadcasting Frequency Plan (GG no.36321) 02 April 2013    Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).

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5.162A 5.163 5.164 5.165 5.169 5.171		Single Frequency Mobile (56.85 – 58.5 MHz) Mobile 2 MTX (58.5 – 59.9 MHz) Mobile 1 MTX (59.9 – 60.025 MHz) Spare60.025-60.215 MHz Sport Stadium Communications (62.8 – 62.85 MHz) National Emergency Alarm Radio (NEAR) (66 – 68 MHz)	Paired with 59.9 – 60.025 MHz Paired with 58.5 – 59.9 MHz  Paired with 55.45 – 56.85 MHz Paired with 54.325 – 54.45 MHz
<p><b>68-74.8 MHz</b></p> <p>FIXED MOBILE except aeronautical mobile</p> <p>5.149 5.175 5.177 5.179</p>	<p><b>68-74.8 MHz</b></p> <p>MOBILE except aeronautical mobile</p> <p>Amateur (70 – 70.3 MHz) NF2</p> <p>Radio Astronomy (73 – 74.6 MHz) 5.149</p>	<p>Single Frequency Mobile (68 – 69.25 MHz) Mobile 1 BTX (69.25 – 70 MHz) Mobile 2 BTX (70 – 70.975 MHz) Single Frequency Mobile (70.975 – 71.475 MHz) Mobile 3 BTX (71.475 – 72.525 MHz) Single Frequency Mobile (72.525 – 73.425 MHz) Mobile 4 BTX (73.425 – 74.8 MHz) PMR and/or PAMR</p>	<p>Paired with 76.175 – 76.925 MHz Paired with 75.2 – 76.175 MHz Current assignments for fire fighting Paired with 76.925 – 77.975 MHz  Paired with 78.625 – 80 MHz  Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).</p>

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<b>74.8-75.2 MHz</b>  AERONAUTICAL RADIONAVIGATION  5.180 5.181	<b>74.8-75.2 MHz</b>  AERONAUTICAL RADIONAVIGATION  5.180	Instrument Landing System Markers 74.80 – 75.20 Marker beacons (75 MHz)	
<b>75.2-87.5 MHz</b>  FIXED MOBILE except aeronautical mobile  5.175 5.179 5.187	<b>75.2-87.5 MHz</b>  MOBILE except aeronautical mobile	Mobile 2 MTX (75.2 – 76.175 MHz) Mobile 1 MTX (76.175 – 76.925 MHz) Mobile 3 MTX (76.925 – 77.975 MHz) Mobile 4 MTX (78.625 – 80 MHz) Mobile 5 BTX (77.975 – 78.625 MHz) Mobile 6 BTX (80 – 80.5 MHz) Single Frequency Mobile (80.5 – 81 MHz) Mobile 7 BTX (81 – 81.625 MHz) Mobile 8 BTX (81.625 – 82.975 MHz) Mobile 5 MTX (82.975 – 83.625 MHz) Single Frequency Mobile (83.625 – 85.025 MHz) Mobile 8 MTX (85.025 – 86.375 MHz)	Paired with 70 – 70.975 MHz Paired with 69.25 – 70 MHz Paired with 71.475 – 72.525 MHz Paired with 73.425 – 74.8 MHz Paired with 82.975 – 83.625 MHz Paired with 87 – 87.5 MHz  Paired with 86.375 - 87 MHz Paired with 85.025 - 86.375 MHz Paired with 77.975 - 78.625 MHz  Paired with 81.625 - 82.975 MHz Paired with 81 - 81.625 MHz Paired with 80 - 80.5 MHz

