

38.

kHz		
Region 1	Region 2	Region 3
25860-26100		
BROADCASTING		
26100-27500		
FIXED MOBILE except aeronautical mobile 225 MOD 226		
<p>NOC 225 Reason: Continued need for ISM frequency.</p> <p>MOD 226 In Region 2, Australia and New Zealand, the amateur service may operate between the frequencies 26960 and 27230 kHz.</p>		

37.

kHz		
Region 1	Region 2	Region 3
25110-25600		
FIXED MOBILE except aeronautical mobile		
25600-26100 25760		
BROADCASTING RADIO ASTRONOMY		
25760-25860		
BROADCASTING AMATEUR		
REASON: Band reduced to provide spectrum for the radio astronomy service.		

40.

39.

MHz		Region 1	Region 2	Region 3
37.75-38.25	38.00	FIXED 228 229 231 MOBILE Radio Astronomy MOD 233B		
38.00-38.25		FIXED 228 229 231 MOBILE Radio Astronomy RADIO ASTRONOMY 233B		
Reason: To provide for primary allocation to radio astronomy.				
38.25-41		FIXED 228 229 230 231 MOBILE	235 236 236A	
41-47		BROADCASTING Fixed 228 237 Mobile	41-50 FIXED 228 231 237 MOBILE	41-44 FIXED 228 231 237 MOBILE 236A 64-50 FIXED 228 231 237 BROADCASTING MOBILE
236A 238 239 240 241			233A 236A	
Reason: Delete 237 in Regions 2 and 3 since not applicable.				
MOC 236 Reason: Continuing need for ISM frequency.				

MHz		Region 1	Region 2	Region 3
27.5-28		METEOROLOGICAL AIDS MOBILE	27.5-28 METEOROLOGICAL AIDS FIXED MOBILE	
27.5-28				
28-29.7		AMATEUR AMATEUR-SATELLITE		
29.7-30.005		FIXED 228 229 231 232 MOBILE		
30.005-30.01		SPACE OPERATION (Satellite Identification) FIXED 228 229 231 MOBILE SPACE RESEARCH		
Reason: Operational requirements remain constant and the need exists to confine operations to specific services and avoid interference from non-allocated services.				
30.01-37.75		FIXED 228 229 230 231 MOBILE Radio Astronomy 233A MOD 233B		
MOD 233B In making assignments to stations of other services to which the bands 37.75 37.5 - 38.25 38.0 MHz, 150.05 - 153 MHz, 406.1 - 410 MHz, 2690 2670 - 2700 MHz and 4700-4950 5000-MHz are allocated, administrations are urged to take all practicable steps to protect radio astronomy observations from harmful interference.				
Reason: To make provision for radio astronomy in the band 37.5 - 37.75 MHz, and 2670-2700 MHz bands.				
Reason: Mobile added 27.5-28 MHz to provide worldwide allocation for mobile services.				

42.

MHz		Region 1	Region 2	Region 3
68-74.8	73.0	FIXED MOBILE except aeronautical mobile	68-73 FIXED MOBILE BROADCASTING	68-70 FIXED MOBILE AERONAUTICAL RADIO NAVIGATION 254 255 256
248 249 250 251 252				70-74.6 73.0 FIXED MOBILE 256 257 258
73.00-74.60		FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	73-74.6 RADIO ASTRONOMY	73.0-74.6 FIXED MOBILE RADIO ASTRONOMY
248 249 250 251 252			MOD 253A 253B	256 257 258

MOD 253A In region 2, fixed, mobile and broadcasting service operations previously authorized in the band 73-74.6 MHz may continue to operate on a non-interference basis to the radio astronomy service until 12/31/85.

Reason: To make provisions for the use of the band 73.00-74.6 MHz by radio astronomy.

41.

MHz		Region 1	Region 2	Region 3
47-68				AMATEUR 244 245 246 247
50-54				54-68
238 239 241 242 243		FIXED 228 237 MOBILE BROADCASTING	FIXED 228 231 237 MOBILE BROADCASTING	246
Reason: Operational requirements remain constant.				



46.

