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**FOCAL POINT REGARDING CORRESPONDENCE ON THIS QUESTIONNAIRE
(PARTS I AND II)**

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Section IV – Table of Frequency Allocations (extract from the RR, 1998)

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
27.5-47 MHz				
27.5-28	METEOROLOGICAL AIDS FIXED MOBILE		FIXED AND MOBILE civ. METEOROLOGICAL AIDS Fixed and mobile mil.	5 frequencies for cordless microphones, F3E modulation, max ERP 25 mW, 8.5 kHz bandwidth, 2kHz deviation (general license).(27 755.0, 27 765.0, 27 775.0, 27 785.0, 27 795.0 kHz)
28-29.7	AMATEUR AMATEUR-SATELLITE		AMATEUR AMATEUR-SATELLITE Fixed and mobile mil.	
29.7-30.005	FIXED MOBILE		FIXED AND MOBILE civ. Fixed and mobile mil.	
30.005-30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		SPACE RESEARCH FIXED AND MOBILE civ. Fixed and mobile mil.	

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30.01-37.5	FIXED MOBILE	30.1 - 32.8625 MHz MOBILE mil. Mobile civ. 32.8625 - 35.0 MHz MOBILE civ. Mobile mil. 35.0 - 37.5 MHz FIXED AND MOBILE civ. /FIXED AND MOBILE mil./	5 frequencies used by fire brigades (32.120, 32.145, 32.170, 32.195, 32.220 MHz) 30.075-30.300 MHz - CTO, 25 kHz channel (duplex +9.695 MHz), (as secondary service) - general license 32.8625-33.0 Remote control, max ERP 10 W, 25 kHz raster. 35.010-35.200 MHz Remote airplane models' control, max ERP 1 W (general license). 36.100-36.400 MHz Telemetry and remote models' control. 2 x 9 frequencies for cordless microphones (general license): -modulation F3E, max ERP 25 mW, 36 kHz bandwidth, 15 kHz deviation (36.42, 36.46, 36.50, 36.54, 36.58, 36.60, 36.60, 36.62, 38.40, 38.48 MHz). -modulation F3E, max ERP 20 mW, 180 kHz bandwidth 38.765 - 38.900 MHz Telemetry and remote control (simplex).
37.5-38.25	FIXED MOBILE Radio astronomy S5.149	FIXED AND MOBILE civ. /FIXED AND MOBILE mil./	Rec. T/R 75-03
38.25-39.986	FIXED MOBILE	38.25 - 39.0 MHz FIXED AND MOBILE civ. /FIXED AND MOBILE mil./ 39.0 - 39.986 MHz FIXED AND MOBILE mil.	39.77 - 40.00 MHz CTO, duplex - 9.695 MHz (as secondary service).

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39.986-40.02	FIXED MOBILE Space research	39.986 - 40.0 MHz FIXED AND MOBILE mil. 40.0 - 40.02 MHz FIXED AND MOBILE civ Fixed and mobil mil. S5.150.	39.77 - 40.00 MHz CTO, duplex - 9.695 MHz (as secondary service).
40.02-40.98	FIXED MOBILE S5.15	FIXED AND MOBILE civ Fixed and mobil mil. S5.150	40.66-40.70 MHz ISM, LPD equipment with max ERP 10 mW (general license). 40.665-40.695MHz 4 frequencies for remote models' control, max ERP 0,1 W (general license). 40.715-40.985 MHz 18 frequencies for remote models' control, max ERP 1 W (general license).
40.98-41.015	FIXED MOBILE Space research S5.160 S5.161	40.98 -41.0 MHz FIXED AND MOBILE civ Fixed and mobil mil. 41.0 - 41.015 MHz FIXED AND MOBILE mil. S5.150	40.715 - 40.985 MHz 18 frequencies for remote models' control, max ERP 1 W (general license).
41.015-44	FIXED MOBILE S5.160 S5.161	FIXED AND MOBILE mil.	
44-47	FIXED MOBILE S5.162 S5.162A	44.0 - 46.0 MHz MOBILE civ. 46.0 - 47.0 MHz MOBILE mil.	44.0 - 46.0 MHz max ERP 10 W, 25 kHz raster

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47-75.2 MHz

47-68 BROADCASTING	47-50 FIXED MOBILE	47-50 FIXED MOBILE BROADCASTING	47.0 - 48.0 Mobile mil., civ. [1]	
	50-54 AMATEUR S5.166 S5.167 S5.168 S5.170			
	54-68 BROADCASTING Fixed Mobile	54-68 FIXED MOBILE BROADCASTING	48.0 - 66.0 MHz BROADCASTING Mobile mil. [1] 66.0 - 67.0 MHz BROADCASTING Mobile civ. 67.0 - 68.0 MHz BROADCASTING Mobile mil. [1] S5.163	I. TV band frequency plan, channels 1,2 (CCIR-D TV standard): 1st channel (48.5-56.5 MHz), 2sd channel (58.5-66.0 MHz). 56.5-58.0 MHz LPD equipment with maximum ERP 10 mW (general license).
S5.162A S5.163 S5.164 S5.165 S5.169 S5.171	S5.172			

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68-74.8 FIXED MOBILE except aeronautical mobile S5.149 S5.174 S5.175 S5.177 S5.179	68-72 BROADCASTING Fixed Mobile S5.173	68-74.8 FIXED MOBILE S5.149 S5.176 S5.179	68.0 - 73.0 MHz Mobile civ. 73.0 - 74.8 MHz FIXED civ. Mobile mil. S5.149 <u>S5.179</u>	73.0-74.80 MHz Maximum ERP 10 W, 25 kHz raster Rec. T/R 75-03
	72-73 FIXED MOBILE			
	73-74.6 RADIO ASTRONOMY S5.178			
	74.6-74.8 FIXED MOBILE			
74.8-75.2	AERONAUTICAL RADIONAVIGATION S5.180 S5.181		AERONAUTICAL RADIONAVIGATION civ., mil. Mobile mil. S5.180	

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

75.2-137.175 MHz

75.2-87.5 FIXED MOBILE except aeronautical mobile S5.175 S5.179 S5.184 S5.187	75.2-75.4 FIXED MOBILE S5.179		MOBILE civ. Mobile mil. S5.179	
	75.4-76 FIXED MOBILE	75.4-87 FIXED MOBILE S5.149 S5.182 S5.183 S5.188		
	76-88 BROADCASTING Fixed Mobile			
	87.5-100 BROADCASTING S5.190	S5.185	87-100 FIXED MOBILE BROADCASTING	BROADCASTING Mobile mil.
	88-100 BROADCASTING			
100-108	BROADCASTING S5.192 S5.194		BROADCASTING Mobile mil.	Geneva frequency plan 1984 broadcasting band FM-VHF II. <u>ERC/DEC/(96)13</u> The band 104-108 MHz is controlled against to aerial navigation.

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108-117.975	AERONAUTICAL RADIONAVIGATION S5.197	AERONAUTICAL RADIONAVIGATION civ., mil	VOR (non-directive beacon, max 3MW). ILS - localisation signal (course beacon), link with the band 328.6-335.0 MHz
117.975-137	AERONAUTICAL MOBILE (R) S5.111 S5.198 S5.199 S5.200 S5.201 S5.202 S5.203 S5.203A S5.203B	AERONAUTICAL MOBI- LE civ., mil. S5.111 S5.198 S5.199 S5.200 <u>S5.201</u> S5.202 S5.203	121.5 MHz - MAY DAY, PAN PAN- distress frequency. Air-to-ground-to-air phonic traffic. 118-137 MHz Radio transmitters and receivers at aeronautical stations of the aeronautical mobile service. ERC/DEC/(98)28
137-137.025	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208	AERONAUTICAL MOBI- LE mil. S5.206 S5.208A S5.208 S5.209	Air-to-ground-to-air phonic traffic.
137.025-137.175	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208	AERONAUTICAL MOBI- LE mil. <u>S5.206</u> S5.208	Air-to-ground-to-air phonic traffic.

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

137.175-148 MHz

137.175-137.825	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208		AERONAUTICAL MOBI- LE mil. S5.206 S5.208	Air-to-ground-to-air phonic traffic.
137.825-138	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208		AERONAUTICAL MOBI- LE mil. S5.206 S5.208	Air-to-ground-to-air phonic traffic.
138-143.6 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	138-143.6 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	138-143.6 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213	AERONAUTICAL MOBI- LE mil. S5.210	Air-to-ground-to-air phonic traffic.