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		Mobile 7 MTX (86.375 – 87 MHz) Mobile 6 MTX (87 – 87.5 MHz) PMR and/or PAMR	
<b>87.5-100 MHz</b>  BROADCASTING  5.190	<b>87.5-100 MHz</b>  BROADCASTING	FM Sound Broadcasting (87.5-108 MHz)	The Terrestrial Broadcasting Frequency Plan (GG no.36321) 02 April 2013 Geneva agreement GE84
<b>100-108 MHz</b>  BROADCASTING  5.194	<b>100-108 MHz</b>  BROADCASTING	FM Sound Broadcasting (87.5-108 MHz)	The Terrestrial Broadcasting Frequency Plan (GG no.36321) 02 April 2013 Geneva agreement GE84
<b>108-117.975 MHz</b>  AERONAUTICAL RADIONAVIGATION  5.197 5.197A	<b>108-117.975 MHz</b>  AERONAUTICAL RADIONAVIGATION  5.197A	ILS localiser (108 – 112 MHz) VOR (VHF Omni-directional Range) (112 – 117.975 MHz) Aeronautical mobile communications (108-117.975 MHz)	AM(R)S shall operate in accordance with Res.413(Rev.WRC-07). Safety and regularity of flights; in the band 108-112 MHz AM(R)S limited to ground based transmitters.
<b>117.975-137 MHz</b>  AERONAUTICAL MOBILE (R)	<b>117.975-137 MHz</b>  AERONAUTICAL MOBILE (R)	117.975-121.450 MHz Aeronautical mobile communications	Safety and regularity of flights

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5.111 5.200 5.201 5.202	5.111 5.200	121.450-121.550 MHz International Distress Frequency (121.5 MHz)	EPIRBs at 121.5 MHz ITU RR Article 31 applies
		121.550-137.000 MHz Aeronautical mobile communications	123.1 MHz - auxiliary emergency frequency
<b>137-137.025 MHz</b>  SPACE OPERATION (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209  SPACE RESEARCH (space-to-Earth)  Fixed Mobile except aeronautical mobile (R)	<b>137-137.025 MHz</b>  SPACE OPERATION (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209  SPACE RESEARCH (space-to-Earth)  Mobile except aeronautical mobile (R)	MET SAT	
5.204 5.205 5.206 5.208	5.208		
<b>137.025-137.175 MHz</b>  SPACE OPERATION (space-to-Earth)	<b>137.025-137.175 MHz</b>  SPACE OPERATION (space-to-Earth)		

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<p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>SPACE RESEARCH (space-to-Earth)</p> <p>Fixed</p> <p>Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209</p> <p>Mobile except aeronautical mobile (R)</p> <p>5.204 5.205 5.206 5.208</p>	<p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>SPACE RESEARCH (space-to-Earth)</p> <p>Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209</p> <p>Mobile except aeronautical mobile (R)</p> <p>5.208</p>		
<p><b>137.175-137.825 MHz</b></p> <p>SPACE OPERATION (space-to-Earth)</p> <p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209</p> <p>SPACE RESEARCH (space-to-Earth)</p> <p>Fixed</p> <p>Mobile except aeronautical mobile (R)</p>	<p><b>137.175-137.825 MHz</b></p> <p>SPACE OPERATION (space-to-Earth)</p> <p>METEOROLOGICAL-SATELLITE (space-to-Earth)</p> <p>MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209</p> <p>SPACE RESEARCH (space-to-Earth)</p> <p>Mobile except aeronautical mobile (R)</p>	<p>NOAA meteorological satellite (137.5 – 137.62 MHz)</p>	

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5.204 5.205 5.206 5.208	5.208		
<b>137.825-138 MHz</b>  SPACE OPERATION (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  SPACE RESEARCH (space-to-Earth)  Fixed  Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209  Mobile except aeronautical mobile (R)  5.204 5.205 5.206 5.208	<b>137.825-138 MHz</b>  SPACE OPERATION (space-to-Earth)  METEOROLOGICAL-SATELLITE (space-to-Earth)  SPACE RESEARCH (space-to-Earth)  Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209  Mobile except aeronautical mobile (R)  5.208		