MHz		
Region 1	Region 2	Region 3
136-137	SPACE RESEARCH (Space-to-Earth) 281A 281AA	
137-138	SPACE OPERATION (Telemetry and tracking) METEOROLOGICAL-SATELLITE SPACE RESEARCH (Space-to-Earth) 275A 279A 281C 281E	
138-143.6	138-143.6 FIXED MOBILE Radiolocation Space Research (Space-to-Earth) 283A	138-143.6 FIXED MOBILE Space Research (Space-to-Earth) 278 279A 284
AERONAUTICAL MOBILE (OR) 275 281G 282A 283		

45.

MHz		
Region 1	Region 2	Region 3
100-108	100-108	BROADCASTING
MOBILE except aeronautical mobile (R) 269 270 271	255 256 258 267 272	
Reason: Requirement remains same.		
108-117.975	AERONAUTICAL RADIONAVIGATION	
117.975 - 132	AERONAUTICAL MOBILE (R) 201A 273 MOD 273A 273B	
132-136	AERONAUTICAL MOBILE (R) MOD 273A 273B 274 274A 274B 275	

MOD 273A In the band 117.975-132 MHz and in the band 132-136 MHz, where the aeronautical mobile (R) service is authorized, the use and development for the aeronautical mobile (R) service has limited initially to satellite relay stations of the aeronautical mobile (R) service. Such use and development shall be subject to coordination between administrations concerned and those having services operating in accordance with the Table, which may be affected.

Reason: To provide for full satellite application in the band 117.975-136 MHz as a logical extension of the existing terrestrial services.

ADD 273B In the band 117.975-136 MHz, the use of airborne electronic aids to air navigation and any directly associated ground based or satellite borne facilities also may be authorized. Such use shall be subject to coordination between administrations concerned and those having services operating in accordance with the Table, which may be affected.

Reason: To provide flexibility required for position determination through the use of satellites.

SUP 274A

Reason: The date of applicability has passed.



NOTICES

50.

MHz		Region 1	Region 2	Region 3
174-216			174-216	
	BROADCASTING			FIXED MOBILE BROADCASTING
291 292 293 294				294 295 296
216-223			216-220	216-225
	AERONAUTICAL RADIONAVIGATION BROADCASTING		FIXED MOBILE RADIOLOCATION	AERONAUTICAL RADIONAVIGATION Radiolocation
220-225			220-225	
			AMATEUR	
			RADIOLOCATION MOBILE	
297 298 299 300 301				306 307 308

SEP 29 To enhance sharing.

REASON: To provide for possible mobile use of band.

49.

MHz		Region 1	Region 2	Region 3
156-174				201A 287 290
	FIXED MOBILE except aeronautical mobile			170-174
				FIXED MOBILE BROADCASTING
201A 285 287 288		201A 213A 287		

NOC 287 Reason: Existing provisions must be continued.

52.

MHz		Region 1	Region 2	Region 3
272-273	FIXED MOBILE SPACE OPERATIONS 309A (telemetering) 308A			
273-328.6	FIXED MOBILE 308A 310 310A			
Reason: Requirements remain unchanged.				
328.6-335.4	AERONAUTICAL RADIONAVIGATION 311			
Reason: Necessary for continuing and expanding needs of service.				
335.4-399.9	FIXED MOBILE 308A			
Reason: Requirements remain unchanged.				
399.9-400.05	RADIONAVIGATION-SATELLITE 285C 311A			
400.05-400.15	STANDARD FREQUENCY-SATELLITE 312B 313 31A			

51.

MHz		Region 1	Region 2	Region 3
223-235 AERONAUTICAL RADIONAVIGATION Fixed Mobile 299 300 301 302 303 304 305	225-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION			
235-267	FIXED MOBILE 201A 305 305A 308A 309			
Reason: Requirements remain unchanged.				
267-272	FIXED MOBILE Space Operations 309A 309B (telemetering) 308A			



53.

MHz		Region 2		Region 3	
400.15-401					

METEOROLOGICAL AIDS  
 METEOROLOGICAL-SATELLITE (Maintenance telemetering)  
 SPACE RESEARCH (Telemetering and tracking)  
 313 314

401-402

METEOROLOGICAL AIDS  
 SPACE OPERATION (Telemetering) 315A  
 Fixed  
 Meteorological-Satellite (Earth-to-Space)  
 Mobile except aeronautical mobile  
 314 315 315B 315C 316

402-403

METEOROLOGICAL AIDS  
 Fixed  
 Meteorological-Satellite (Earth-to-space)  
 Mobile except aeronautical mobile  
 314 315 315C 316

403-406

METEOROLOGICAL AIDS  
 Fixed  
 Mobile except aeronautical mobile  
 314 315 316

406-406.I

MOBILE-SATELLITE (Earth-to-space)  
 314 317A 317B

Reason: Services required as existing now.