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143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214	143.6-143.65 FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth)	143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) S5.207 S5.213	AERONAUTICAL MOBILE mil. <u>S5.210</u>	Air-to-ground-to-air phonic traffic.
143.65-144 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	143.65-144 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	143.65-144 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213	AERONAUTICAL MOBILE mil. <u>S5.210</u>	Air-to-ground-to-air phonic traffic.
144-146	AMATEUR S5.120 AMATEUR-SATELLITE S5.216		AMATEUR [1] AMATEUR-SATELLITE Mobile mil. 1 S5.120	
146-148 FIXED MOBILE except aeronautical mobile (R)	146-148 AMATEUR S5.217	146-148 AMATEUR FIXED MOBILE S5.217	FIXED MOBILE mil. S5.218	

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

148-174 MHz

148-149.9 FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221	148-149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221	MOBILE civ. Mobile mil. S5.209 S5.218 S5.219 S5.221	149.0-149.3625 MHz Remote control. 4 frequencies for cordless microphones (general license): - modulation F3E, max ERP 25 mW, 36 kHz bandwidth, 15 kHz deviation (149.400, 149.475, 149.550, MHz). - modulation F3E, max ERP 20 mW, 180 kHz bandwidth, 75 kHz deviation (149.500 MHz).
149.9-150.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.224B S5.220 S5.222 S5.223	LAND MOBILE - SATELLITE (Earth-to-space) RADIONAVIGATION-SATELLITE Mobile mil. S5.220 S5.222 S5.223	

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<p>150.05-153 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149</p>	<p>150.05-156.7625 FIXED MOBILE</p>	<p>MOBILE civ. Mobile mil. Radiolocation mil. S5.149</p>	<p>2 bands (150.05-150.9875 MHz and 152.3375-153.5625 MHz) reserved for Slovak Railways</p>
<p>153-154 FIXED MOBILE except aeronautical mobile (R) Meteorological Aids</p>		<p>153.0 - 153.5625 MHz MOBILE civ. Mobile mil. Radiolocation mil. S5.149 153:5625 -154.0 MHz MOBILE mil. Radiolocation mil.</p>	
<p>154-156.7625 FIXED MOBILE except aeronautical mobile (R) S5.226 S5.227</p>	<p>S5.225 S5.226 S5.227</p>	<p>154.0 - 155.5125 MHz MOBILE mil. Radiolocation mil. 155.5125 - 156.8375 MHz MOBILE civ. Radiolocation mil. S5.226 S5.227</p>	<p>155.5125-156.0 MHz max ERP 10 W, 25kHz raster.</p>

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<p>156.7625-156.8375</p>	<p>MARITIME MOBILE (distress and calling) S5.111 S5.226</p>	<p>MOBILE civ. Radiolocation mil. S5.111 S5.226</p>	<p>Dunajplavba. SPaP (OMC, port services, etc.), according to Annex 18 RP and Danube committee recommendations. 156.0-174.0 MHz radiotelephon transmitters and receivers for the maritime mobile service <u>ERC/DEC/(96)20</u> Slovak Railways: 157.45-158.3875 MHz.</p>
<p>156.8375-174 FIXED MOBILE except aeronautical mobile</p> <p>S5.226 S5.229</p>	<p>156.8375-174 FIXED MOBILE</p> <p>S5.226 S5.230 S5.231 S5.232</p>	<p>158.8375 - 160.6375 MHz FIXED mil. MOBILE mil. Radiolocation mil. 160.6375 - 162.5 MHz MOBILE civ. Mobile mil. Radiolocation mil. 162.5 - 164.4875 MHz MOBILE civ. Radiolocation mil. 164.4875 - 165.5125 MHz FIXED AND MOBILE mil. Radiolocation mil. 165.5125- 170.4875 MHz MOBILE civ. Mobile mil. Radiolocation mil. 170.4875 - 172.5125 MHz FIXED AND MOBILE mil. 172.5125 - 174.0 MHz MOBILE civ. Mobile mil. S5.226</p>	<p>Dunajplavba. SPaP (OMC, port services, etc.), according to Annex 18 RP and Danube committee recommendations. 156.0-174.0 MHz Radiotelephone transmitters and receivers for the maritime mobile service <u>ERC/DEC/(96)20</u> 160.6375-162.5 MHz Max ERP 10 W, 25 kHz raster. 165.5125-170.4875 MHz Max ERP 10 W, 25 kHz raster. 169.4125-169.8125 MHz ERMES ERC/DEC/(98)23 ERC/DEC/(94)02 172.5125-174.0 MHz Max ERP 10 W, 25 kHz raster.</p>

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

174-335.4 MHz

174-223 BROADCASTING S5.235 S5.237 S5.243	174-216 BROADCASTING Fixed Mobile S5.234	174-223 FIXED MOBILE BROADCASTING S5.233 S5.238 S5.240 S5.245	BROADCASTING Fixed and mobile mil.	III. TV band frequency plan, channels 6-12 (CCIR-D, B1 TV standard): - 174.0-230.0 MHz, 8 MHz raster, 2 frequencies for cordless microphones (general license): - modulation F3E, max.ERP 20 mW,180 kHz bandwidth, 75 kHz deviation (174.300, 174.700 MHz).
	216-220 FIXED MARITIME MOBILE Radiolocation S5.241 S5.242			

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	220-225			
223-230 BROADCASTING Fixed Mobile	AMATEUR FIXED MOBILE Radiolocation S5.241	223-230 FIXED MOBILE BROADCASTING	BROADCASTING Fixed and mobile mil.	III. TV band frequency plan, (CCIR-D, TV standard): - 12th channel (222.0-230.0 MHz). Future allocated to T-DAB, Wiesbaden frequency plan 1995
S5.243 S5.246 S5.247	225-235 FIXED MOBILE	AERONAUTICAL RADIONAVIGATION Radiolocation S5.250		
230-235 FIXED MOBILE		230-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION S5.250	AERONAUTICAL MOBILE civ., mil.	Air-to-ground-to-air-phonetic traffic. (220-400 MHz – 2nd aerial band)
S5.247 S5.251 S5.252				

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235-267	FIXED MOBILE S5.111 S5.199 S5.252 S5.254 S5.256	235.0 – 260.0 MHz FIXED AND MOBILE civ.,mil. 260.0 – 267.0 MHz FIXED mil. AERONAUTICAL MOBI- LE mil. S5.111 S5.199 S5.254 S5.256	235.0-245.0 MHz One-channel directional radio relay links VAM. 243.0MHz – Distress frequency (analogy to 121.5 MHz). 246.0-260.0 MHz Four-channel directional radio relay links VAM 811.
267-272	FIXED MOBILE Space operation (space-to-Earth) S5.254 S5.257	FIXED mil. AERONAUTICAL MOBI- LE mil. S5.254 S5.257	
272-273	SPACE OPERATION (space-to-Earth) FIXED MOBILE S5.254	FIXED mil. AERONAUTICAL MOBI- LE mil. S5.254 S5.257	

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273-312	FIXED MOBILE S5.254	273.0 – 300.0 MHz FIXED mil. AERONAUTICAL MOBILE mil. 300.0 – 303.5 MHz TELEMETRY 303.5 –312.0 MHz MOBILE civ. Mobile mil. Aeronautical mobile mil. S5.254	300.0-303.5 MHz Broadband telemetry – fixed and mobile also. 300.525-301.500 MHz Mobile services of Slovak Railways and narrowband telemetry – fixed and mobile also (up to 1 W).
312-315	FIXED MOBILE Mobile-satellite (Earth-to-space) S5.254 S5.255	MOBILE civ. Mobile mil. Aeronautical mobile mil. S5.254 S5.255	
315-322	FIXED MOBILE S5.254	FIXED mil. AERONAUTICAL MOBILE mil. S5.254	

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322-328.6	FIXED MOBILE RADIO ASTRONOMY S5.149	322.0 – 328.0 MHz AERONAUTICAL MOBILE mil. FIXED mil. 328.0 – 328.6 MHz AERONAUTICAL MOBILE mil.	
328.6-335.4	AERONAUTICAL RADIONAVIGATION S5.258 S5.259	AERONAUTICAL RADIONAVIGATION civ., mil. Mobile mil. S5.258	ILS – glide path signal (glide path beacon), link with the band 108-118 MHz.

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

335.4-410 MHz

335.4-387	FIXED MOBILE S5.254		335.4 – 336.0 MHz MOBILE mil. 336.0 – 339.5 MHz TELEMETRY Aeronautical mobile mil. Mobile mil. 339.5 – 351.125 MHz MOBILE civ. Fixed and mobile mil. 351.0125 – 387.0 MHz FIXED mil. AERONAUTICAL MOBILE mil. S5.254	336.0 – 339.5 MHz Broadband telemetry – fixed and mobile also. 336.525-337.5 MHz Mobile services of Slovak Railways and narrowband telemetry – fixed (up to 0.1 W). 337.525-339.5 MHz Narrowband telemetry – fixed and mobile also (up to 1 W). 352-380 MHz Very short distance video transmissions (building guard), maximum ERP 100 mW. 380.0-385.0 MHz digital land mobile system (paired with 390-395 MHz).
387-390	FIXED MOBILE Mobile-satellite (space-to-Earth) S5.208A S5.254 S5.255		FIXED mil. AERONAUTICAL MOBILE mil. S5.254 S5.255	352-380 MHz Very short distance video transmissions (building guard), maximum ERP 100 mW. 382.00-384.75 MHz (+10 MHz duplex) planned Trunked Radiotelephone System of SR.

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390-399.9	FIXED MOBILE S5.254	MOBILE mil. Fixed and mobile civ. S5.254	392.00-394.75 MHz (-10 MHz duplex) planned Trunked Radiotelephone System of SR. 390.0-395.0 MHz digital land mobile system (paired with 380-385 MHz).
399.9-400.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.222 S5.224B S5.260 S5.220	RADIONAVIGATION S5.220 S5.254	
400.05-400.15	STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 S5.262	STANDARD FREQUENCY FIXED AND MOBILE Fixed mil. S5.261 <u>S5.262</u>	
400.15-401	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth) S5.262 S5.264	METEOROLOGICAL-SATELLITE STANDARD FREQUENCY Fixed mil. <u>S5.262</u> S5.264	
401-402	METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	STANDARD FREQUENCY Fixed mil.	
402-403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	METEOROLOGICAL AIDS Fixed and mobile mil.	