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<p><b>138-143.6 MHz</b></p> <p>AERONAUTICAL MOBILE (OR)</p> <p>5.210 5.211 5.212 5.214</p>	<p><b>138-143.6 MHz</b></p> <p>FIXED MOBILE</p> <p>5.212</p>	<p>Single Frequency Alarms (140.5 – 141 MHz)</p> <p>Mobile 1 MTX (138 – 140.5 MHz)</p> <p>Single Frequency Mobile (141 – 141.5 MHz)</p> <p>Mobile 1 BTX (141.5 – 144 MHz)</p> <p>Remote control industrial apparatus (141 – 142 MHz)</p> <p>PMR and / or PAMR</p>	<p>Paired with 141.5 - 144 MHz</p> <p>Paired with 138 – 140.5 MHz</p> <p>Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).</p>
<p><b>143.6-143.65 MHz</b></p> <p>AERONAUTICAL MOBILE (OR)</p> <p>SPACE RESEARCH (space-to-Earth)</p> <p>5.211 5.212 5.214</p>	<p><b>143.6-143.65 MHz</b></p> <p>FIXED MOBILE</p> <p>5.212</p>	<p>Mobile 1 BTX (141.5 – 144 MHz)</p> <p>PMR and / or PAMR</p>	<p>Paired with 138 – 140.5 MHz Allocation</p> <p>includes BTX assignments at 142.8 – 143.275 MHz and 143.325 - 143.975 MHz</p>
<p><b>143.65-144 MHz</b></p> <p>AERONAUTICAL MOBILE (OR)</p> <p>5.210 5.211 5.212 5.214</p>	<p><b>143.65-144 MHz</b></p> <p>FIXED MOBILE</p> <p>5.212</p>	<p>Mobile 1 BTX (141.5 – 144 MHz)</p> <p>PMR and / or PAMR</p>	<p>Paired with 138 – 140.5 MHz Allocation</p> <p>includes BTX assignments at 142.8 – 143.275 MHz and 143.325 - 143.975 MHz</p>

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<b>144-146 MHz</b>  AMATEUR AMATEUR-SATELLITE	<b>144-146 MHz</b>  AMATEUR AMATEUR-SATELLITE		
<b>146-148 MHz</b>  FIXED MOBILE except aeronautical mobile (R)	<b>146-148 MHz</b>  MOBILE except aeronautical mobile (R)	Mobile 2 MTX (146 – 148.95 MHz) PMR and / or PAMR	Paired with 153.05 – 156 MHz
<b>148-149.9 MHz</b>  FIXED MOBILE except aeronautical mobile (R)  MOBILE-SATELLITE (Earth-to-space) 5.209	<b>148-149.9 MHz</b>  MOBILE except aeronautical mobile (R)  MOBILE-SATELLITE (Earth-to-space) 5.209 NF3	Mobile 2 MTX (146 – 148.95 MHz) Single Frequency Mobile (148.950 – 151 MHz) Wildlife telemetry Tracking (148 – 152 MHz)  Low Earth Orbit systems	Paired with 153.05 – 156 MHz  Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015). Systems are paired with either 137 – 138 MHz or 400.15 – 401 MHz For some small LEO systems this band is supplemented by the band 149.9-150.05 MHz
5.218 5.219 5.221	5.218 5.219 5.221		

