UNITED STATES DEPARTMENT OF COMME
National Telecommunications and Information Administration
Washington, D.C. 20230

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JUN 10 1998

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Mr. Richard M. Smith
Chief, Office of Engineering and Technology
Federal Communications Commission
2000 M Street, N. W.
Washington, D.C. 20554

Dear Mr. Smith:

The Interdepartment Radio Advisory Committee (IRAC) has approved the report of its AH Group 206 and recommended to NTIA that appropriate amendments to the National Table of Frequency Allocations resulting from the Final Acts of the 1992 World Administrative Radio Conference and the 1995 World Radiocommunication Conference be forwarded to the Commission for rulemaking.

By letters to the Commission (See Enclosures 2, 3, and 4), NTIA has requested three additional revisions to the allocation table since November, 1997. It is requested that the enclosed amended National Table of Frequency Allocations (Enclosure 1), which includes those revisions recommended by the IRAC and referencing the above letters in the appropriate frequency bands, be the subject of a timely Commission rulemaking to implement these allocation changes.

I appreciate the excellent cooperation from the Commission staff, and the contributions they have made during the activity of Ad Hoc Group 206. I look forward to having the hard-won results of the international conferences incorporated into our national allocation table, and to working again with the Commission staff as we begin the implementation process for the 1997 World Radiocommunication Conference.

Sincerely,

William T. Hatch

William T. Hatch
Acting Associate Administrator
Office of Spectrum Management

Enclosures

Enclosure 1

Revised National Table of Frequency Allocations

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TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL

Region 1 kHz	Region 2 kHz	Region 3 kHz
Below 9	(Not Allocated) S5.53 S5.54	
9-14	RADIONAVIGATION	
14-19.95	FIXED MARITIME MOBILE S5.57 S5.55 S5.56	
19.95-20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	
20.05-70	FIXED MARITIME MOBILE S5.57 S5.56 S5.58	
70-72 RADIONAVIGATION S5.60	70-90 FIXED MARITIME MOBILE S5.57 MARITIME RADIO-NAVIGATION S5.60 Radiolocation S5.61	70-72 RADIONAVIGATION S5.60 Fixed Maritime Mobile S5.57 S5.59

UNITED STATES

Band kHz	Government Allocation	Non-Government Allocation	Remarks
Below 9	(Not Allocated) S5.53 S5.54	(Not Allocated) S5.53 S5.54	
9-14	RADIONAVIGATION US18 US294	RADIONAVIGATION US18 US294	
14-19.95	FIXED MARITIME MOBILE US294 S5.57	Fixed US294	
19.95-20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz) US294	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz) US294	FCC Rules and Regulations make no provis-ions for the licensing of standard frequency stations.
20.05-59	FIXED MARITIME MOBILE S5. 57 US294	FIXED US294	
59-61	STANDARD FREQUENCY AND TIME SIGNAL (60 kHz) US294	STANDARD FREQUENCY AND TIME SIGNAL (60 kHz) US294	FCC Rules and Regulations make no provis-ions for the licensing of standard frequency stations.
61-70	FIXED MARITIME MOBILE S5.57 US294	FIXED US294	
70-90	FIXED MARITIME MOBILE Radiolocation US294 S5.57 S5.60	FIXED Radiolocation US294 S5.57 S5.60	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
72-84 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60 S5.56		72-84 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60				
84-86 RADIONAVIGATION S5.60		84-86 RADIONAVIGATION S5.60 Fixed Maritime Mobile S5.57 S5.59				
86-90 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.56		86-90 FIXED MARITIME MOBILE S5.57 RADIONAVIGATION S5.60				
90-110	RADIONAVIGATION S5.62 Fixed S5.63 S5.64		90-110	RADIONAVIGATION US18 US104 US294 S5.62	RADIONAVIGATION US18 US104 US294 S5.62	
110-112 FIXED MARITIME MOBILE RADIONAVIGATION S5.64	110-130 FIXED MARITIME MOBILE MARITIME RADIONAVIGATION S5.60 Radiolocation S5.61 S5.64	110-112 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64	110-130	FIXED MARITIME MOBILE Radiolocation US294 S5.60 S5.64	FIXED MARITIME MOBILE Radiolocation US294 S5.60 S5.64	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
112-115 RADIONAVIGATION S5.60		112-117.6 RADIONAVIGATION S5.60 Fixed Maritime Mobile S5.64 S5.65				
115-117.6 RADIONAVIGATION S5.60 Fixed Maritime Mobile S5.64 S5.66						
117.6-126 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64		117.6-126 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64				
126-129 RADIONAVIGATION S5.60		126-129 RADIONAVIGATION S5.60 Fixed Maritime Mobile S5.64 S5.65				
129-130 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64		129-130 FIXED MARITIME MOBILE RADIONAVIGATION S5.60 S5.64				
130-148.5 FIXED MARITIME MOBILE S5.64 S5.67	130-160 FIXED MARITIME MOBILE S5.64	130-160 FIXED MARITIME MOBILE RADIONAVIGATION S5.64	130-160	FIXED MARITIME MOBILE US294 S5.64	FIXED MARITIME MOBILE US294 S5.64	
148.5-255 BROADCASTING S5.68 S5.69 S5.70						