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403-406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	403.0 – 405.0 MHz METEOROLOGICAL AIDS Fixed and mobile mil. 405.0 – 406.0 MHz FIXED civ. Fixed and mobile mil.	
406-406.1	MOBILE-SATELLITE (Earth-to-space) S5.266 S5.267	EPIRP S5.266 S5.267	COSPAS/SARSAT –satellite rescue system, protected frequencies.
406.1-410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149	FIXED civ. Fixed and mobile mil.	

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Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks

410-960 MHz

410-420	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) S5.268		FIXED civ. MOBILE civ. Fixed mil.	FIXEDciv. –up to deadline (no new allocation). 410-415 MHz, 420-425 MHz Public Tunked Nets licenses have been given.
420-430	FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271		FIXED civ. MOBILE civ. Fixed mil.	FIXEDciv. –up to deadline (no new allocation). 410-415 MHz, 420-425 MHz Public Tunked Nets licenses have been given.
430-440 AMATEUR RADIOLOCATION S5.138 S5.271 S5.272 S5.273 S5.274 S5.275 S5.276 S5.277 S5.280 S5.281 S5.282 S5.283	430-440 RADIOLOCATION Amateur S5.271 S5.276 S5.277 S5.278 S5.279 S5.281 S5.282		AMATEUR FIXED civ. Fixed mil. <u>S5.277</u> <u>S5.282</u>	430.0-432.0 MHz Telemetry, max 1W. 433.2125-434.5875 MHz ISM, LPD equipment with ERP max 10 mW (remote crane control...) (general license). ERC/REC 70-03

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<p>440-450</p>	<p>FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 S5.284 S5.285 S5.286</p>	<p>440.0 – 441.025 MHz FIXED mil. Fixed and mobile civ. 441.025 – 445.0 MHz RADIOLOCATION civ., mil. 445.0 – 448.0 MHz FIXED mil. 448.0 –450.0 MHz MOBILE civ. Fixed mil.</p>	<p>446.0-446.1 MHz for PMR 446. ERC/DEC/(98)25 448.0-450.0 MHz simplex, 20 kHz raster, max ERP 15 W.</p>
<p>450-455</p>	<p>FIXED MOBILE S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E</p>	<p>MOBILE civ. Fixed mil. S5.286</p>	<p>450.0-451.3 MHz duplex + 10 MHz, 12.5 kHz raster, max ERP 15 W. 451.31-455.73 MHz NMT 450, duplex + 10 MHz, EuroTel (wide-area). Rec. T/R 75-03</p>
<p>455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</p>	<p>455-456 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 S5.271</p>	<p>455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</p>	<p>MOBILE civ. Fixed mil. S5.286B 451.31-455.73 MHz NMT 450, duplex + 10 MHz, EuroTel (wide-area). 455.73-457.4 MHz and 458.5- 460.0 MHz duplex + 10 MHz, 20 kHz raster, max ERP 15 W.</p>

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<p>456-459</p>	<p>FIXED MOBILE S5.271 S5.287 S5.288</p>	<p>456.0 – 457.4 MHz MOBILE civ. Fixed mil. 457.4 –458.5 MHz UIC 458.5 – 459.0 MHz MOBILE civ. Fixed mil. S5.287</p>	<p>455.73-457.4 MHz and 458.5-460.0 MHz duplex + 10 MHz, 20 kHz raster, max ERP 15 W. 457.4-458.5 MHz Slovak Railways, duplex + 10MHz. Rec. T/R 22-01</p>
<p>459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</p>	<p>459-460 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 S5.271</p>	<p>459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</p>	<p>MOBILE civ. Fixed mil. S5.286B</p>

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<p>460-470</p>	<p>FIXED MOBILE Meteorological-Satellite (space-to-Earth) S5.287 S5.288 S5.289 S5.290</p>	<p>460.0 – 461.30 MHz MOBILE civ. Fixed mil. 461.31 – 467.4 MHz MOBILE civ. Mobile mil. 467. – 468.5 MHz UIC 468.5 – 470.0 MHz MOBILE civ. Fixed mil. S5.287 S5.289 <u>S5.290</u></p>	<p>460.0-461.31 MHz Duplex –10 MHz, 12.5kHz raster, max ERP 15 W. 461.310-465.73 MHz NMT 450, duplex –10MHz, EuroTel (wide-area). 468.50-470.00 MHz Duplex –10 MHz, 20 kHz raster, max ERP 15 W. 467.4-468.4 MHz Sloval Railways, duplex –10 MHz.</p>
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470-790 BROADCASTING S5.149 S5.291A S5.294 S5.296 S5.300 S5.302 S5.304 S5.306 S5.311 S5.312	470-512 BROADCASTING Fixed Mobile S5.292 S5.293	470-585 FIXED MOBILE BROADCASTING S5.291 S5.298	470.0 – 734.0 MHz BROADCASTING Fixed mil. 734.0 – 742.0 MHz FIXED mil. 742.0 – 790.0 MHz	470.0-734.0 MHz IV.-V. TV band frequency plan (TV systems CCIR-K, G), 21st- 53rd channels, 8 MHz raster. 742.0-790.0 MHz V. TV band frequency plan (TV systems CCIR-K, G), 55th-60th channels, 8 MHz raster, 55th TV channel – max ERP 100 W. Rec. T/R 75-03 Radionavigation – until 2007
	512-608 BROADCASTING S5.297	585-610 FIXED MOBILE BROADCASTING RADIONAVIGATION S5.149 S5.305 S5.306 S5.307	BROADCASTING Fixed mil. S5.149 S5.306 S5.331 <u>S5.312</u>	
	608-614 RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	610-890 FIXED MOBILE BROADCASTING	BROADCASTING Fixed mil. S5.149 S5.306 S5.331 <u>S5.312</u>	
	614-806 BROADCASTING Fixed Mobile S5.293 S5.309 S5.311		BROADCASTING Fixed mil. S5.149 S5.306 S5.331 <u>S5.312</u>	
	790-862 FIXED BROADCASTING S5.312 S5.314 S5.315 S5.316 S5.319 S5.321	806-890 FIXED MOBILE BROADCASTING	BROADCASTING Fixed mil. S5.149 S5.306 S5.331 <u>S5.312</u>	

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<p>862-890 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322</p> <p>S5.319 S5.323</p>	<p>S5.317 S5.318</p>	<p>S5.149 S5.305 S5.306 S5.307 S5.311 S5.320</p>	<p>862.0 – 864.0 MHz RADIONAVIGATION mil. 864.1 – 868.1 MHz MOBILE civ. 868.0 – 885.0 MHz RADIONAVIGATION mil. 885.0 – 887.0 MHz MOBILE civ. 887.0 – 888.0 MHz RADIONAVIGATION mil. 888.0 – 890.0 MHz MOBILE civ. <u>S5.323</u></p>	<p>863-865 MHz Audio applications (general license) ERC/REC 70 – 03 864.0-868.0 MHz Cordless telephones, system CT2, max ERP 10 mW (general license). <u>ERC/DEC/(96)18</u> 869.20-869.25 MHz Social alarms. <u>ERC/DEC/(97)06</u> 876-880 MHz UIC draft – connection to train in motion. 885.0-887.0 MHz Cordless telephones, system CT1+, duplex +45 MHz, max ERP 10 mW (general license +notify responsibility). 880-890 MHz GSM mobile terminals. ERC/DEC/(98)20 ERC/DEC/(98)06 ERC/(DEC)/(98)07 879.23-881.05 MHz CDMA for WLL (duplex 834.23-836.05 MHz) 881.23-883.05 MHz CDMA for WLL (duplex 836.23-838.05 MHz)</p>
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<p>890-942 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 Radiolocation</p>	<p>890-902 FIXED MOBILE except aeronautical mobile Radiolocation S5.318 S5.325</p>	<p>890-942 FIXED MOBILE BROADCASTING Radiolocation</p>	<p>890.0 - 908.4 MHz MOBILE civ. 908.4 – 914.0 MHz RADIONAVIGATION mil. 914.0 – 915.0 MHz MOBILE civ. 915.0 – 930.0 MHz RADIONAVIGATION mil. 930.0 – 932.0 MHz MOBILE civ. Radionavigation mil. 932.0 – 933.0 MHz RADIONAVIGATION mil. 933.0 – 942.0 MHz MOBILE civ. <u>S5.323</u></p>	<p>890.0-915 MHz GSM mobile terminals Rec. T/R 75-02:GSM ERC/DEC/(98)20 ERC/DEC/(98)07 ERC/DEC/(98)06 914.0-915.0 MHz Cordless telephones, system CT1, duplex +45 MHz, max ERP 10mW (general license +notify responsibility). 918.75-930.00 MHz RSBN/PRMG 921-925 MHz / 876-880 MHz R-GSM <u>ERC/DEC/(98)07</u> 930.0-932.0 MHz Cordless telephones, system CT1+, duplex -45 MHz, max ERP 10mW (general license). 925-942 MHz /880-915 MHz GSM ERC/DEC/(98)20 ERC/DEC/(98)06 ERC/DEC/(98)07 933-935 MHz/888-890 MHz Digital short-range radio equipment intended to provide voice and/or data communication (I-ETS 300 168) ERC/DEC/(98)06</p>
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	902-928 FIXED Amateur Mobile except aeronautical mobile Radiolocation S5.150 S5.325 S5.326			
S5.323	928-942 FIXED MOBILE except aeronautical mobile Radiolocation S5.325	S5.327		
942-960 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.323	942-960 FIXED MOBILE	942-960 FIXED MOBILE BROADCASTING S5.320	942.0 – 953.4 MHz MOBILE civ. 953.4 – 959.0 MHz RADIONAVIGATION mil. 959.0 – 960.0 MHz MOBILE civ. <u>S5.323</u>	942-960 MHz / 880-915 MHz GSM ERC/DEC/(98)20 953.25-960.25 MHz RSBN/PRMG 959.0-960.0 MHz Cordless telephones, system CT1, duplex -45 MHz, max ERP 10mW (general license +notify responsibility).