54.

MHz		Region 2		Region 3	
406.1-410					

FIXED  
 MOBILE except aeronautical mobile  
 RADIO ASTRONOMY  
 MOD 233B 314

410-420

FIXED  
 MOBILE except aeronautical mobile  
 314

Reason: Requirements remain unchanged.

420-430

FIXED  
 MOBILE except  
 aeronautical  
 mobile  
 Radiolocation

420-450 432

RADIOLOCATION  
 Amateur

318 319

318 319A 319B 320A 323 324

430-440 435

AMATEUR  
 RADIOLOCATION

318 319 319B 320  
 320A 321 322

56.

MHz		Region 1	Region 2	Region 3
438-440	438-450	RADIOLOCATION AMATEUR		RADIOLOCATION Amateur
318 319 319B 320 320A 321 322				318 319A 319B 320A 323 324
440-450		FIXED MOBILE except aeronautical mobile Radiolocation		

Reason: The allocation change in the band 435 MHz-438 MHz is required to accommodate greater flexibility in amateur satellite experimentation. Footnote suppression and other reallocations are consequential to this allocation.

450-460

FIXED  
MOBILE 318B 318C  
318 319A

460-470

FIXED  
MOBILE 318B 318 C  
Meteorological-Satellite (Space-to-Earth) 318A  
324B

MOC 318B, 318C

Reason: Continuing requirement

55.

MHz		Region 1	Region 2	Region 3
435-438	435-438	AMATEUR RADIOLOCATION Amateur-Satellite	Amateur RADIOLOCATION Amateur-Satellite	
318 319 319B 320 320A 321 322	318 319A 319B 320A 323 324			

MOC 318 Reason: Requirement remains unchanged.

SUP 320A Reason: Consequential to allocation proposal.

Region 1	Region 2	Region 3
470-382 BROADCASTING	470-890 512 BROADCASTING MOBILE	470-385 BROADCASTING 335
582-606 BROADCASTING RADIO/NAVIGATION	512-606 BROADCASTING 329A 322 322A	585-610 ADDITIONAL NAVIGATION 330B 336 337
606-790 BROADCASTING 329 330 330A 331 MOD 332 332A	606-614 BROADCASTING RADIO ASTRONOMY 228A 222 222A	610-890 FIXED MOBILE BROADCASTING
790-890 FIXED BROADCASTING	614-806 BROADCASTING 228A 222 332A	
329 331 333 334	805-890 BROADCASTING MOBILE 328A 222 222A 229B 229C	330B MOD 332 332A 336 337

REASON: See paragraphs 56 through 63 in the narrative portion. Footnote suppressions are consequential to allocation proposals.

ADD 229C In Region 2, the band 606-890 MHz is also allocated

to the mobile-satellite service for the use and development of systems using space radiocommunication techniques. Such use and development is subject to agreement and coordination between the administrations concerned and those having services operating in accordance with the table, which may be amended.

REASON: To provide spectrum allocation for possible development of use of a mobile satellite system for public services.

ADD 229C Special agreements between administrations concerned shall determine the conditions for implementations of broadcasting in the vicinity of international boundaries to preclude harmful interference being caused to the mobile service.

REASON: To provide some protection to the mobile service operating in this band.

MOD 332 In Region 1, except the African Broadcasting Area, the band 606-614 MHz and in Region 3, the band 610-614 MHz may be used by the radio astronomy service. Administrations shall avoid using the band concerned for the broadcasting service as long as possible, and thereafter, as far as practicable, shall avoid the use of such effective radiated powers as will cause harmful interference to radio astronomy observations.

REASON: In Region 1, the band 606-614 MHz is reserved exclusively for the radio astronomy service until the first administrative conference after 1 January 1971. Until this conference the radio astronomy service may be used for other purposes not applicable to the band.

REASON: Consequential to allocation proposals.

MHz

Region 1	Region 2	Region 3
890-948 896 FIXED BROADCASTING Radiolocation	890-942 896 FIXED RADIOLOCATION MOBILE	890-942 896 MOBILE BROADCASTING Radiolocation
329 331 333 339A	339A 340	339 339A

Reason: This allocation is required to meet the expanded needs of the Land Mobile Service.