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
	160-190 FIXED	160-190 FIXED Aeronautical Radionavigation	160-190	FIXED MARITIME MOBILE US294	FIXED US294	
	190-200 AERONAUTICAL RADIONAVIGATION		190-200	AERONAUTICAL RADIONAVIGATION US18 US226 US294	AERONAUTICAL RADIONAVIGATION US18 US226 US294	
255-283.5 BROADCASTING AERONAUTICAL RADIONAVIGATION S5.70 S5.71	200-275 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile	200-285 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile	200-275	AERONAUTICAL RADIONAVIGATION Aeronautical Mobile US18 US294	AERONAUTICAL RADIONAVIGATION Aeronautical Mobile US18 US294	
283.5-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) S5.73 S5.72 S5.74	275-285 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile Maritime Radio- navigation (radiobeacons)		275-285	AERONAUTICAL RADIONAVIGATION Aeronautical Mobile Maritime Radionavigation (radiobeacons) US18 US294	AERONAUTICAL RADIONAVIGATION Aeronautical Mobile Maritime Radionavigation (radiobeacons) US18 US294	
	285-315 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) S5.73		285-325	MARITIME RADIONAVIGATION (radiobeacons) Aeronautical Radionavigation (Radiobeacons) US18 US294 G121 S5.73	MARITIME RADIONAVIGATION (radiobeacons) Aeronautical Radionavigation (Radiobeacons) US18 US294 S5.73	
315-325 AERONAUTICAL RADIONAVIGATION Maritime Radionavigation (radiobeacons)S5.73 S5.72 S5.75	315-325 MARITIME RADIONAVIGATION (radiobeacons) S5.73 Aeronautical Radionavigation	315-325 AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)S5.730				

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
325-405 AERONAUTICAL RADIONAVIGATION S5.72	325-335 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile Maritime Radionavigation (radiobeacons)	325-405 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile	325-335	AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical Mobile Maritime Radionavigation (radiobeacons) US18 US294	AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical Mobile Maritime Radionavigation (radiobeacons) US18 US294	
	335-405 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile		335-405	AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical Mobile US18 US294	AERONAUTICAL RADIONAVIGATION (radiobeacons) Aeronautical Mobile US18 US294	
405-415 RADIONAVIGATION S5.76 S5.72	405-415 RADIONAVIGATION S5.76 Aeronautical Mobile		405-415	RADIONAVIGATION Aeronautical Mobile US18 US294 S5.76	RADIONAVIGATION Aeronautical Mobile US18 US294 S5.76	
415-435 MARITIME MOBILE S5.79 AERONAUTICAL RADIONAVIGATION S5.72	415-495 MARITIME MOBILE S5.79 Aeronautical Radionavigation S5.80		415-435	AERONAUTICAL RADIONAVIGATION MARITIME MOBILE US294 S5.78 S5.79	AERONAUTICAL RADIONAVIGATION MARITIME MOBILE US294 S5.78 S5.79	
435-495 MARITIME MOBILE S5.79 Aeronautical Radionavigation S5.72 S5.81 S5.83	S5.77 S5.78 S5.81 S5.82		435-495	MARITIME MOBILE Aeronautical Radionavigation US231 US294 S5.79 S5.81 S5.83	MARITIME MOBILE US231 US294 S5.79 S5.81 S5.83	The frequency 480 kHz is available to low power Government Coast stations for the calibration of ship direction finders on the condition that harmful interference is not caused to the maritime mobile service.
495-505	MOBILE (distress and calling) S5.83		495-505	MOBILE (distress and calling) S5.82	MOBILE (distress and calling) S5.82	500 kHz distress and calling

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL

Region 1 kHz	Region 2 kHz	Region 3 kHz
505-526.5 MARITIME MOBILE S5.79 AERONAUTICAL RADIONAVIGATION S5.72 S5.81 S5.84	505-510 MARITIME MOBILE S5.79 S5.81	505-526.5 MARITIME MOBILE S5.79 S5.84 AERONAUTICAL RADIONAVIGATION Aeronautical Mobile Land Mobile S5.81
	510-525 MOBILE S5.84 AERONAUTICAL RADIONAVIGATION	
	525-535 BROADCASTING S5.86 AERONAUTICAL RADIONAVIGATION	
526.5-1606.5 BROADCASTING S5.87		526.5-535 BROADCASTING Mobile S5.88
	535-1605 BROADCASTING	535-1606.5 BROADCASTING
	1605-1625 BROADCASTING S5.89	
1606.5-1625 FIXED MARITIME MOBILE S5.90 LAND MOBILE S5.92	S5.90	1606.5-1800 FIXED MOBILE RADIOLOCATION RADIONAVIGATION S5.91