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S5.160 *Additional allocation:* in Botswana, Burundi, Lesotho, Malawi, Namibia, Dem. Rep. of the Congo, Rwanda and Swaziland, the band 41-44 MHz is also allocated to the aeronautical radionavigation service on a primary basis. (WRC-97)

S5.161 *Additional allocation:* in the Islamic Republic of Iran and Japan, the band 41-44 MHz is also allocated to the radiolocation service on a secondary basis.

S5.162 *Additional allocation:* in Australia and New Zealand, the band 44-47 MHz is also allocated to the broadcasting service on a primary basis.

S5.162A *Additional allocation:* in Germany, Austria, Belgium, Bosnia and Herzegovina, China, Vatican, Denmark, Spain, Estonia, Finland, France, Ireland, Iceland, Italy, Latvia, The Former Yugoslav Republic of Macedonia, Liechtenstein, Lithuania, Luxembourg, Moldova, Monaco, Norway, the Netherlands, Poland, Portugal, Slovakia, the Czech Republic, the United Kingdom, Russian Federation, Sweden, Switzerland and Turkey, the band 46-68 MHz is also allocated to the radiolocation service on a secondary basis. This use is limited to the operation of wind profiler radars in accordance with Resolution **217 (WRC-97)**. (WRC-97)

S5.163 *Additional allocation:* in Armenia, Azerbaijan, Belarus, Estonia, Georgia, Hungary, Kazakstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Slovakia, the Czech Republic, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the bands 47-48.5 MHz and 56.5-58 MHz are also allocated to the fixed and land mobile services on a secondary basis.

S5.164 *Additional allocation:* in Albania, Germany, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Côte d'Ivoire, Denmark, Spain, Finland, France, Gabon, Greece, Ireland, Israel, Italy, Jordan, Lebanon, Libya, Liechtenstein, Luxembourg, Madagascar, Mali, Malta, Morocco, Mauritania, Monaco, Nigeria, Norway, the Netherlands, Poland, Syria, the United Kingdom, Senegal, Slovenia, Sweden, Switzerland, Swaziland, Togo, Tunisia, Turkey and Yugoslavia the band 47-68 MHz, in Romania the band 47-58 MHz and in the Czech Republic the band 66-68 MHz, are also allocated to the land mobile service on a primary basis. However, stations of the land mobile service in the countries mentioned in connection with each band referred to in this footnote shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations of countries other than those mentioned in connection with the band. (WRC-97)

S5.165 *Additional allocation:* in Angola, Cameroon, the Congo, Madagascar, Mozambique, Somalia, Sudan, Tanzania and Chad, the band 47-68 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.

S5.166 *Alternative allocation:* in New Zealand, the band 50-51 MHz is allocated to the fixed, mobile and broadcasting services on a primary basis; the band 53-54 MHz is allocated to the fixed and mobile services on a primary basis.

S5.167 *Alternative allocation:* in Bangladesh, Brunei Darussalam, India, Indonesia, the Islamic Republic of Iran, Malaysia, Pakistan, Singapore and Thailand, the band 50-54 MHz is allocated to the fixed, mobile and broadcasting services on a primary basis.

S5.168 *Additional allocation:* in Australia, China and the Democratic People's Republic of Korea, the band 50-54 MHz is also allocated to the broadcasting service on a primary basis.

S5.169 *Alternative allocation:* in Botswana, Burundi, Lesotho, Malawi, Namibia, Dem. Rep. of the Congo, Rwanda, South Africa, Swaziland, Zambia and Zimbabwe, the band 50-54 MHz is allocated to the amateur service on a primary basis.

S5.170 *Additional allocation:* in New Zealand, the band 51-53 MHz is also allocated to the fixed and mobile services on a primary basis.

S5.171 *Additional allocation:* in Botswana, Burundi, Lesotho, Malawi, Mali, Namibia, Dem. Rep. of the Congo, Rwanda, South Africa, Swaziland and Zimbabwe, the band 54-68 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.

S5.172 *Different category of service:* in the French Overseas Departments in Region 2, Guyana, Jamaica and Mexico, the allocation of the band 54-68 MHz to the fixed and mobile services is on a primary basis (see No. **S5.33**).

S5.173 *Different category of service:* in the French Overseas Departments in Region 2, Guyana, Jamaica and Mexico, the allocation of the band 68-72 MHz to the fixed and mobile services is on a primary basis (see No. **S5.33**).

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S5.174 *Alternative allocation:* in Bulgaria, Hungary, Poland and Romania, the band 68-73 MHz is allocated to the broadcasting service on a primary basis and used in accordance with the decisions in the Final Acts of the Special Regional Conference (Geneva, 1960). (WRC-97)

S5.175 *Alternative allocation:* in Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the bands 68-73 MHz and 76-87.5 MHz are allocated to the broadcasting service on a primary basis. The services to which these bands are allocated in other countries and the broadcasting service in the countries listed above are subject to agreements with the neighbouring countries concerned.

S5.176 *Additional allocation:* in Australia, China, the Republic of Korea, the Philippines, the Democratic People's Republic of Korea and Western Samoa, the band 68-74 MHz is also allocated to the broadcasting service on a primary basis.

S5.177 *Additional allocation:* in Armenia, Azerbaijan, Belarus, Bulgaria, Estonia, Georgia, Kazakstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the band 73-74 MHz is also allocated to the broadcasting service on a primary basis, subject to agreement obtained under No. **S9.21**. (WRC-97)

S5.178 *Additional allocation:* in Colombia, Costa Rica, Cuba, El Salvador, Guatemala, Guyana, Honduras and Nicaragua, the band 73-74.6 MHz is also allocated to the fixed and mobile services on a secondary basis.

S5.179 *Additional allocation:* in Armenia, Azerbaijan, Belarus, Bulgaria, China, Georgia, Kazakstan, Latvia, Lithuania, Moldova, Mongolia, Kyrgyzstan, Slovakia, the Czech Republic, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the bands 74.6-74.8 MHz and 75.2-75.4 MHz are also allocated to the aeronautical radionavigation service, on a primary basis, for ground-based transmitters only.

S5.180 The frequency 75 MHz is assigned to marker beacons. Administrations shall refrain from assigning frequencies close to the limits of the guardband to stations of other services which, because of their power or geographical position, might cause harmful interference or otherwise place a constraint on marker beacons.

Every effort should be made to improve further the characteristics of airborne receivers and to limit the power of transmitting stations close to the limits 74.8 MHz and 75.2 MHz.

S5.181 *Additional allocation:* in Germany, Austria, Cyprus, Denmark, Egypt, France, Greece, Israel, Italy, Japan, Jordan, Lebanon, Malta, Morocco, Monaco, Norway, Syria, Sweden and Switzerland, the band 74.8-75.2 MHz is also allocated to the mobile service on a secondary basis, subject to agreement obtained under No. **S9.21**. In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation service, stations of the mobile service shall not be introduced in the band until it is no longer required for the aeronautical radionavigation service by any administration which may be identified in the application of the procedure invoked under No. **S9.21**. (WRC-97)

S5.182 *Additional allocation:* in Western Samoa, the band 75.4-87 MHz is also allocated to the broadcasting service on a primary basis.

S5.183 *Additional allocation:* in China, the Republic of Korea, Japan, the Philippines and the Democratic People's Republic of Korea, the band 76-87 MHz is also allocated to the broadcasting service on a primary basis.

S5.184 *Additional allocation:* in Bulgaria and Romania, the band 76-87.5 MHz is also allocated to the broadcasting service on a primary basis and used in accordance with the decisions contained in the Final Acts of the Special Regional Conference (Geneva, 1960). (WRC-97)

S5.185 *Different category of service:* in the United States, the French Overseas Departments in Region 2, Guyana, Jamaica, Mexico and Paraguay, the allocation of the band 76-88 MHz to the fixed and mobile services is on a primary basis (see No. **S5.33**).

S5.186 (SUP - WRC-97)

S5.187 *Alternative allocation:* in Albania, the band 81-87.5 MHz is allocated to the broadcasting service on a primary basis and used in accordance with the decisions contained in the Final Acts of the Special Regional Conference (Geneva, 1960).

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S5.188 *Additional allocation:* in Australia, the band 85-87 MHz is also allocated to the broadcasting service on a primary basis. The introduction of the broadcasting service in Australia is subject to special agreements between the administrations concerned.

S5.189 Not used.

S5.190 *Additional allocation:* in Monaco, the band 87.5-88 MHz is also allocated to the land mobile service on a primary basis, subject to agreement obtained under No. **S9.21**. (WRC-97)

S5.191 Not used.

S5.192 *Additional allocation:* in China and the Republic of Korea, the band 100-108 MHz is also allocated to the fixed and mobile services on a primary basis. (WRC-97)

S5.193 Not used.

S5.194 *Additional allocation:* in Azerbaijan, Lebanon, Syria, Kyrgyzstan, Somalia and Turkmenistan, the band 104-108 MHz is also allocated to the mobile, except aeronautical mobile (R), service on a secondary basis. (WRC-97)

S5.195 and **S5.196** Not used.