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<p><b>149.9-150.05 MHz</b></p> <p>MOBILE-SATELLITE (Arth-to-space) 5.209 5.220</p>	<p><b>149.9-150.05 MHz</b></p> <p>MOBILE-SATELLITE (Earth-to-space) 5.209 5.220 NF3</p>	<p>Low Earth Orbit systems Mobile-satellite communications Wildlife telemetry Tracking (148 – 152 MHz)</p> <p>Single Frequency Mobile (148.950 – 151 MHz)</p>	<p>Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).</p>
<p><b>150.05-153 MHz</b></p> <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>RADIO ASTRONOMY</p> <p>5.149</p>	<p><b>150.05-153 MHz</b></p> <p>FIXED</p> <p>MOBILE except aeronautical mobile</p> <p>RADIO ASTRONOMY</p> <p>5.149</p>	<p>Single frequency alarms (152.05 – 152.55 MHz) Alarms, Single Frequency Mobile and Load Shedding (148.950 – 151 MHz) PMR and PAMR Paging</p> <p>Government Services Wildlife Telemetry Tracking (148 – 152 MHz)</p> <p>Single Frequency Mobile (152.55 – 153.05 MHz)</p>	<p>Channels 150.550 MHz and 150.5625 MHz are used for load shedding. Channels 150.625 MHz and 150.675 MHz are reserved for in-house paging</p> <p>Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).</p>
<p><b>153-154 MHz</b></p> <p>FIXED</p>	<p><b>153-154 MHz</b></p> <p>MOBILE except aeronautical mobile (R)</p>	<p>Single Frequency Mobile (152.55 – 153.05</p>	

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<p>MOBILE except aeronautical mobile (R)</p> <p>Meteorological aids</p>	<p>Meteorological aids</p>	<p>MHz)</p> <p>Mobile 2 BTX (153.05 – 156 MHz)</p> <p>PMR and/or PAMR</p>	<p>Paired with 146 – 148.95 MHz</p>
<p><b>154-156.4875 MHz</b></p> <p>FIXED</p> <p>MOBILE except aeronautical mobile (R)</p> <p>5.225A 5.226</p>	<p><b>154-156.4875 MHz</b></p> <p>MOBILE except aeronautical mobile (R)</p> <p>5.226</p>	<p>154-156 MHz</p> <p>PMR and/or PAMR</p> <p>Maritime Mobile Mobile 2 BTX (153.05 – 156 MHz)</p> <p>Mobile 3 MTX (156 – 156.7625 MHz)</p> <p>Single Frequency Mobile (156.375 – 156.7625 MHz)</p> <p>156.00-156.4875 MHz</p> <p>Maritime mobile communications (Ship stations)</p> <p>Land mobile in areas remote from coast</p>	<p>See Section 7 for details</p> <p>Paired with 146 – 148.95 MHz</p> <p>Paired with 160.6 – 160.975 MHz (156 – 156.375 MHz allocated to land mobile MTX in inland areas)</p> <p>Limited to inland areas</p> <p>Paired with 160.625-160.950 MHz, single frequency 156.3 MHz and in the band 156.375-156.475 MHz</p> <p>ITU RR Articles 31 and 52 and Appendix 18 apply.</p>

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<p><b>156.4875-156.5625 MHz</b></p> <p>MARITIME MOBILE (distress and calling via DSC)</p> <p>5.111 5.226 5.227</p>	<p><b>156.4875-156.5625 MHz</b></p> <p>MARITIME MOBILE (distress and calling via DSC)</p> <p>FIXED 5.227 LAND MOBILE 5.227</p> <p>5.111 5.226</p>	<p>Maritime mobile distress, safety and calling frequency 156.525 MHz for maritime mobile VHF radiotelephone service using DSC.</p> <p>The bands 156.4875-156.5125 MHz and 156.5375-156.5625 MHz may also be used for land mobile services while protecting the maritime mobile service.</p> <p>Single Frequency Mobile (156.375 – 156.7625 MHz)</p>	<p>The use of this band by the maritime services shall be in accordance with ITU Appendix 18. ITU RR Articles 31 and 52 and Appendix 18 apply.</p> <p>NINP basis to Maritime Mobile Service; Limited to inland areas</p>
<p><b>156.5625-156.7625 MHz</b></p> <p>FIXED MOBILE except aeronautical mobile (R)</p> <p>5.226</p>	<p><b>156.5625-156.7625 MHz</b></p> <p>FIXED MOBILE except aeronautical mobile (R)</p> <p>5.226</p>	<p>156.5625-156.7625 MHz</p> <p>Maritime mobile communications. Land mobile in areas remote from coast.</p>	<p>Single frequency applications, ITU RR Articles 31 and 52 and Appendix 18 apply.</p>
<p><b>156.7625-156.7875 MHz</b></p> <p>MARITIME MOBILE</p> <p>Mobile-satellite (Earth-to-space)</p>	<p><b>156.7625-156.7875 MHz</b></p> <p>MARITIME MOBILE</p> <p>Mobile-satellite (Earth-to-space)</p>	<p>International distress, safety and calling frequency at 156.8 MHz for the maritime mobile VHF radiotelephone service.</p>	<p>ITU RR Article 31 and Appendix 18 apply to the use of the frequency 156.8 MHz and this band.</p>