896-902 FIXED BROADCASTING Radiolocation MOBILE	896-902 FIXED RADIOLOCATION MOBILE MOBILE Radiolocation	896-902 FIXED MOBILE BROADCASTING Radiolocation
329 331 333 339A	339A 340	339 339A

Reason: This allocation is required to meet the expanding needs of the Mobile Service and to provide for experimentation by the Amateur Radio Service.

902-928 FIXED Radiolocation BROADCASTING	902-928 FIXED RADIOLOCATION AMATEUR MOBILE MOBILE MOBILE 340	902-928 FIXED MOBILE BROADCASTING Radiolocation MOBILE 340
329 331 333 339A	339A 340	339 339A

Reason: This allocation is required to meet the expanding needs of the Land Mobile Service. Footnote suppression and addition are consequential to this change.

MOB 340 In-Region 2. The frequency 915 MHz is designated for industrial, scientific and medical purposes. Emissions must be confined within the limits of 413 kHz of that frequency. Radiocommunication services operating within these limits must accept any harmful interference that may be experienced from the operation of industrial, scientific and medical equipment.

Reason: To provide for ISM frequency worldwide.

MHz

Region 1	Region 2	Region 3
941-942 FIXED BROADCASTING Radiolocation MOBILE	941-942 FIXED RADIOLOCATION MOBILE Radiolocation	941-942 FIXED BROADCASTING Radiolocation MOBILE
329 331 333 339A	339A 340	339 339A

942-947 FIXED BROADCASTING MOBILE	942-947 FIXED MOBILE 339A	942-947 MOBILE FIXED BROADCASTING 339 339 339A
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Reason: This allocation is required to meet the expanding needs of the Mobile Radio Services. The bands 896-902 MHz and 941-947 MHz may be used for an air-ground Common Carrier service.

Reason: This allocation is required to provide exclusive allocation to the Fixed Service.

947-952 FIXED BROADCASTING	947-952 FIXED 339A	947-952 FIXED BROADCASTING MOBILE 339 339 339A
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NRZ		
Region 1	Region 2	Region 3
922-960 FIXED BROADCASTING 329 331 333 339A	922-960 FIXED MOBILE 339A	922-960 FIXED MOBILE BROADCASTING 338 339 339A

Reason: This allocation is required to provide for expanding needs of the Mobile Radio Service.

960-1215 AERONAUTICAL RADIONAVIGATION 341		
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Reason: Continuing requirement.

NRZ		
Region 1	Region 2	Region 3
1215-1300 1240 RADIOLOCATION MOBILE 342 343 344 345 346A	RADIOLOCATION SATELLITE (Space-to-Earth) RADIOLOCATION MOBILE 342 343 344 345 346A	

1280-1300 RADIOLOCATION Amateur 342 343 344 345 346A		
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1300-1350 AERONAUTICAL RADIONAVIGATION MOD 346 Radiolocation 347 348 MOD 349A 349B		
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Reason: Spectrum in the 1290-1300 band can be shared on a secondary basis for amateur satellite research. Band 1215-1350 needed for continued and expanding use of radiolocation and aeronautical radionavigation services.

1350-1400 1370 FIXED MOBILE RADIOLOCATION 349 MOD 349A 349B	1350-1400 1370 RADIOLOCATION 349 MOD 349A 349B
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**ADD 346A** In the bands 1215-1300 MHz, 3100-3200 MHz, 3290-3390 MHz, and 3700-3800 MHz radiolocation operations using space techniques may be conducted in support of Space Research and Earth Exploration Satellite services provided that harmful interference is not caused to terrestrial radiolocation and astronomical navigation services of the Radiocommunication Satellite Service in the band 1215-1240 MHz.

**Reason:** This is the low-band required for multifrequency radar, required for the measurement of rain, drop size, rain cloud echo and melting-layer height mapping. Also required for imaging radars of a future mission. The proposal is considered compatible with existing usage.

**MOD 346** The use of the bands 1300-1350 MHz, 2700-2900 MHz and 9000-9200 MHz by the aeronautical radiolocation service is restricted to ground-based radars and, in the future, to associated transponders which transmit only on frequencies in these bands and only when actuated by radars operating in the same band.