S5.197 *Additional allocation:* in Germany, Austria, Cyprus, Denmark, Egypt, France, Italy, Japan, Jordan, Lebanon, Malta, Morocco, Monaco, Norway, Pakistan, Syria, and Sweden, the band 108-111.975 MHz is also allocated to the mobile service on a secondary basis, subject to agreement obtained under No. **S9.21**. In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation service, stations of the mobile service shall not be introduced in the band until it is no longer required for the aeronautical radionavigation service by any administration which may be identified in the application of the procedures invoked under No. **S9.21**. (WRC-97)

S5.198 *Additional allocation:* the band 117.975-136 MHz is also allocated to the aeronautical mobile-satellite (R) service on a secondary basis, subject to agreement obtained under No. **S9.21**. (WRC-97)

S5.199 The bands 121.45-121.55 MHz and 242.95-243.05 MHz are also allocated to the mobile-satellite service for the reception on board satellites of emissions from emergency position-indicating radiobeacons transmitting at 121.5 MHz and 243 MHz (see Appendix **S13**).

S5.200 In the band 117.975-136 MHz, the frequency 121.5 MHz is the aeronautical emergency frequency and, where required, the frequency 123.1 MHz is the aeronautical frequency auxiliary to 121.5 MHz. Mobile stations of the maritime mobile service may communicate on these frequencies under the conditions laid down in Article **S31** and Appendix **S13** for distress and safety purposes with stations of the aeronautical mobile service.

S5.201 *Additional allocation:* in Angola, Armenia, Azerbaijan, Belarus, Bulgaria, Estonia, Georgia, Hungary, the Islamic Republic of Iran, Iraq, Japan, Kazakstan, Latvia, Moldova, Mongolia, Mozambique, Uzbekistan, Papua New Guinea, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the band 132-136 MHz is also allocated to the aeronautical mobile (OR) service on a primary basis. In assigning frequencies to stations of the aeronautical mobile (OR) service, the administration shall take account of the frequencies assigned to stations in the aeronautical mobile (R) service. (WRC-97)

S5.202 *Additional allocation:* in Saudi Arabia, Armenia, Azerbaijan, Belarus, Bulgaria, United Arab Emirates, Georgia, the Islamic Republic of Iran, Jordan, Kazakstan, Latvia, Moldova, Oman, Uzbekistan, Poland, Syria, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russian Federation, Tajikistan, Turkmenistan, Turkey and Ukraine, the band 136-137 MHz is also allocated to the aeronautical mobile (OR) service on a primary basis. In assigning frequencies to stations of the aeronautical mobile (OR) service, the administration shall take account of the frequencies assigned to stations in the aeronautical mobile (R) service. (WRC-97)

S5.203 In the band 136-137 MHz, existing operational meteorological satellites may continue to operate, under the conditions defined in No. **S4.4** with respect to the aeronautical mobile service, until 1 January 2002. Administrations shall not authorize new frequency assignments in this band to stations in the meteorological-satellite service. (WRC-97)

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S5.203A *Additional allocation:* in Israel, Mauritania, Qatar and Zimbabwe, the band 136-137 MHz is also allocated to the fixed and mobile, except aeronautical mobile (R), services on a secondary basis until 1 January 2005. (WRC-97)

S5.203B *Additional allocation:* in Saudi Arabia, United Arab Emirates, Jordan, Oman and Syria, the band 136-137 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a secondary basis until 1 January 2005. (WRC-97)

S5.204 *Different category of service:* in Afghanistan, Saudi Arabia, Bahrain, Bangladesh, Bosnia and Herzegovina, Brunei Darussalam, China, Cuba, the United Arab Emirates, India, Indonesia, the Islamic Republic of Iran, Iraq, Malaysia, Oman, Pakistan, Philippines, Qatar, Singapore, Sri Lanka, Thailand, Yemen and Yugoslavia, the band 137-138 MHz is allocated to the fixed and mobile, except aeronautical mobile (R), services on a primary basis (see No. **S5.33**).

S5.205 *Different category of service:* in Israel and Jordan, the allocation of the band 137-138 MHz to the fixed and mobile, except aeronautical mobile, services is on a primary basis (see No. **S5.33**).

S5.206 *Different category of service:* in Armenia, Austria, Azerbaijan, Belarus, Bulgaria, Egypt, Finland, France, Georgia, Greece, Hungary, Kazakhstan, Lebanon, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Syria, Slovakia, the Czech Republic, Romania, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the allocation of the band 137-138 MHz to the aeronautical mobile (OR) service is on a primary basis (see No. **S5.33**).

S5.207 *Additional allocation:* in Australia, the band 137-144 MHz is also allocated to the broadcasting service on a primary basis until that service can be accommodated within regional broadcasting allocations.

S5.208 The use of the band 137-138 MHz by the mobile-satellite service is subject to coordination under No. **S9.11A**. (WRC-97)

S5.208A In making assignments to space stations in the mobile-satellite service in the bands 137-138 MHz, 387-390 MHz and 400.15-401 MHz, administrations shall take all practicable steps to protect the radio astronomy service in the bands 150.05-153 MHz, 322-328.6 MHz, 406.1-410 MHz and 608-614 MHz from harmful interference from unwanted emissions. The threshold levels of interference detrimental to the radio astronomy service are shown in Table 1 of Recommendation ITU-R RA.769-1. (WRC-97)

S5.209 The use of the bands 137-138 MHz, 148-150.05 MHz, 399.9-400.05 MHz, 400.15-401 MHz, 454-456 MHz and 459-460 MHz by the mobile-satellite service is limited to non-geostationary-satellite systems. (WRC-97)

S5.210 *Additional allocation:* in Austria, France, Italy, Liechtenstein, Slovakia, the Czech Republic, the United Kingdom and Switzerland, the bands 138-143.6 MHz and 143.65-144 MHz are also allocated to the space research service (space-to-Earth) on a secondary basis. (WRC-97)

S5.211 *Additional allocation:* in Germany, Saudi Arabia, Austria, Bahrain, Belgium, Bosnia and Herzegovina, Denmark, the United Arab Emirates, Spain, Finland, Greece, Ireland, Israel, Kenya, Kuwait, The Former Yugoslav Republic of Macedonia, Liechtenstein, Luxembourg, Mali, Malta, Norway, the Netherlands, Qatar, the United Kingdom, Slovenia, Somalia, Sweden, Switzerland, Tanzania, Tunisia, Turkey and Yugoslavia, the band 138-144 MHz is also allocated to the maritime mobile and land mobile services on a primary basis.

S5.212 *Alternative allocation:* in Angola, Botswana, Burundi, Cameroon, the Central African Republic, the Congo, Gabon, Gambia, Ghana, Guinea, Iraq, Jordan, Lesotho, Liberia, Libya, Malawi, Mozambique, Namibia, Nigeria, Oman, Dem. Rep. of the Congo, Rwanda, Sierra Leone, South Africa, Swaziland, Chad, Togo, Zaire, Zambia and Zimbabwe, the band 138-144 MHz is allocated to the fixed and mobile services on a primary basis.

S5.213 *Additional allocation:* in China, the band 138-144 MHz is also allocated to the radiolocation service on a primary basis.

S5.214 *Additional allocation:* in Bosnia and Herzegovina, Croatia, Eritrea, Ethiopia, Kenya, The Former Yugoslav Republic of Macedonia, Malta, Slovenia, Somalia, Sudan, Tanzania and Yugoslavia, the band 138-144 MHz is also allocated to the fixed service on a primary basis.

S5.215 Not used.

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S5.216 *Additional allocation:* in China, the band 144-146 MHz is also allocated to the aeronautical mobile (OR) service on a secondary basis.

S5.217 *Alternative allocation:* in Afghanistan, Bangladesh, Cuba, Guyana and India, the band 146-148 MHz is allocated to the fixed and mobile services on a primary basis.

S5.218 *Additional allocation:* the band 148-149.9 MHz is also allocated to the space operation service (Earth-to-space) on a primary basis, subject to agreement obtained under No. **S9.21**. The bandwidth of any individual transmission shall not exceed ± 25 kHz.

S5.219 The use of the band 148-149.9 MHz by the mobile-satellite service is subject to coordination under No. **S9.11A**. The mobile-satellite service shall not constrain the development and use of the fixed, mobile and space operation services in the band 148-149.9 MHz.

S5.220 The use of the bands 149.9-150.05 MHz and 399.9-400.05 MHz by the mobile-satellite service is subject to coordination under No. **S9.11A**. The mobile-satellite service shall not constrain the development and use of the radionavigation-satellite service in the bands 149.9-150.05 MHz and 399.9-400.05 MHz. (WRC-97)

S5.221 Stations of the mobile-satellite service in the band 148-149.9 MHz shall not cause harmful interference to, or claim protection from, stations of the fixed or mobile services operating in accordance with the Table of Frequency Allocations in the following countries: Albania, Algeria, Germany, Saudi Arabia, Australia, Austria, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Benin, Bosnia and Herzegovina, Brunei Darussalam, Bulgaria, Cameroon, China, Cyprus, Congo, the Republic of Korea, Croatia, Cuba, Denmark, Egypt, the United Arab Emirates, Eritrea, Spain, Estonia, Ethiopia, Finland, France, Gabon, Ghana, Greece, Guinea, Guinea Bissau, Hungary, India, the Islamic Republic of Iran, Ireland, Iceland, Israel, Italy, Jamaica, Japan, Jordan, Kazakstan, Kenya, Kuwait, Latvia, The Former Yugoslav Republic of Macedonia, Lebanon, Libya, Liechtenstein, Luxembourg, Malaysia, Mali, Malta, Mauritania, Moldova, Mongolia, Mozambique, Namibia, Norway, New Zealand, Oman, Uganda, Uzbekistan, Pakistan, Panama, Papua New Guinea, Paraguay, the Netherlands, Philippines, Poland, Portugal, Qatar, Syria, Kyrgyzstan, Slovakia, Romania, the United Kingdom, Russian Federation, Senegal, Sierra Leone, Singapore, Slovenia, Sri Lanka, South Africa, Sweden, Switzerland, Swaziland, Tanzania, Chad, Thailand, Togo, Tonga, Trinidad and Tobago, Tunisia, Turkey, Ukraine, Viet Nam, Yemen, Yugoslavia, Zambia, and Zimbabwe. (WRC-97)

S5.222 Emissions of the radionavigation-satellite service in the bands 149.9-150.05 MHz and 399.9-400.05 MHz may also be used by receiving earth stations of the space research service.