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5.111 5.226 5.228	5.111 5.226 5.228	Distress safety and calling (156.76250 – 156.8375)	
<b>156.7875-156.8125 MHz</b> MARITIME MOBILE (distress and calling) 5.111 5.226	<b>156.7875-156.8125 MHz</b> MARITIME MOBILE (distress and calling) 5.111 5.226	Distress safety and calling (156.76250 – 156.8375, <b>channel 16</b> )	See Section 7 for details
<b>156.8125-156.8375 MHz</b> MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228	<b>156.8125-156.8375 MHz</b> MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228	Distress safety and calling (156.76250 – 156.8375)	
<b>156.8375-161.9375 MHz</b> <b>FIXED</b> MOBILE -except aeronautical mobile	<b>156.8375-161.9375 MHz</b> <b>FIXED</b> MOBILE -except aeronautical mobile	Government Services	Paired with 161.5-162.0 MHz and single frequency applications; ITU RR Articles 31 and 52 and Appendix 18 apply.
		156.8375-157.45 MHz Maritime mobile communications (ship stations). Land mobile in areas remote from coast.	
		157.450-160.6 MHz PMR and/or PAMR	
		160.600-160.975 MHz Maritime mobile communications (Coast stations).	Paired with 156.025-156.350 MHz; ITU RR Articles 31 and 52 and Appendix 18 apply.

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5.226	5.226	Land mobile in areas remote from coast.	
		160.975-161.475 MHz PMR and/or PAMR	Single frequency applications.
		161.475-162.050 MHz Maritime mobile communications (Coast stations) Land mobile in areas remote from coast Automatic Identification System (AIS) at 161.975 MHz and 162.025 MHz	Paired with 156.9-157.4 MHz; ITU RR Articles 31 and 52 and Appendix 18 apply.
		162.050-174 MHz PMR and/or PAMR	
<b>161.9375 -161.9625 MHz</b>  FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA	<b>161.9375 -161.9625 MHz</b>  MOBILE except aeronautical mobile NF4 Maritime mobile-satellite (Earth-to-space) 5.228AA	Sonobuoy (161.875 – 173.875)  Transmission of meteorological bulletins and notice to navigators Mobile 1 MTX-DF (161.475 – 165.0375 MHz)	See Section 7 for details  Paired with Mobile 1 BTX-DF (156.875 – 160.4375 MHz)  Inland areas only

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5.226	5.226	Single Frequency Mobile (160.45 – 161.475 MHz) Single Frequency Mobile (156.8375 – 156.875 MHz) Private Maritime MTX (157.45 – 157.95 MHz)	Paired with 162.05 – 162.55 MHz
<b>161.9625-161.9875 MHz</b>  FIXED MOBILE except aeronautical mobile  Mobile-satellite (Earth-to-space) 5.228F  5.226 5.228A 5.228B	<b>161.9625-161.9875 MHz</b>  MOBILE except aeronautical mobile NF4  Mobile-satellite (Earth-to-space) 5.228F  5.226 5.228A 5.228B	Mobile 1 MTX-DF (161.475 – 165.0375 MHz)	Paired with Mobile 1 BTX-DF (156.875 – 160.4375 MHz)
<b>161.9875-162.0125 MHz</b>  FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA  5.226 5.229	<b>161.9875-162.0125 MHz</b>  MOBILE except aeronautical mobile NF4 Maritime mobile-satellite (Earth-to-space) 5.228AA  5.226	Transmission of meteorological bulletins and notice to navigators Mobile 1 MTX-DF (161.475 – 165.0375 MHz)	See Section 7 for details  Paired with Mobile 1 BTX-DF (156.875 – 160.4375 MHz)
<b>162.0125-162.0375 MHz</b>  FIXED	<b>162.0125-162.0375 MHz</b>		