**ADD 349B** In the band 1300-1400 MHz, Earth Exploration Satellite (EES) passive sensors may be used. Administrations are urged to refer to the needs of the EES Service in this band.

**Reason:** Preceding notes reflect national requirements.

MHz		
Region 1	Region 2	Region 3
1370-1400 FIXED MOBILE RADIOLOCATION	1370-1400 RADIOLOCATION	
349 MOD 349A 349B		349 MOD 349A 349B

**MOD 349A:** Radio astronomy observations on the hydrogen line displaced towards lower frequencies are carried out in a number of countries under national arrangements. Administrations should bear in mind the needs of the radio astronomy service in their future planning of the band 1350-1400 MHz.

**Reason:** Use of the 1330-1400 MHz band for radio astronomy will permit observation of the hydrogen line considered to be of major astronomical significance. The bands above otherwise are needed for the continued use and expansion of fixed mobile and radiolocation services.

EARTH EXPLORATION SATELLITE (PASSIVE)  
SPACE RESEARCH (PASSIVE)  
RADIO ASTRONOMY

**Reason:** This is an important band for the hydrogen line and for continuum observations.

1427-1429 SPACE OPERATION (Telecommand) FIXED MOBILE except aeronautical mobile
--

MHz		
Region 1	Region 2	Region 3
1429-1525 FIXED MOBILE except aeronautical mobile	1429-1435 FIXED MOBILE	1429-1525 FIXED MOBILE
	1435-1525 MOBILE 34G Fixed	

**AND 34G:** In Region 2 where the mobile service is authorized in the bands 1435-1535 MHz and 8710-8790 MHz the primary use of this allocation is by the aeronautical mobile services for telecommunications purposes.

**Reason:** The change is required to provide for aeronautical telemetering. The bands are otherwise required for continued use and expansion of the fixed and mobile services.

MHz		
Region 1	Region 2	Region 3
1525-1535 SPACE OPERATION (Telemetering) 350A FIXED 350B Earth Exploration- Satellite MOBILE except aeronautical mobile 350C	1525-1535 SPACE OPERATION (Telemetering) 350A Earth Exploration- Satellite MOBILE 350D 34G Fixed	1525-1535 SPACE OPERATION (Telemetering) 350A FIXED 350B Earth Exploration- Satellite MOBILE

1535-1542.5  
MARITIME MOBILE-SATELLITE  
352 352D 352E

**Reason:** Band is required for continuing need of maritime mobile satellite service.

MHz

Region 1	Region 2	Region 3
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1542.5-1543.5  
 AERONAUTICAL MOBILE SATELLITE (R)  
 MARITIME MOBILE SATELLITE  
 352 352D 352E ~~ADD 352L~~

1543.5- 1558.5  
 AERONAUTICAL MOBILE SATELLITE (R)  
 352 352D 352G

1558.5-1636.5- 1595  
 RADIONAVIGATION SATELLITE  
 AERONAUTICAL RADIONAVIGATION  
 352 352A 352B 352D

1595-1636.5  
 AERONAUTICAL RADIONAVIGATION  
 AERONAUTICAL RADIONAVIGATION SATELLITE  
 352 352A 352B 352D H00352K

AND 352K Radio astronomy observations on important spectral lines due to the hydrogen radiote OH at frequencies 1612.231 MHz and 1720.530 MHz are carried out in a number of countries under national arrangements; the bands observed being 1613.5-1613.5 1610.5-1614 MHz and 1720-1721 MHz respectively. Administrations should bear in mind the needs of radio astronomy services in their future planning of the bands 1558.5-1636.5 MHz and 1710-1720 MHz.

In making assignments in the band 1595 -1636.5 MHz and 1720-1721 admini-  
strations are urged to prevent harmful interference to radio astronomy  
observations, particularly from airborne or spaceborne transmitters.

Reason: Protection of observation of important spectral line.

ADD 352D In the frequency bands 1542.5-1543.5 MHz and 1644-1645 MHz distress  
 and safety operations of the Maritime Mobile Satellite and the  
 Aeronautical Mobile Satellite Services shall be given priority.

AND 352A The bands-1558.5-1636.5-MHz--4300-4400 MHz, 5000-5250 MHz and-17-19-19-~~P~~-~~GB~~  
 are reserved on a world-wide basis for the use and development of  
 airborne electronic aids to air navigation and any directly associated  
 ground-based or satellite-borne facilities.