UNITED STATES

Band kHz	Government Allocation	Non-Government Allocation	Remarks
505-510	MARITIME MOBILE S5.79 S5.81	MARITIME MOBILE S5.79 S5.81	
510-525	AERONAUTICAL RADIONAVIGATION (radiobeacons) MARITIME MOBILE (Ships Only) US14 US18 US225 S5.84	AERONAUTICAL RADIONAVIGATION (radiobeacons) MARITIME MOBILE (Ships Only) US14 US18 US225 S5.84	518 kHz is used for international NAVTEX in the maritime mobile service.
525-535	AERONAUTICAL RADIONAVIGATION (radiobeacons) MOBILE US18 US221 US239	AERONAUTICAL RADIONAVIGATION (radiobeacons) MOBILE US18 US221 US239	530 kHz Travelers Information Service
535-1605		BROADCASTING NG128	
1605-1615	MOBILE US221 S5.89 G127	MOBILE US221	1610 kHz Travelers Information Systems
1615-1625	US237 US299 S5.89	BROADCASTING US237 US299 S5.89	Broadcasting implementation is subject to decisions of a future Region 2 Administrative Radio Conference.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
1625-1635 RADIOLOCATION S5.93	1625-1705 FIXED MOBILE BROADCASTING S5.89 Radiolocation S5.90		1625-1705	Radiolocation US238 US299 S5.89	BROADCASTING Radiolocation US238 US299 S5.89	
1635-1800 FIXED MARITIME MOBILE S5.90 LAND MOBILE S5.92 S5.96	1705-1800 FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION		1705-1800	FIXED MOBILE RADIOLOCATION US240	FIXED MOBILE RADIOLOCATION US240	
1800-1810 RADIOLOCATION S5.93	1800-1850 AMATEUR	1800-2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIONAVIGATION Radiolocation	1800-1900		AMATEUR	
1810-1850 AMATEUR S5.98 S5.99 S5.100 S5.101						
1850-2000 FIXED MOBILE except aeronautical mobile S5.92 S5.96 S5.103	1850-2000 AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION S5.102	S5.97	1900-2000	RADIOLOCATION US290	RADIOLOCATION US290	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
2000 2025 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103	2000-2065 FIXED MOBILE		2000-2065	FIXED MOBILE US340	MARITIME MOBILE NG19 US340	2003 kHz, intership frequency on the Great Lakes.
2025-2045 FIXED MOBILE except aeronautical mobile (R) Meteorological Aids S5.104 S5.92 S5.103						
2045-2160 FIXED MARITIME MOBILE LAND MOBILE S5.92	2065-2107 MARITIME MOBILE S5.105 S5.106		2065--2107	MARITIME MOBILE S5.105 US296 US340	MARITIME MOBILE S5.105 US296 US340	
			2065-2068.5	Ship and coast (telephony) S5.105	Ship and coast (telephony) S5.105	
			2068.5-2078.5	Ship (Wide-band telegraphy, facsimile and space transmission systems) US296	Ship (Wide-band telegraphy, facsimile and space transmission systems) US296	
			2078.5-2089.5	Ship and coast (telephony) S5.105	Ship and coast (telephony) S5.105	
			2089.5-2092.5	Ship (Calling, telegraphy)	Ship (Calling, telegraphy)	
			2092.5-2107	Ship and coast (telephony) S5.105	Ship and coast (telephony) S5.105	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
	2107-2170 FIXED MOBILE		2107-2170	FIXED MOBILE US340	FIXED LAND MOBILE MARITIME MOBILE NG19 US340	
2160-2170 RADIOLOCATION S5.93 S5.107						
2170-2173.5	MARITIME MOBILE		2170-2173.5	MARITIME MOBILE (Telephony) US340	MARITIME MOBILE US340	
2173.5-2190.5	MOBILE (distress and calling) S5.108 S5.109 S5.110 S5.111		2173.5-2190.5	MOBILE (distress and calling) S5.108 S5.109 S5.110 S5.111 US279 US340	MOBILE (distress and calling) S5.108 S5.109 S5.110 S5.111 US279 US340	2182 kHz Distress and Calling
2190.5-2194	MARITIME MOBILE		2190.5-2194	MARITIME MOBILE (Telephony) US340	MARITIME MOBILE US340	
2194-2300 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 S5.112	2194-2300 FIXED MOBILE S5.112		2194-2495	FIXED MOBILE US340	FIXED LAND MOBILE MARITIME MOBILE NG19 US340	
2300-2498 FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113 S5.103	2300-2495 FIXED MOBILE BROADCASTING S5.113					
	2495-2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)		2495-2505	STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) US340	STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz) US340	FCC Rules and Regulations make no provisions for licensing of standard frequency stations.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
2498 2501 STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)						
2501-2502	STANDARD FREQUENCY AND TIME SIGNAL Space Research					
2502-2625 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103 S5.114	2502-2505 STANDARD FREQUENCY AND TIME SIGNAL					
2625-2650 MARITIME MOBILE MARITIME RADIONAVIGATION S5.92	2505-2850 FIXED MOBILE		25052850	FIXED MOBILE US340	FIXED LAND MOBILE MARITIME MOBILE US340	2635 kHz and 2638 kHz intership frequencies 2738 kHz intership frequency except in Gulf of Mexico 2830 kHz intership frequency in Gulf of Mexico
2650-2850 FIXED MOBILE except aeronautical mobile (R) S5.92 S5.103						
2850-3025	AERONAUTICAL MOBILE (R) S5.111 S5.115		2850-3025	AERONAUTICAL MOBILE (R) US283 S5.111 S5.115 US340	AERONAUTICAL MOBILE (R) US283 S5.111 S5.115 US340	
3025-3155	AERONAUTICAL MOBILE (OR)		3025-3155	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangements between the FCC and the IRAC.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
3155-3200	FIXED MOBILE except aeronautical mobile (R) S5.116 S5.117		31553230	FIXED MOBILE except aeronautical mobile (R) US340	FIXED MOBILE except aeronautical mobile (R) US340	
3200-3230	FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113 S5.116					
3230-3400	FIXED MOBILE except aeronautical mobile BROADCASTING S5.113 S5.116 S5.118		3230-3400	FIXED MOBILE except aeronautical mobile Radiolocation US340	FIXED MOBILE except aeronautical mobile Radiolocation US340	
3400-3500	AERONAUTICAL MOBILE (R)		3400-3500	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283 US340	
3500-3800 AMATEUR S5.120 FIXED MOBILE except aeronautical mobile S5.92	3500-3750 AMATEUR S5.120 S5.119	3500-3900 AMATEUR S5.120 FIXED MOBILE	3500-4000	US340	AMATEUR S5.120 US340	
3800-3900 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE	3750-4000 AMATEUR S5.120 FIXED MOBILE except aeronautical mobile(R) S5.122 S5.124 S5.125					
3900-3950 AERONAUTICAL MOBILE (OR) S5.123		3900-3950 AERONAUTICAL MOBILE BROADCASTING				
3950-4000 FIXED BROADCASTING		3950-4000 FIXED BROADCASTING S5.126				