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
MOBILE except aeronautical mobile  Mobile-satellite (Earth-to-space) 5.228F  5.226 5.228A 5.228B 5.229	MOBILE except aeronautical mobile NF4  Mobile-satellite (Earth-to-space) 5.228F  5.226 5.228A 5.228B	Mobile 1 MTX-DF (161.475 – 165.0375 MHz)	Paired with Mobile 1 BTX-DF (156.875 – 160.4375 MHz)
<b>162.0375-174 MHz</b>  FIXED MOBILE except aeronautical mobile	<b>162.0375-174 MHz</b>  MOBILE except aeronautical mobile NF4	Mobile 1 MTX-DF (161.475 – 165.0375 MHz) Mobile 2 MTX-DF (165.05 – 165.5375 MHz)  Single Frequency Mobile (168.95 – 170.05 MHz) Mobile 3 MTX-DF (165.55 – 167.4875 MHz)  Single Frequency Mobile (172 – 172.0375 MHz) Mobile 4 MTX-DF (167.5 – 168.9375 MHz)  Meter Reading (169.4 – 169.475 MHz) Non-specific SRD's – Telecommand only (173.2125 – 173.2375 MHz)	Paired with Mobile 2 BTX-DF (170.05 – 170.5375 MHz)  Paired with Mobile 3 BTX-DF (172.05 – 173.9875 MHz)  Paired with Mobile 4 BTX (170.55 – 171.9875 MHz)  Radio Frequency Spectrum Regulations (Annex B) (GG. No.38641, 30 March 2015).

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
5.226 5.229	5.226 NF5	Non-specific SRDs (173.2375 – 173.2875 MHz) Wireless microphones and assistive listening devices (173.7 – 175.1 MHz)	
<b>174-223 MHz</b>  BROADCASTING         5.235 5.237 5.243	<b>174-223 MHz</b>  BROADCASTING         NF5	Television Broadcasting (174 – 214 MHz) T-DAB (214 – 230 MHz) Sound-Broadcasting         Wireless microphones (173.7 – 175.1 MHz)	The Terrestrial Broadcasting Frequency Plan as amended (GG no.36321) 02 April 2013 TV Band III Migration from analogue to digital is harmonised in SADC. Digital sound broadcasting is being planned in this band.
<b>223-230 MHz</b>  BROADCASTING Fixed Mobile	<b>223-230 MHz</b>  BROADCASTING	T-DAB (214 – 230 MHz) Sound Broadcasting	The Terrestrial Broadcasting Frequency Plan as amended (GG no.36321) 02 April 2013 TV Band III Migration from analogue to digital is harmonised in SADC. Digital sound broadcasting is being planned in this band.

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
5.243 5.246 5.247			
<b>230-235 MHz</b>  FIXED MOBILE  5.247 5.251 5.252	<b>230-238 MHz</b>  BROADCASTING 5.252  5.254	Television broadcasting (230 – 238 MHz)	The Terrestrial Broadcasting Frequency Plan as amended (GG no.36321) 02 April 2013
<b>235-267 MHz</b>  FIXED MOBILE	<b>238-246 MHz</b>  MOBILE 5.111 5.252 5.254 5.256	238-242.95 MHz PMR and/or PAMR	Future consideration for Broadcasting in 238 – 240 MHz
		International Distress Frequency at 243 MHz (242.95 – 243.05 MHz)	Band available for distress and safety purposes.
		243.05-246.00 MHz Low-power devices	Low-power devices ancillary to the broadcasting service.
	<b>246-254 MHz</b>  BROADCASTING 5.252	Television broadcasting (246-254 MHz)	The Terrestrial Broadcasting Frequency Plan as amended (GG no.36321) 02 April 2013



ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
5.254	5.254		
<b>273-312 MHz</b> FIXED MOBILE 5.254	<b>273-312 MHz</b> MOBILE 5.254	Single Frequency Mobile (278 – 286 MHz) Government Services	
<b>312-315 MHz</b> FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255	<b>312-315 MHz</b> MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255	Government Services	
<b>315-322 MHz</b> FIXED MOBILE 5.254	<b>315-322 MHz</b> MOBILE 5.254	Government Services	
<b>322-328.6 MHz</b> FIXED MOBILE RADIO ASTRONOMY 5.149	<b>322-328.6 MHz</b> MOBILE RADIO ASTRONOMY 5.149	Government Services	

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
<b>328.6-335.4 MHz</b>  AERONAUTICAL RADIONAVIGATION 5.258  5.259	<b>328.6-335.4 MHz</b>  AERONAUTICAL RADIONAVIGATION 5.258	ILS Glide Path	
<b>335.4-387 MHz</b>  FIXED MOBILE	<b>335.4-387 MHz</b>  FIXED NF6 MOBILE NF7	FWA (336 – 346 MHz) FWA (356 – 366 MHz) 366-380 MHz (Govt.) Digital Trunking (Emergency) (380 – 387 MHz) (PPDR <sup>11</sup> ) 335.4-336 MHz PMR and/or PAMR	Paired with 356 – 366 MHz Paired with 336 – 346 MHz  Paired with 390 – 397 MHz
		336-346 MHz Fixed Wireless Access	PTP/PTMP system; Paired with 356-366 MHz
		336-346 Unmanned Aerial Vehicle (UAV)	Unmanned Aerial Vehicle (UAV) 336-346 paired with 356-366 MHz. (Coordination is required with PTP/PTMP in the implement of UAV)
		356.0-366.0 MHz Fixed Wireless Access	PTP/PTMP system; Paired with 336-346 MHz

<sup>11</sup> [http://www.crasa.org/common\\_up/crasa-setup/12-03-2015\\_GUIDELINES%20ON%20FREQUENCIES%20FOR%20PPDR%202014.pdf](http://www.crasa.org/common_up/crasa-setup/12-03-2015_GUIDELINES%20ON%20FREQUENCIES%20FOR%20PPDR%202014.pdf)

ITU Region 1 allocations and footnotes	South African allocations and footnotes	Typical Applications	Notes and Comments
		366.0-380.0 MHz PMR and/or PAMR	
5.254	5.254		
<b>387-390 MHz</b>  FIXED MOBILE Mobile-satellite (space-to-Earth)	<b>387-390 MHz</b>  MOBILE NF7 Mobile-satellite (space-to-Earth)	Digital Trunking (387 – 390 MHz) (Govt.) 387.0-390.0 MHz PMR and/or PAMR	Paired with 397 – 399.9 MHz Paired with 397.0-399.9 MHz (To be used mainly for digital systems.)
5.208A 5.208B 5.254 5.255	5.208A 5.208B 5.254 5.255		
<b>390-399.9 MHz</b>  FIXED MOBILE	<b>390-399.9 MHz</b>  MOBILE NF7	Emergency) (390 – 397 MHz) (PPDR)	Paired with 380 – 387 MHz
5.254	5.254	Government Services PMR and/or PAMR (397 – 399.9 MHz) (Govt.)	Paired with 387 – 390 MHz In accordance with Resolution 646 and Recommendation ITU-R M.2015.
<b>399.9-400.05 MHz</b>  MOBILE-SATELLITE (Earth-to-space) 5.209 5.220	<b>399.9-400.05 MHz</b>  MOBILE-SATELLITE (Earth-to-space) 5.209 5.220		