MHz

Region 1	Region 2	Region 3
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1644-1645  
 AERONAUTICAL MOBILE SATELLITE (R)  
 MARITIME MOBILE-SATELLITE  
 352 352D 352I ~~352L~~

1645-1660  
 AERONAUTICAL MOBILE-SATELLITE (R)  
 352 352D 352J

NOTICES



MHz		
Region 1	Region 2	Region 3
1660-1670	RADIO ASTRONOMY METEOROLOGICAL AIDS 400 353A 354 354A 354B	

MND 353A In view of the successful detection by astronomers of two hydroxyl spectral lines in the regions of 1665 MHz and 1667 MHz administrations are urged to give all practicable protection in the band 1660-1670 MHz for future research in radio astronomy particularly by eliminate air-to-ground transmissions in the meteorological aide service in the band 1664-1668.4 MHz as soon as practicable. Until such operations are phased out, radiophone operations will, where possible, be notified to the radio astronomers.

1670-1690

METEOROLOGICAL AIDS  
FIXED  
METEOROLOGICAL-SATELLITE (Space-to-Earth) 324A  
MOBILE except aeronautical mobile  
354

MHz		
Region 1	Region 2	Region 3
1690 - 1700	1690 - 1700	

METEOROLOGICAL AIDS  
METEOROLOGICAL-SATELLITE  
(Space-to-Earth)  
FIXED  
MOBILE except  
aeronautical mobile  
324B 354A 354C

1700 - 1710  
FIXED  
SPACE RESEARCH  
(Space-to-Earth)  
MOBILE  
METEOROLOGICAL SATELLITE  
(Space-to-Earth)  
354B

1700 - 1710  
FIXED  
MOBILE  
METEOROLOGICAL SATELLITE (Space-to-Earth)  
SPACE RESEARCH  
(Space-to-Earth)  
354B

REASON: Required worldwide for meteorological satellites.

1710 - 1720 FIXED MOBILE	1710 - 1720 FIXED MOBILE
MARTIME MOBILE-SATELLITE 350B (Space-to-Earth) 350C	MARTIME MOBILE-SATELLITE 350B (Space-to-Earth) 350C 356A

REASON: To provide for anticipated heavy demand for maritime satellite services. PFD limit to be established.

MHz

Region 1	Region 2	Region 3
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**MOD 356A:** In Region 2, in Australia and Japan the band 1790-1770 - 1690 MHz may also be used for earth-to-space transmissions and in Regions 2 and 3, the band 2200 - 2290 MHz may also be used for space-to-earth transmissions in the space research service, subject to agreement between the administrations concerned and those having services operating in accordance with the table, which may be affected.

**REASON:** Consequential to allocation change.

**AND 356B:** The use of the band 1710-1720 MHz and 1970-1990 MHz in the Maritime Mobile-Satellite service is for communications and/or radio determination purposes.

**REASON:** To provide for multiservice functions.

1720 - 1721 FIXED MOBILE	1720 - 1721 FIXED MOBILE	352K MOD 352K	352K MOD 352K
1721 - 1770	1721 - 1770	352K MOD 356A	352K MOD 352K
FIXED SPACE OPERATIONS (Earth-to-Space) Mobile	FIXED SPACE OPERATIONS (Earth-to-Space) MOBILE	352K 356	352K 356A

MHz

Region 1	Region 2	Region 3
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1770 - 1790  
FIXED  
SPACE OPERATIONS  
(Earth-to-Space)  
Meteorological-Satellite 356AA  
Mobile

1770 - 1790  
FIXED  
SPACE OPERATIONS (Earth-to-Space)  
MOBILE  
Meteorological-Satellite 356AA

356

MOD 356A

1790 - 2290 1850

1790 - 2290 1850

FIXED  
SPACE OPERATION (Earth-to-Space)  
MOBILE  
356 356AB 356ABA  
356AC

FIXED  
SPACE OPERATION (Earth-to-Space)  
MOBILE  
MOD 356A 356AB 356ABA

1850-1970

1850-1970

FIXED  
MOBILE  
356 356AB 356ABA  
356AC

FIXED  
MOBILE  
356A 356AB 356ABA

**Reason:** To support U.S. requirements for control of satellites.

73.