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
4000-4063	FIXED MARITIME MOBILE S5.127 S5.126		4000-4063	MARITIME MOBILE US236 US340	MARITIME MOBILE US236 US340	See Section 4.3.13 for use.
4063-4438	MARITIME MOBILE S5.109 S5.110 S5.130 S5.131 S5.132 S5.128 S5.129		4063-4438	MARITIME MOBILE S5.109 S5.110 S5.130 S5.131 S5.132 US82 US296 US340	MARITIME MOBILE S5.109 S5.110 S5.130 S5.131 S5.132 US82 US296 US340	See Annex H for Maritime Mobile channel use.
			4063-4065	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			4065-4146	Ship stations, telephony, duplex operation S5.130	Ship stations, telephony, duplex operation S5.130	
			4146-4152	Ship and coast stations, telephony simplex operation US82	Ship and coast stations, telephony simplex operation US82	
			4152-4172	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	
			4172-4181.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	
			4181.75-4186.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			4186.75-4202.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			4202.25-4207.25	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	
			4207.25-4209.25	Ship stations, digital selective calling S5.109	Ship stations, digital selective calling S5.109	
			4209.25-4219.25	Coast stations, narrow-band direct-printing telegraph data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraph data transmission systems (paired frequencies) S5.132	
			4219.25-4221	Coast stations, digital selective calling	Coast stations, digital selective calling	
			4221-4351	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			4351-4438	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
4438-4650 FIXED MOBILE except aeronautical mobile (R)		4438-4650 FIXED MOBILE except aeronautical mobile	4438-4650	FIXED MOBILE except aeronautical mobile (R) US340	FIXED MOBILE except aeronautical mobile (R) US340	
4650-4700 AERONAUTICAL MOBILE (R)			4650-4700	AERONAUTICAL MOBILE (R) US282 US283 US340	AERONAUTICAL MOBILE (R) US282 US283 US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
4700-4750	AERONAUTICAL MOBILE (OR)		4700-4750	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operations in the (OR) bands by Non-Government stations shall be authorized only by special arrangements between the FCC and the IRAC.
4750-4850 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE BROADCASTING S5.113	4750-4850 FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.113	4750-4850 FIXED BROADCASTING S5.113 Land Mobile	4750-4850	FIXED MOBILE except aeronautical mobile (R) US340	FIXED MOBILE except aeronautical mobile (R) US340	
4850-4995	FIXED LAND MOBILE BROADCASTING S5.113		4850-4995	FIXED MOBILE US340	FIXED US340	
4995-5003	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz)		4995-5003	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) US340	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) US340	FCC Rules and Regulations make no provisions for the licensing of standard frequency stations.
5003-5005	STANDARD FREQUENCY AND TIME SIGNAL Space Research		5003-5005	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) G106 US340	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz) US340	
5005-5060	FIXED BROADCASTING S5.113		5005-5060	FIXED US340	FIXED US340	
5060-5250	FIXED Mobile except aeronautical mobile S5.133		5060-5450	FIXED Mobile except aeronautical mobile US212 US340	FIXED Mobile except aeronautical mobile US212 US340	
5250-5450	FIXED MOBILE except aeronautical mobile					
5450-5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE	5450-5480 AERONAUTICAL MOBILE (R)	5450-5480 FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE	5450-5480	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
5480-5680	AERONAUTICAL MOBILE (R) S5.111 S5.115		5480-5680	AERONAUTICAL MOBILE (R) S5.111 S5.115 US283 US340	AERONAUTICAL MOBILE (R) S5.111 S5.115 US283 US340	
5680-5730	AERONAUTICAL MOBILE (OR) S5.111 S5.115		5680-5730	AERONAUTICAL MOBILE (OR) S5.111 S5.115 US340	AERONAUTICAL MOBILE (OR) S5.111 S5.115 US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangements between the FCC and the IRAC.
5730-5900 FIXED LAND MOBILE	5730-5900 FIXED MOBILE except aeronautical mobile (R)	5730-5900 FIXED Mobile except aeronautical mobile (R)	5730-5900	FIXED MOBILE except aeronautical mobile (R) US340	FIXED MOBILE except aeronautical mobile (R) US340	
5900-5950	BROADCASTING S5.134 S5.135 S5.136		5900-5950	FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.134 S5.135 US340 S5.136	FIXED MOBILE except aeronautical mobile (R) BROADCASTING S5.134 S5.135 US340 S5.136	
5950-6200	BROADCASTING		5950-6200	BROADCASTING US340	BROADCASTING US340	
6200-6525	MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 S5.137		6200-6525	MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 US82 US296 US340	MARITIME MOBILE S5.109 S5.110 S5.130 S5.132 US82 US296 US340	See Annex H for Maritime Mobile channel use.
			6200-6224	Ship stations, telephony, duplex operation S5.130	Ship stations, telephony, duplex operation S5.130	
			6224-6233	Ship and coast stations, telephony, simplex operation US82	Ship and coast stations, telephony, simplex operation US82	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			6233-6261	Ship stations, wide band telegraphy, facsimile and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	
			6261-6262.75	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			6262.75-6275.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	
			6275.75-6280.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			6280.75-6284.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	
			6284.75-6300.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	
			6300.25-6311.75	Ship stations, narrow-band direct-printing telegraph and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraph and A1A Morse telegraphy, working (non-paired frequencies)	
			6311.75-6313.75	Ship stations, digital selective calling S5.109	Ship stations, digital selective calling S5.109	
			6313.75-6330.75	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			6330.75-6332.5	Coast stations, digital selective calling	Coast stations, digital selective calling	
			6332.5-6501	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			6501-6525	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
6525-6685	AERONAUTICAL MOBILE (R)		6525-6685	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283 US340	
6685-6765	AERONAUTICAL MOBILE (OR)		6685-6765	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.
6765-7000	FIXED Land Mobile S5.139 S5.138		6765-7000	FIXED Mobile S5.138 US340	FIXED Mobile S5.138 US340	ISM 6780 ± 15 kHz
7000-7100	AMATEUR S5.120 AMATEUR-SATELLITE S5.140 S5.141		7000-7100	US340	AMATEUR AMATEUR-SATELLITE S5.120 US340	
7100-7300 BROADCASTING	7100-7300 AMATEUR S5.120 S5.142	7100-7300 BROADCASTING	7100-7300	S5.142 US340	AMATEUR S5.120 S5.142 US340	
7300-7350	BROADCASTING S5.134 S5.135 S5.143		7300-7350	FIXED Mobile BROADCASTING S5.134 S5.135 S5.143 US340	FIXED Mobile BROADCASTING S5.134 S5.135 S5.143 US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
7350-8100	FIXED Land Mobile S5.144		7350-8100	FIXED Mobile US340	FIXED Mobile US340	
8100-8195	FIXED MARITIME MOBILE		8100-8195	MARITIME MOBILE US236 US340	MARITIME MOBILE US236 US340	See Section 4.3.13 for use.
8195-8815	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111		8195-8815	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 US82 US296 US340	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 US82 US296 US340	See Annex H for Maritime Mobile channel use.
			8195-8294	Ship stations, telephony, duplex operation S5.145	Ship stations, telephony, duplex operation S5.145	
			8294-8300	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	
			8300-8340	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	
			8340-8341.75	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			8341.75-8365.75	Ship stations, A1A Morse telegraphy, working S5.111	Ship stations, A1A Morse telegraphy, working S5.111	
			8365.75-8370.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			8370.75-8376.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			8376.25-8396.25	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	
			8396.25-8414.25	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	
			8414.25-8416.25	Ship stations, digital selective calling S5.109	Ship stations, digital selective calling S5.109	