S5.223 Recognizing that the use of the band 149.9-150.05 MHz by the fixed and mobile services may cause harmful interference to the radionavigation-satellite service, administrations are urged not to authorize such use in application of No. **S4.4**.

S5.224 (SUP - WRC-97)

S5.224A The use of the bands 149.9-150.05 MHz and 399.9-400.05 MHz by the mobile-satellite service (Earth-to-space) is limited to the land mobile-satellite service (Earth-to-space) until 1 January 2015. (WRC-97)

S5.224B The allocation of the bands 149.9-150.05 MHz and 399.9-400.05 MHz to the radionavigation-satellite service shall be effective until 1 January 2015. (WRC-97)

S5.225 *Additional allocation:* in Australia and India, the band 150.05-153 MHz is also allocated to the radio astronomy service on a primary basis.

S5.226 The frequency 156.8 MHz is the international distress, safety and calling frequency for the maritime mobile VHF radiotelephone service. The conditions for the use of this frequency are contained in Article **S31** and Appendix **S13**.

In the bands 156-156.7625 MHz, 156.8375-157.45 MHz, 160.6-160.975 MHz and 161.475-162.05 MHz, each administration shall give priority to the maritime mobile service on only such frequencies as are assigned to stations of the maritime mobile service by the administration (see Articles **S31** and **S52**, and Appendix **S13**).

Any use of frequencies in these bands by stations of other services to which they are allocated should be avoided in areas where such use might cause harmful interference to the maritime mobile VHF radiocommunication service.

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However, the frequency 156.8 MHz and the frequency bands in which priority is given to the maritime mobile service may be used for radiocommunications on inland waterways subject to agreement between interested and affected administrations and taking into account current frequency usage and existing agreements.

S5.227 In the maritime mobile VHF service the frequency 156.525 MHz is to be used exclusively for digital selective calling for distress, safety and calling. The conditions for the use of this frequency are prescribed in Articles **S31** and **S52**, and Appendices **S13** and **S18**.

S5.228 Not used.

S5.229 *Alternative allocation:* in Morocco, the band 162-174 MHz is allocated to the broadcasting service on a primary basis. The use of this band shall be subject to agreement with administrations having services, operating or planned, in accordance with the Table which are likely to be affected. Stations in existence on 1 January 1981, with their technical characteristics as of that date, are not affected by such agreement.

S5.230 *Additional allocation:* in China, the band 163-167 MHz is also allocated to the space operation service (space-to-Earth) on a primary basis, subject to agreement obtained under No. **S9.21**.

S5.231 *Additional allocation:* in Afghanistan, China and Pakistan, the band 167-174 MHz is also allocated to the broadcasting service on a primary basis. The introduction of the broadcasting service into this band shall be subject to agreement with the neighbouring countries in Region 3 whose services are likely to be affected.

S5.232 *Additional allocation:* in Japan, the band 170-174 MHz is also allocated to the broadcasting service on a primary basis.

S5.233 *Additional allocation:* in China, the band 174-184 MHz is also allocated to the space research (space-to-Earth) and the space operation (space-to-Earth) services on a primary basis, subject to agreement obtained under No. **S9.21**. These services shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations.

S5.234 *Different category of service:* in Mexico, the allocation of the band 174-216 MHz to the fixed and mobile services is on a primary basis (see No. **S5.33**).

S5.235 *Additional allocation:* in Germany, Austria, Belgium, Denmark, Spain, Finland, France, Israel, Italy, Liechtenstein, Malta, Monaco, Norway, the Netherlands, the United Kingdom, Sweden and Switzerland, the band 174-223 MHz is also allocated to the land mobile service on a primary basis. However, the stations of the land mobile service shall not cause harmful interference to, or claim protection from, broadcasting stations, existing or planned, in countries other than those listed in this footnote.

S5.236 Not used.

S5.237 *Additional allocation:* in the Congo, Eritrea, Ethiopia, Gambia, Guinea, Libya, Malawi, Mali, Senegal, Sierra Leone, Somalia, Tanzania and Zimbabwe, the band 174-223 MHz is also allocated to the fixed and mobile services on a secondary basis. (WRC-97)

S5.238 *Additional allocation:* in Bangladesh, India, Pakistan and the Philippines, the band 200-216 MHz is also allocated to the aeronautical radionavigation service on a primary basis.

S5.239 Not used.

S5.240 *Additional allocation:* in China and India, the band 216-223 MHz is also allocated to the aeronautical radionavigation service on a primary basis and to the radiolocation service on a secondary basis.

S5.241 In Region 2, no new stations in the radiolocation service may be authorized in the band 216-225 MHz. Stations authorized prior to 1 January 1990 may continue to operate on a secondary basis.

S5.242 *Additional allocation:* in Canada, the band 216-220 MHz is also allocated to the land mobile service on a primary basis.

S5.243 *Additional allocation:* in Somalia, the band 216-225 MHz is also allocated to the aeronautical radionavigation service on a primary basis, subject to not causing harmful interference to existing or planned broadcasting services in other countries.

S5.244 (SUP - WRC-97)

Slovakia

S5.245 *Additional allocation:* in Japan, the band 222-223 MHz is also allocated to the aeronautical radionavigation service on a primary basis and to the radiolocation service on a secondary basis.

S5.246 *Alternative allocation:* in Spain, France, Israel and Monaco, the band 223-230 MHz is allocated to the broadcasting and land mobile services on a primary basis (see No. **S5.33**) on the basis that, in the preparation of frequency plans, the broadcasting service shall have prior choice of frequencies; and allocated to the fixed and mobile, except land mobile, services on a secondary basis. However, the stations of the land mobile service shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations in Morocco and Algeria.

S5.247 *Additional allocation:* in Saudi Arabia, Bahrain, the United Arab Emirates, Jordan, Oman, Qatar and Syria, the band 223-235 MHz is also allocated to the aeronautical radionavigation service on a primary basis.

S5.248 and **S5.249** Not used.

S5.250 *Additional allocation:* in China, the band 225-235 MHz is also allocated to the radio astronomy service on a secondary basis.

S5.251 *Additional allocation:* in Nigeria, the band 230-235 MHz is also allocated to the aeronautical radionavigation service on a primary basis, subject to agreement obtained under No. **S9.21**.

S5.252 *Alternative allocation:* in Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Zambia and Zimbabwe, the bands 230-238 MHz and 246-254 MHz are allocated to the broadcasting service on a primary basis, subject to agreement obtained under No. **S9.21**.

S5.253 Not used.

S5.254 The bands 235-322 MHz and 335.4-399.9 MHz may be used by the mobile-satellite service, subject to agreement obtained under No. **S9.21**, on condition that stations in this service do not cause harmful interference to those of other services operating or planned to be operated in accordance with the Table of Frequency Allocations.

S5.255 The bands 312-315 MHz (Earth-to-space) and 387-390 MHz (space-to-Earth) in the mobile-satellite service may also be used by non-geostationary-satellite systems. Such use is subject to coordination under No. **S9.11A**.

S5.256 The frequency 243 MHz is the frequency in this band for use by survival craft stations and equipment used for survival purposes (see Appendix **S13**).

S5.257 The band 267-272 MHz may be used by administrations for space telemetry in their countries on a primary basis, subject to agreement obtained under No. **S9.21**.

S5.258 The use of the band 328.6-335.4 MHz by the aeronautical radionavigation service is limited to Instrument Landing Systems (glide path).

S5.259 *Additional allocation:* in Germany, Austria, Cyprus, the Republic of Korea, Denmark, Egypt, Spain, France, Greece, Israel, Italy, Japan, Jordan, Malta, Morocco, Monaco, Norway, the Netherlands, Syria and Sweden, the band 328.6-335.4 MHz is also allocated to the mobile service on a secondary basis, subject to agreement obtained under No. **S9.21**. In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation service, stations of the mobile service shall not be introduced in the band until it is no longer required for the aeronautical radionavigation service by any administration which may be identified in the application of the procedure invoked under No. **S9.21**. (WRC-97)

S5.260 Recognizing that the use of the band 399.9-400.05 MHz by the fixed and mobile services may cause harmful interference to the radionavigation satellite service, administrations are urged not to authorize such use in application of No. **S4.4**.

S5.261 Emissions shall be confined in a band of ± 25 kHz about the standard frequency 400.1 MHz.