MHz		
Region 1	Region 2	Region 3
<p>1970-1990 FIXED MOBILE MARITIME MOBILE- SATELLITE (Earth-to-Space) 356B</p>	<p>1970-1990 FIXED MOBILE MARITIME MOBILE-SATELLITE (Earth-to-Space) 356B</p>	
<p>356 356AB 356ABA 356AC</p>	<p>356A 356AB 356ABA</p>	
<p>1990-2025 FIXED MOBILE</p>	<p>1990-2025 FIXED MOBILE</p>	
<p>366 356AB 356ABA 356AC</p>	<p>356A 356AB 356ABA</p>	

REASONS: To provide pairing frequencies to 1710-1720 MHz.

74.

MHz		
Region 1	Region 2	Region 3
<p>2025-2110 FIXED EARTH EXPLORATION SATELLITE (Earth-to-Space) SPACE RESEARCH (Earth-to-Space) MOBILE</p>	<p>2025-2110 FIXED MOBILE EARTH EXPLORATION SATELLITE (Earth-to-space) SPACE RESEARCH (Earth-to-space)</p>	
<p>356 356AB 356AC 356ABA 356A 356AB 356ABA</p>	<p>356A 356AB 356ABA</p>	
<p>2110-2120 FIXED MOBILE SPACE RESEARCH (Earth-to-space)(Deep space only)</p>	<p>2110-2120 FIXED MOBILE SPACE RESEARCH (Earth-to-space) (Deep space only)</p>	
<p>356 MOD 356AB 356ABA 356AC 356ABA 356A MOD 356AB</p>		

MOD 356AB In Regions 2 and 3, and in Spain, in the band 2025 2110-2120 MHz Earth-to-space transmissions in the earth exploration-satellite service may be authorized with equality of right to operate with stations of other space radiocommunication services in this band and subject to agreement between the administrations concerned and those having services, operating in accordance with the Table, which may be affected.

<p>2120-2200 FIXED MOBILE</p>	<p>2120-2200 FIXED MOBILE</p>
<p>356 356AB 356ABA 356AC</p>	<p>356A 356AB 356ABA</p>
<p>2200-2290 FIXED MOBILE SPACE RESEARCH (Space-to-Earth) (Space-to-Space) SPACE OPERATIONS (Space-to-Earth) (Space-to-Space)</p>	<p>2200-2290 FIXED MOBILE SPACE RESEARCH (Space-to-Earth) (Space-to-Space) SPACE OPERATIONS (Space-to-Earth) (Space-to-Space)</p>
<p>356 356AB- 356ABA</p>	<p>MOD 356A 356AB- 356ABA</p>

Reason: Previous band changes are requirements of the U.S.

MHz		
Region 1	Region 2	Region 3
2290-2300 FIXED SPACE RESEARCH (Space-to-Earth) (Deep space only) Mobile except aeronautical mobile	2290-2300 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (Space-to-Earth) (Deep space only)	
356C		

Reason: Continued use of the band for fixed and mobile services and requirements for space research.

2300-2450 2310 RADIOLOCATION Amateur Fixed Mobile 357 360
--

MHz		
Region 1	Region 2	Region 3
2300-2450 2390 FIXED Amateur Mobile Radiolocation	2310-2450 2390 RADIOLOCATION Amateur Fixed Mobile MOBILE	
357 358 359	357 349C 360	
2390-2400 FIXED Amateur Mobile Radiolocation Amateur-Satellite	2390-2400 RADIOLOCATION Amateur Fixed Mobile Amateur-Satellite	
357 358 359	357 360	
2400-2450 FIXED Amateur Mobile Radiolocation	2400-2450 RADIOLOCATION Amateur Fixed Mobile	
357 358 359 357A	357 360 357A	

ADD 357A The frequencies 2450 MHz and 5800 MHz are designated for the wireless transmission of power. Emissions must be confined within 210 MHz of the frequencies designated. This electrical energy transfer may be effected from space-to-earth. Use of the frequencies for wireless transmission of power shall not cause harmful interference to stations in other bands which are operating in accordance with these regulations.

REASON: Bands are needed for continued use of fixed, mobile, amateur and radio-location services. Amateur satellite operation on a world wide basis is feasible in the 2390-2400 MHz band on a secondary basis.

MOC 357 Continuing need for IBM frequencies.