			8416.25-8436.25	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	
			8436.25-8438	Coast stations, digital selective calling	Coast stations, digital selective calling	
			8438-8707	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			8707-8815	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
8815-8965	AERONAUTICAL MOBILE (R)		8815-8965	AERONAUTICAL MOBILE (R) US340	AERONAUTICAL MOBILE (R) US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
8965-9040	AERONAUTICAL MOBILE (OR)		8965-9040	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangements between the FCC and the IRAC.
9040-9400	FIXED		9040-9400	FIXED US340	FIXED US340	
9400-9500	BROADCASTING S5.134 S5.135 S5.146		9400-9500	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	
9500-9900	BROADCASTING S5.147 S5.148		9500-9900	BROADCASTING S5.147 S5.148 US340	BROADCASTING S5.147 S5.148 US340	
9900-9995	FIXED		9900-9995	FIXED US340	FIXED US340	
9995-10003	STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) S5.111		9995-10005	STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) S5.111 US340	STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) S5.111 US340	FCC Rules and Regulations make no provisions for the licensing of standard frequency stations.
10003-10005	STANDARD FREQUENCY AND TIME SIGNAL Space Research S5.111					
10005-10100	AERONAUTICAL MOBILE (R) S5.111		10005-10100	AERONAUTICAL MOBILE (R) US283 S5.111 US340	AERONAUTICAL MOBILE (R) US283 S5.111 US340	
10100-10150	FIXED Amateur S5.120		10100-10150	US247 US340	AMATEUR US247 S5.120 US340	
10150-11175	FIXED Mobile except aeronautical mobile (R)		10150-11175	FIXED Mobile except aeronautical mobile (R) US340	FIXED Mobile except aeronautical mobile (R) US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
11175-11275	AERONAUTICAL MOBILE (OR)		11175-11275	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.
11275-11400	AERONAUTICAL MOBILE (R)		11275-11400	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283 US340	
11400-11600	FIXED		11400-11600	FIXED US340	FIXED US340	
11600-11650	BROADCASTING S5.134 S5.135 S5.146		11600-11650	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	
11650-12050	BROADCASTING S5.147 S5.148		11650-12050	BROADCASTING S5.147 S5.148 US340	BROADCASTING S5.147 S5.148 US340	
12050-12100	BROADCASTING S5.134 S5.135 S5.146		12050-12100	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	FIXED BROADCASTING S5.134 S5.135 S5.146 US340	
12100-12230	FIXED		12100-12230	FIXED US340	FIXED US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
12230-13200	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145		12230-13200	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 US82 US296 US340	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145 S5.111 US82 US296 US340	See Annex H for Maritime Mobile channel use.
			12230-12353	Ship stations, telephony, duplex operation S5.145	Ship stations, telephony, duplex operation S5.145	
			12353-12368	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	
			12368-12420	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	
			12420-12421.75	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			12421.75-12476.75	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	
			12476.75-12549.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	
			12549.75-12554.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			12554.75-12559.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	
			12559.75-12576.75	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	
			12576.75-12578.75	Ship stations, digital selective calling S5.109	Ship stations, digital selective calling S5.109	
			12578.75-12656.75	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	
			12656.75-12658.5	Coast stations, digital selective calling	Coast stations, digital selective calling	
			12658.5-13077	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			13077-13200	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
13200-13260	AERONAUTICAL MOBILE (OR)		13200-13260	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.
13260-13360	AERONAUTICAL MOBILE (R)		13260-13360	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283 US340	
13360-13410	FIXED RADIO ASTRONOMY S5.149		13360-13410	RADIO ASTRONOMY S5.149 G115	RADIO ASTRONOMY S5.149	
13410-13570	FIXED Mobile except aeronautical mobile (R) S5.150		13410-13570	FIXED Mobile except aeronautical mobile(R) S5.150 US340	FIXED S5.150 US340	ISM 13560 ± 7 kHz
13570-13600	BROADCASTING S5.134 S5.135 S5.151		13570-13600	FIXED Mobile except aeronautical mobile(R) BROADCASTING S5.134 S5.135 US340 S5.151	FIXED BROADCASTING S5.134 S5.135 US340	
13600-13800	BROADCASTING S5.148		13600-13800	BROADCASTING S5.148 US340	BROADCAST[illegible] S5.148 US340	
13800-13870	BROADCASTING S5.134 S5.135 S5.151		13800-13870	FIXED Mobile except aeronautical mobile (R) BROADCASTING S5.134 S5.135 S5.151 US340	FIXED BROADCASTING S5.134 S5.135 US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
13870-14000	FIXED Mobile except aeronautical mobile (R)		13870-14000	FIXED Mobile except aeronautical mobile (R) US340	FIXED US340	
14000-14250	AMATEUR S5.120 AMATEUR-SATELLITE		14000-14250	US340	AMATEUR AMATEUR-SATELLITE S5.120 US340	
14250-14350	AMATEUR S5.120 S5.152		14250-14350	US340	AMATEUR S5.120 US340	
14350-14990	FIXED Mobile except aeronautical mobile (R)		14350-14990	FIXED Mobile except aeronautical mobile (R) US340	FIXED US340	
14990-15005	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) S5.111		14990-15010	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) S5.111	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) S5.111	FCC Rules and Regulations make no provisions for the licensing of standard frequency stations.
15005-15010	STANDARD FREQUENCY AND TIME SIGNAL Space Research					
15010-15100	AERONAUTICAL MOBILE (OR)		15010-15100	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.
15100-15600	BROADCASTING S5.148		15100-15600	BROADCASTING S5.148 US340	BROADCASTING S5.148 US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
15600-15800	BROADCASTING S5.134 S5.135 S5.146		15600- 15800	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	
15800-16360	FIXED S5.153		15800-16360	FIXED US340	FIXED US340	
16360-17410	MARITIME MOBILE S5.109 S5.110 S5.132 S5.145		16360-17410	MARITIME MOBILE	MARITIME MOBILE	See Annex H for Maritime Mobile channel use.
			16360-16528	Ship stations, telephony, duplex operation S5.145	Ship stations, telephony, duplex operation S5.145	
			16528-16549	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	
			16549-16617	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	
			16617-16618.75	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			16618.75-16683.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			16683.25-16733.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.110	
			16733.75-16738.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			16738.75-16784.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	
			16784.75-16804.25	Ship stations, narrow-band direct-printing and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing and A1A Morse telegraphy, working (non-paired frequencies)	
			16804.25-16806.25	Ship stations, digital selective calling S5.109	Ship stations, digital selective calling S5.109	
			16806.25-16902.75	Coast stations, narrow-band direct-printing telegraph and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraph and data transmission systems (paired frequencies) S5.132	
			16902.75-16904.5	Coast stations, digital selective calling	Coast stations, digital selective calling	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			16904.5-17242	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			17242-17410	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
17410-17480	FIXED		17410-17480	FIXED	FIXED	
17480-17550	BROADCASTING S5.134 S5.135 S5.146		17480-17550	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	
17550-17900	BROADCASTING S5.148		17550-17900	BROADCASTING S5.148 US340	BROADCASTING S5.148 US340	
17900-17970	AERONAUTICAL MOBILE (R)		17900-17970	AERONAUTICAL MOBILE (R) US283 US340	AERONAUTICAL MOBILE (R) US283 US340	
17970-18030	AERONAUTICAL MOBILE (OR)		17970-18030	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.
18030-18052	FIXED		18030-18068	FIXED US340	FIXED US340	
18052-18068	FIXED Space Research					