S5.262 *Additional allocation:* in Saudi Arabia, Armenia, Azerbaijan, Bahrain, Belarus, Bosnia and Herzegovina, Bulgaria, Colombia, Costa Rica, Cuba, Egypt, the United Arab Emirates, Ecuador, Estonia, Georgia, Hungary, Indonesia, the Islamic Republic of Iran, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Liberia, Malaysia, Moldova, Nigeria, Uzbekistan, Pakistan, the Philippines, Qatar, Syria, Kyrgyzstan, Slovakia, Romania, Russian Federation, Singapore, Somalia, Sri Lanka, Tajikistan, Turkmenistan, Ukraine and Yugoslavia, the band 400.05-401 MHz is also allocated to the fixed and mobile services on a primary basis.

Slovakia

S5.263 The band 400.15-401 MHz is also allocated to the space research service in the space-to-space direction for communications with manned space vehicles. In this application, the space research service will not be regarded as a safety service.

S5.264 The use of the band 400.15-401 MHz by the mobile-satellite service is subject to coordination under No. **S9.11A**. The power flux-density limit indicated in Annex 1 of Appendix **S5** shall apply until such time as a competent world radiocommunication conference revises it.

S5.265 Not used.

S5.266 The use of the band 406-406.1 MHz by the mobile-satellite service is limited to low power satellite emergency position-indicating radiobeacons (see also Article **S31** and Appendix **S13**).

S5.267 Any emission capable of causing harmful interference to the authorized uses of the band 406-406.1 MHz is prohibited.

S5.268 Use of the band 410-420 MHz by the space research service is limited to communications within 5 km of an orbiting, manned space vehicle. The power flux-density at the surface of the Earth produced by emissions from extra-vehicular activities shall not exceed $-153 \text{ dB(W/m}^2\text{)}$ for $0^\circ \leq \delta \leq 5^\circ$, $-153 + 0.077 (\delta - 5) \text{ dB(W/m}^2\text{)}$ for $5^\circ \leq \delta \leq 70^\circ$ and $-148 \text{ dB(W/m}^2\text{)}$ for $70^\circ \leq \delta \leq 90^\circ$, where δ is the angle of arrival of the radio-frequency wave and the reference bandwidth is 4 kHz. No. **S4.10** does not apply to extra-vehicular activities. In this frequency band the space research (space-to-space) service shall not claim protection from, nor constrain the use and development of, stations of the fixed and mobile services. (WRC-97)

S5.269 *Different category of service:* in Australia, the United States, India, Japan and the United Kingdom, the allocation of the bands 420-430 MHz and 440-450 MHz to the radiolocation service is on a primary basis (see No. **S5.33**).

S5.270 *Additional allocation:* in Australia, the United States, Jamaica and the Philippines, the bands 420-430 MHz and 440-450 MHz are also allocated to the amateur service on a secondary basis.

S5.271 *Additional allocation:* in Azerbaijan, Belarus, China, Estonia, India, Latvia, Lithuania, Kyrgyzstan, Turkmenistan and Ukraine, the band 420-460 MHz is also allocated to the aeronautical radionavigation service (radio altimeters) on a secondary basis. (WRC-97)

S5.272 *Different category of service:* in France, the allocation of the band 430-434 MHz to the amateur service is on a secondary basis (see No. **S5.32**).

S5.273 *Different category of service:* in Denmark, Libya and Norway, the allocation of the bands 430-432 MHz and 438-440 MHz to the radiolocation service is on a secondary basis (see No. **S5.32**).

S5.274 *Alternative allocation:* in Denmark, Norway and Sweden, the bands 430-432 MHz and 438-440 MHz are allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.

S5.275 *Additional allocation:* in Bosnia and Herzegovina, Croatia, Estonia, Finland, Latvia, The Former Yugoslav Republic of Macedonia, Libya, Slovenia and Yugoslavia, the bands 430-432 MHz and 438-440 MHz are also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis. (WRC-97)

S5.276 *Additional allocation:* in Afghanistan, Algeria, Saudi Arabia, Bahrain, Bangladesh, Brunei Darussalam, Burkina Faso, Burundi, Egypt, the United Arab Emirates, Ecuador, Eritrea, Ethiopia, Greece, Guinea, India, Indonesia, the Islamic Republic of Iran, Iraq, Israel, Italy, Jordan, Kenya, Kuwait, Lebanon, Libya, Liechtenstein, Malaysia, Malta, Nigeria, Oman, Pakistan, the Philippines, Qatar, Syria, Democratic People's Republic of Korea, Singapore, Somalia, Switzerland, Tanzania, Thailand, Togo, Turkey and Yemen, the band 430-440 MHz is also allocated to the fixed service on a primary basis and the bands 430-435 MHz and 438-440 MHz are also allocated to the mobile, except aeronautical mobile, service on a primary basis. (WRC-97)

S5.277 *Additional allocation:* in Angola, Armenia, Azerbaijan, Belarus, Cameroon, the Congo, Djibouti, Gabon, Georgia, Hungary, Kazakstan, Latvia, Mali, Moldova, Mongolia, Uzbekistan, Pakistan, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russian Federation, Rwanda, Tajikistan, Chad, Turkmenistan and Ukraine, the band 430-440 MHz is also allocated to the fixed service on a primary basis. (WRC-97)

S5.278 *Different category of service:* in Argentina, Colombia, Costa Rica, Cuba, Guyana, Honduras, Panama and Venezuela, the allocation of the band 430-440 MHz to the amateur service is on a primary basis (see No. **S5.33**).

Slovakia

S5.279 *Additional allocation:* in Mexico, the bands 430-435 MHz and 438-440 MHz are also allocated on a primary basis to the land mobile service, subject to agreement obtained under No. **S9.21**.

S5.280 In Germany, Austria, Bosnia and Herzegovina, Croatia, The Former Yugoslav Republic of Macedonia, Liechtenstein, Portugal, Slovenia, Switzerland and Yugoslavia, the band 433.05-434.79 MHz (centre frequency 433.92 MHz) is designated for industrial, scientific and medical (ISM) applications. Radiocommunication services of these countries operating within this band must accept harmful interference which may be caused by these applications. ISM equipment operating in this band is subject to the provisions of No. **S15.13**.

S5.281 *Additional allocation:* in the French Overseas Departments in Region 2 and India, the band 433.75-434.25 MHz is also allocated to the space operation service (Earth-to-space) on a primary basis. In France and in Brazil, the band is allocated to the same service on a secondary basis.

S5.282 In the bands 435-438 MHz, 1 260-1 270 MHz, 2 400-2 450 MHz, 3 400-3 410 MHz (in Regions 2 and 3 only) and 5 650-5 670 MHz, the amateur-satellite service may operate subject to not causing harmful interference to other services operating in accordance with the Table (see No. **S5.43**). Administrations authorizing such use shall ensure that any harmful interference caused by emissions from a station in the amateur-satellite service is immediately eliminated in accordance with the provisions of No. **S25.11**. The use of the bands 1 260-1 270 MHz and 5 650-5 670 MHz by the amateur-satellite service is limited to the Earth-to-space direction.

S5.283 *Additional allocation:* in Austria, the band 438-440 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.

S5.284 *Additional allocation:* in Canada, the band 440-450 MHz is also allocated to the amateur service on a secondary basis.

S5.285 *Different category of service:* in Canada, the allocation of the band 440-450 MHz to the radiolocation service is on a primary basis (see No. **S5.33**).

S5.286 The band 449.75-450.25 MHz may be used for the space operation service (Earth-to-space) and the space research service (Earth-to-space), subject to agreement obtained under No. **S9.21**.

S5.286A The use of the bands 454-456 MHz and 459-460 MHz by the mobile-satellite service is subject to coordination under No. **S9.11A**. (WRC-97)

S5.286B The use of the band 454-455 MHz in the countries listed in No. **S5.286D**, 455-456 MHz and 459-460 MHz in Region 2, and 454-456 MHz and 459-460 MHz in the countries listed in No. **S5.286E**, by stations in the mobile-satellite service, shall not cause harmful interference to, or claim protection from, stations of the fixed or mobile services operating in accordance with the Table of Frequency Allocations. (WRC-97)

S5.286C The use of the band 454-455 MHz in the countries listed in No. **S5.286D**, 455-456 MHz and 459-460 MHz in Region 2, and 454-456 MHz and 459-460 MHz in the countries listed in No. **S5.286E**, by stations in the mobile-satellite service, shall not constrain the development and use of the fixed and mobile services operating in accordance with the Table of Frequency Allocations. (WRC-97)

S5.286D *Additional allocation:* in Canada, the United States, Mexico and Panama, the band 454-455 MHz is also allocated to the mobile-satellite service (Earth-to-space) on a primary basis. (WRC-97)

S5.286E *Additional allocation:* in Cape Verde, Indonesia, Nepal, Nigeria and Papua New Guinea, the bands 454-456 MHz and 459-460 MHz are also allocated to the mobile-satellite (Earth-to-space) service on a primary basis. (WRC-97)

S5.287 In the maritime mobile service, the frequencies 457.525 MHz, 457.550 MHz, 457.575 MHz, 467.525 MHz, 467.550 MHz and 467.575 MHz may be used by on-board communication stations. Where needed, equipment designed for 12.5 kHz channel spacing using also the additional frequencies 457.5375 MHz, 457.5625 MHz, 467.5375 MHz and 467.5625 MHz may be introduced for on-board communications. The use of these frequencies in territorial waters may be subject to the national regulations of the administration concerned. The characteristics of the equipment used shall conform to those specified in Recommendation ITU-R M.1174 (see Resolution **341 (WRC-97)**). (WRC-97)

Slovakia

S5.288 In the territorial waters of the United States and the Philippines, the preferred frequencies for use by on-board communication stations shall be 457.525 MHz, 457.550 MHz, 457.575 MHz and 457.600 MHz paired, respectively, with 467.750 MHz, 467.775 MHz, 467.800 MHz and 467.825 MHz. The characteristics of the equipment used shall conform to those specified in Recommendation ITU-R M.1174.