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
18068-18168	AMATEUR S5.120 AMATEUR-SATELLITE S5.154		18068-18168	 US340	AMATEUR AMATEUR-SATELLITE S5.120 US340	
18168-18780	FIXED Mobile except aeronautical mobile		18168-18780	FIXED Mobile US340	FIXED Mobile US340	
18780-18900	MARITIME MOBILE		18780-18900	MARITIME MOBILE US82 US296 US340	MARITIME MOBILE US82 US296 US340	See Annex H for Maritime Mobile channel use.
			18780-18825	Ship stations, telephony, duplex operation	Ship stations, telephony, duplex operation	
			18825-18846	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	
			18846-18870	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	
			18870-18892.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	
			18892.75-18898.25	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			18898.25-18899.75	Ship stations, digital selective calling	Ship stations, digital selective calling	
18900-19020	BROADCASTING S5.134 S5.135 S5.146		18900-19020	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	FIXED BROADCASTING S5.134 S5.135 US340 S5.146	
19020-19680	FIXED		19020-19680	FIXED US340	FIXED US340	
19680-19800	MARITIME MOBILE S5.132		19680-19800	MARITIME MOBILE S5.132 US340	MARITIME MOBILE S5.132 US340	See Annex H for Maritime Mobile channel use.
			19680.25-19703.25	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	
			19703.25-19705	Coast stations, digital selective calling	Coast stations, digital selective calling	
			19705-19755	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			19755-19800	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
19800-19990	FIXED		19800-19990	FIXED US340	FIXED US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
19990-19995	STANDARD FREQUENCY AND TIME SIGNAL Space Research S5.111		19990-19995	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) Space Research S5.111 G106 US340	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) Space Research S5.111 US340	FCC Rules and Regulations make no provisions for the licensing of standard frequency stations.
19995-20010	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) S5.111		19995-20010	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) S5.111 G106 US340	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) S5.111 US340	
20010-21000	FIXED Mobile		20010-21000	FIXED Mobile US340	FIXED US340	
21000-21450	AMATEUR S5.120 AMATEUR-SATELLITE		21000-21450	US340	AMATEUR AMATEUR-SATELLITE S5.120 US340	
21450-21850	BROADCASTING S5.148		21450-21850	BROADCASTING S5.148 US340	BROADCASTING S5.148 US340	
21850-21870	FIXED S5.155A S5.155		21850 21870	FIXED S5.155 US340	FIXED S5.155 US340	
21870-21924	FIXED S5.155B		21870-21924	FIXED S5.155B US340	FIXED S5.155B US340	
21924-22000	AERONAUTICAL MOBILE (R)		21924-22000	AERONAUTICAL MOBILE (R) US340	AERONAUTICAL MOBILE (R) US340	
22000-22855	MARITIME MOBILE S5.132 S5.156		22000-22855	MARITIME MOBILE S5.132 US82 US296 US340	MARITIME MOBILE S5.132 US82 US296 US340	See Annex H for Maritime Mobile channel use.

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			22000-22159	Ship stations, telephony, duplex operation	Ship stations, telephony, duplex operation	
			22159-22180	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	
			22180-22240	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile and special transmission systems US296	
			22240-22241.75	Ship stations, oceanographic data transmission	Ship stations, oceanographic data transmission	
			22241.75-22279.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	
			22279.25-22284.25	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			22284.25-22351.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems, working (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems, working (paired frequencies)	
			22351.75-22374.25	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and A1A Morse telegraphy, working (non-paired frequencies)	
			22374.25-22375.75	Ship stations, digital selective calling	Ship stations, digital selective calling	

TABLES OF FREQUENCY ALLOCATIONS						
INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			22375.75-22443.75	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	
			22443.75-22445.5	Coast stations, digital selective calling	Coast stations, digital selective calling	
			22445.5-22696	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission and direct-printing telegraphy systems	
			22696-22855	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
22855-23000	FIXED S5.156		22855-23000	FIXED US340	FIXED US340	
23000-23200	FIXED Mobile except aeronautical mobile (R) S5.156		23000-23200	FIXED Mobile except aeronautical mobile (R) US340	FIXED US340	
23200-23350	FIXED S5.156A AERONAUTICAL MOBILE (OR)		23200-23350	AERONAUTICAL MOBILE (OR) US340	AERONAUTICAL MOBILE (OR) US340	Operation in the (OR) bands by Non-Government stations shall be authorized only by special arrangement between the FCC and the IRAC.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
23350-24000	FIXED MOBILE except aeronautical mobile S5.157		23350-24890	FIXED MOBILE except aeronautical mobile US340	FIXED US340	
24000-24890	FIXED LAND MOBILE					
24890-24990	AMATEUR S5.120 AMATEUR-SATELLITE		24890-24990	 US340	AMATEUR AMATEUR-SATELLITE S5.120 US340	
24990-25005	STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz)		24990-25010	STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz) US340 G106	STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz) US340	
25005-25010	STANDARD FREQUENCY AND TIME SIGNAL Space Research					
25010-25070	FIXED MOBILE except aeronautical mobile		25010-25070	 US340	LAND MOBILE US340	25.02-25.06 kHz Industrial
25070-25210	MARITIME MOBILE		25070-25210	MARITIME MOBILE US82 US281 US296 US340	MARITIME MOBILE US82 US281 US296 US340 NG112	See Annex H for Maritime Mobile channel use.
			25070-25100	Ship stations, telephony, duplex operation	Ship stations, telephony, duplex operation	
			25100-25121	Ship and Coast stations, telephony, simplex operation US82	Ship and Coast stations, telephony, simplex operation US82	

TABLES OF FREQUENCY ALLOCATIONS							
INTERNATIONAL			UNITED STATES				
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			25121-25161.25	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	Ship stations, wide-band telegraphy, facsimile, and special transmission systems US296	
			25161.25-25171.25	Ship stations, A1A Morse telegraphy, working	Ship stations, A1A Morse telegraphy, working	
			25171.25-25172.75	Ship stations, A1A Morse telegraphy, calling	Ship stations, A1A Morse telegraphy, calling	
			25172.75-25192.75	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies)	
			25192.75-25208.25	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (non-paired frequencies)	Ship stations, narrow-band direct-printing telegraphy and data transmission systems (non-paired frequencies)	
			25208.25-25210	Ship stations, digital selective calling	Ship stations, digital selective calling	
25210-25550	FIXED MOBILE except aeronautical mobile		25210-25330	US340	LAND MOBILE US340	25.12-25.32 kHz Industrial
			25330-25550	FIXED MOBILE except aeronautical mobile US340	US340	
25550-25670	RADIO ASTRONOMY S5.149		25550-25670	RADIO ASTRONOMY US74 S5.149	RADIO ASTRONOMY US74 S5.149	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
25670-26100	BROADCASTING		25670-26100	BROADCASTING US25 US340	BROADCASTING US25 US340	
26100-26175	MARITIME MOBILE S5.132		26100-26175	MARITIME MOBILE S5.132 US340	MARITIME MOBILE S5.132 US340	See Annex H for Maritime Mobile channel use.
			26100.25-26120.75	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	Coast stations, narrow-band direct-printing telegraphy and data transmission systems (paired frequencies) S5.132	
			26120.75-26122.5	Coast stations, digital selective calling	Coast stations, digital selective calling	
			26122.5-26145	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	Coast stations, wide-band and A1A Morse telegraphy, facsimile, special and data transmission systems and direct-printing telegraphy systems	
			26145-26175	Coast stations, telephony, duplex operation	Coast stations, telephony, duplex operation	
26175-27500	FIXED MOBILE except aeronautical mobile S5.150		26175-26480	 US340	LAND MOBILE US340	
			26480-26950	FIXED MOBILE except aeronautical mobile US10 US340	 US10 US340	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 kHz	Region 2 kHz	Region 3 kHz	Band kHz	Government Allocation	Non-Government Allocation	Remarks
			26950-26960	S5.150 US340	FIXED S5.150 US340	26.955 kHz International fixed public
			26960-27230	S5.150 US340	MOBILE except aeronautical mobile S5.150 US340	ISM 27120 ± 160 kHz
			27230-27410	S5.150 US340	FIXED MOBILE except aeronautical mobile S5.150 US340	ISM 27120 ± 160 kHz Personal Public Safety Industrial Land Transportation