S5.289 Earth exploration-satellite service applications, other than the meteorological-satellite service, may also be used in the bands 460-470 MHz and 1 690-1 710 MHz for space-to-Earth transmissions subject to not causing harmful interference to stations operating in accordance with the Table.

S5.290 *Different category of service:* in Afghanistan, Armenia, Azerbaijan, Belarus, China, Japan, Kazakstan, Mongolia, Uzbekistan, Kyrgyzstan, Slovakia, the Czech Republic, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the allocation of the band 460-470 MHz to the meteorological-satellite service (space-to-Earth) is on a primary basis (see No. **S5.33**), subject to agreement obtained under No. **S9.21**. (WRC-97)

S5.291 *Additional allocation:* in China, the band 470-485 MHz is also allocated to the space research (space-to-Earth) and the space operation (space-to-Earth) services on a primary basis subject to agreement obtained under No. **S9.21** and subject to not causing harmful interference to existing and planned broadcasting stations.

S5.291A *Additional allocation:* in Germany, Austria, Denmark, Estonia, Finland, Liechtenstein, Norway, Netherlands, the Czech Republic and Switzerland, the band 470-494 MHz is also allocated to the radiolocation service on a secondary basis. This use is limited to the operation of wind profiler radars in accordance with Resolution **217 (WRC-97)**. (WRC-97)

S5.292 *Different category of service:* in Mexico and Venezuela, the allocation of the band 470-512 MHz to the fixed and mobile services, and in Argentina and Uruguay to the mobile service, is on a primary basis (see No. **S5.33**), subject to agreement obtained under No. **S9.21**.

S5.293 *Different category of service:* in Chile, Colombia, Cuba, the United States, Guyana, Honduras, Jamaica, Mexico and Panama, the allocation of the bands 470-512 MHz and 614-806 MHz to the fixed and mobile services is on a primary basis (see No. **S5.33**), subject to agreement obtained under No. **S9.21**.

S5.294 *Additional allocation:* in Burundi, Cameroon, the Congo, Ethiopia, Israel, Kenya, Lebanon, Libya, Malawi, Senegal, Sudan, Syria, and Yemen, the band 470-582 MHz is also allocated to the fixed service on a secondary basis.

S5.295 Not used.

S5.296 *Additional allocation:* in Germany, Austria, Belgium, Cyprus, Denmark, Spain, Finland, France, Ireland, Israel, Italy, Libya, Malta, Morocco, Monaco, Norway, the Netherlands, Portugal, Syria, the United Kingdom, Sweden, Switzerland, Swaziland and Tunisia, the band 470-790 MHz is also allocated on a secondary basis to the land mobile service, intended for applications ancillary to broadcasting. Stations of the land mobile service in the countries listed in this footnote shall not cause harmful interference to existing or planned stations operating in accordance with the Table of Frequency Allocations in countries other than those listed in this footnote. (WRC-97)

S5.297 *Additional allocation:* in Costa Rica, Cuba, El Salvador, the United States, Guatemala, Guyana, Honduras, Jamaica, Mexico and Venezuela, the band 512-608 MHz is also allocated to the fixed and mobile services on a primary basis, subject to agreement obtained under No. **S9.21**.

S5.298 *Additional allocation:* in India, the band 549.75-550.25 MHz is also allocated to the space operation service (space-to-Earth) on a secondary basis.

S5.299 Not used.

S5.300 *Additional allocation:* in Israel, Libya, Syria and Sudan, the band 582-790 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a secondary basis.

S5.301 Not used.

S5.302 *Additional allocation:* in the United Kingdom, the band 590-598 MHz is also allocated to the aeronautical radionavigation service on a primary basis. All new assignments to stations in the aeronautical radionavigation service, including those transferred from the adjacent bands, shall be subject to coordination with the Administrations of the following countries: Germany, Belgium, Denmark, Spain, France, Ireland, Luxembourg, Morocco, Norway and the Netherlands.

Slovakia

S5.303 Not used.

S5.304 *Additional allocation:* in the African Broadcasting Area (see Nos. **S5.10** to **S5.13**), the band 606-614 MHz is also allocated to the radio astronomy service on a primary basis.

S5.305 *Additional allocation:* in China, the band 606-614 MHz is also allocated to the radio astronomy service on a primary basis.

S5.306 *Additional allocation:* in Region 1, except in the African Broadcasting Area (see Nos. **S5.10** to **S5.13**), and in Region 3, the band 608-614 MHz is also allocated to the radio astronomy service on a secondary basis.

S5.307 *Additional allocation:* in India, the band 608-614 MHz is also allocated to the radio astronomy service on a primary basis.

S5.308 Not used.

S5.309 *Different category of service:* in Costa Rica, El Salvador and Honduras, the allocation of the band 614-806 MHz to the fixed service is on a primary basis (see No. **S5.33**), subject to agreement obtained under No. **S9.21**.

S5.310 (SUP - WRC-97)

S5.311 Within the frequency band 620-790 MHz, assignments may be made to television stations using frequency modulation in the broadcasting-satellite service subject to agreement between the administrations concerned and those having services, operating in accordance with the Table, which may be affected (see Resolutions **33 (Rev. WRC-97)** and **507**). Such stations shall not produce a power flux-density in excess of the value -129 dB(W/m²) for angles of arrival less than 20° (see Recommendation **705**) within the territories of other countries without the consent of the administrations of those countries.

S5.312 *Additional allocation:* in Armenia, Azerbaijan, Belarus, Bulgaria, Georgia, Hungary, Kazakhstan, Latvia, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the band 645-862 MHz is also allocated to the aeronautical radionavigation service on a primary basis. (WRC-97)

S5.313 (SUP - WRC-97)

S5.314 *Additional allocation:* in Austria, Italy, Uzbekistan, the United Kingdom and Swaziland, the band 790-862 MHz is also allocated to the land mobile service on a secondary basis. (WRC-97)

S5.315 *Alternative allocation:* in Greece, Italy, Morocco and Tunisia, the band 790-838 MHz is allocated to the broadcasting service on a primary basis.

S5.316 *Additional allocation:* in Germany, Bosnia and Herzegovina, Burkina Faso, Cameroon, Côte d'Ivoire, Croatia, Denmark, Egypt, Finland, Israel, Kenya, the Former Yugoslav Republic of Macedonia, Libya, Liechtenstein, Monaco, Norway, the Netherlands, Portugal, Syria, Sweden, Switzerland and Yugoslavia, the band 790-830 MHz, and in these same countries and in Spain, France, Gabon and Malta, the band 830-862 MHz, are also allocated to the mobile, except aeronautical mobile, service on a primary basis. However, stations of the mobile service in the countries mentioned in connection with each band referred to in this footnote shall not cause harmful interference to, or claim protection from, stations of services operating in accordance with the Table in countries other than those mentioned in connection with the band. (WRC-97)

S5.317 *Additional allocation:* in Region 2 (except Brazil and the United States), the band 806-890 MHz is also allocated to the mobile-satellite service on a primary basis, subject to agreement obtained under No. **S9.21**. The use of this service is intended for operation within national boundaries.

S5.318 *Additional allocation:* in Canada, the United States and Mexico, the bands 849-851 MHz and 894-896 MHz are also allocated to the aeronautical mobile service on a primary basis, for public correspondence with aircraft. The use of the band 849-851 MHz is limited to transmissions from aeronautical stations and the use of the band 894-896 MHz is limited to transmissions from aircraft stations.

S5.319 *Additional allocation:* in Belarus, Russian Federation and Ukraine, the bands 806-840 MHz (Earth-to-space) and 856-890 MHz (space-to-Earth) are also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service. The use of these bands by this service shall not cause harmful interference to, or claim protection from, services in other countries operating in accordance with the Table of Frequency Allocations and is subject to special agreements between the administrations concerned.

Slovakia

S5.320 *Additional allocation:* in Region 3, the bands 806-890 MHz and 942-960 MHz are also allocated to the mobile-satellite, except aeronautical mobile-satellite (R), service on a primary basis, subject to agreement obtained under No. **S9.21**. The use of this service is limited to operation within national boundaries. In seeking such agreement, appropriate protection shall be afforded to services operating in accordance with the Table, to ensure that no harmful interference is caused to such services.

S5.321 *Alternative allocation:* in Italy, the band 838-854 MHz is allocated to the broadcasting service on a primary basis as from 1 January 1995.

S5.322 In Region 1, in the band 862-960 MHz, stations of the broadcasting service shall be operated only in the African Broadcasting Area (see Nos. **S5.10** to **S5.13**) excluding Algeria, Egypt, Spain, Libya, Morocco, Nigeria, South Africa, Tanzania and Zimbabwe, subject to agreement obtained under No. **S9.21**. (WRC-97)

S5.323 *Additional allocation:* in Armenia, Azerbaijan, Belarus, Bulgaria, Hungary, Kazakstan, Latvia, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russian Federation, Tajikistan, Turkmenistan and Ukraine, the band 862-960 MHz is also allocated to the aeronautical radionavigation service on a primary basis. Such use is subject to agreement obtained under No. **S9.21** with administrations concerned and limited to ground-based radiobeacons in operation on 27 October 1997 until the end of their lifetime. (WRC-97)