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
27.5-28	METEOROLOGICAL AIDS FIXED MOBILE		27.41-27.54	US340	FIXED LAND MOBILE US340	Industrial
			27.54-28	FIXED MOBILE US298 US340	US298 US340	
28-29.7	AMATEUR AMATEUR-SATELLITE		28-29.7	US340	AMATEUR AMATEUR-SATELLITE US340	
29.7-30.005	FIXED MOBILE		29.7-29.8	US340	LAND MOBILE US340	Industrial

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
			29.8-29.89	US340	FIXED US340	29.81-29.88 MHz Aeronautical fixed International fixed public
			29.89-29.91	FIXED MOBILE US340	US340	See Section 4.3.6 of the NTIA Manual for Channeling Plan.
			29.91-30	US340	FIXED US340	29.92-29.99 MHz Aeronautical fixed International fixed public
30.005-30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		30-30.56	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.
30.01-37.5	FIXED MOBILE		30.56-32		FIXED LAND MOBILE NG124	Industrial Land Transportation Public Safety
			32-33	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
			33-34		FIXED LAND MOBILE NG124	33.00-33.01 MHz Land Transportation 33.01-33.11 MHz Public Safety 33.11-33.41 MHz Industrial 33.41-34 MHz Public Safety
			34-35	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.
			35-36		FIXED LAND MOBILE NG124	35.00-35.19 MHz Industrial 35.19-35.69 MHz Domestic Public Industrial Public Safety 35.69-36.00 MHz Industrial
			36-37	FIXED MOBILE US220	US220	See Section 4.3.6 of the NTIA Manual for Channeling Plan.
			37-37.5		LAND MOBILE NG124	37.00-37.01 MHz Industrial 37.01-37.43 MHz Public Safety 37.43-37.5 MHz Industrial

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
37.5-38.25	FIXED MOBILE Radio Astronomy S5.149		37.5-38	Radio Astronomy S5.149	LAND MOBILE Radio Astronomy S5.149 NG59 NG124	37.50-37.89 MHz Industrial 37.89-38.00 Public Safety
			38-38.25	FIXED MOBILE RADIO ASTRONOMY S5.149 US81	RADIO ASTRONOMY S5.149 US81	See Section 4.3.6 of the NTIA Manual for Channeling Plan.
38.25-39.986	FIXED MOBILE		38.25-39	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.
			39-40		LAND MOBILE NG124	Public Safety
39.986-40.02	FIXED MOBILE Space Research					
			40-42	FIXED MOBILE S5.150 US210 US220	S5.150 US210 US220	See Section 4.3.6 of the NTIA Manual for Channeling Plan. ISM 40.68 ± 0.02 MHz
40.02-40.98	FIXED MOBILE S5.150					

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
40.98-41.015	FIXED MOBILE Space Research S5.160 S5.161					
41.015-44	FIXED MOBILE S5.160 S5.161		42-43.69		FIXED LAND MOBILE NG124 NG141	42.00-42.95 MHz Public Safety 42.95-43.19 MHz Industrial 43.19-43.69 MHz Domestic Public Industrial Public Safety 43.69-44.61 MHz Land Transportation 44.61-46.60 MHz Public Safety
44-47	FIXED MOBILE S5.162		43.69-46.6		LAND MOBILE NG124 NG141	
			46.6-47	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
47-68 BROADCASTING S5.163 S5.164 S5.165 S5.169 S5.171	47-50 FIXED MOBILE	47-50 FIXED MOBILE BROADCASTING	47-49.6		LAND MOBILE NG124	47.00-47.43 MHz Public safety 47.43-47.69 MHz Public Safety Industrial 47.69-49.60 Industrial
	50-54 AMATEUR S5.166 S5.167 S5.168 S5.170		49.6-50	FIXED MOBILE		See Section 4.3.6 of the NTIA Manual for Channeling Plan.
	54-68 BROADCASTING Fixed Mobile S5.172	54-68 FIXED MOBILE BROADCASTING	50-54		AMATEUR	
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	54-72		BROADCASTING NG128 NG149	Television broadcasting
	72-73 FIXED MOBILE		72-73		FIXED MOBILE NG3 NG49 NG56	72.02-72.98 MHz Operational fixed
	73-74.6 RADIO ASTRONOMY S5.178		73-74.6	RADIO ASTRONOMY US74	RADIO ASTRONOMY US74	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
	74.6-74.8 FIXED MOBILE		74.6-74.8	FIXED MOBILE US273 S5.180	FIXED MOBILE US273 S5.180	
74.8-75.2	AERONAUTICAL RADIONAVIGATION S5.180 S5.181		74.8-75.2	AERONAUTICAL RADIONAVIGATION S5.180	AERONAUTICAL RADIONAVIGATION S5.180	75 MHz Marker beacons.
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		75.2-75.4	FIXED MOBILE US273 S5.180	FIXED MOBILE US273 S5.180	
	75.4-76 FIXED MOBILE	75.4-87 FIXED MOBILE 5.149 S5.182 S5.183 S5.186 S5.188	75.4-76		FIXED MOBILE NG3 NG49 NG56	75.42-75.98 MHz Operational Fixed
	76-88 BROADCASTING Fixed Mobile S5.185		76-88		BROADCASTING NG128 NG129 NG149	Television broadcasting
87.5-100 BROADCASTING S5.190		87-100 FIXED MOBILE BROADCASTING				
	88-100 BROADCASTING		88-108	US93	BROADCASTING US93 NG2 NG128 NG129	FM broadcasting
100-108	BROADCASTING S5.192 S5.194					

TABLES OF FREQUENCY ALLOCATIONS						
INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
108-117.975	AERONAUTICAL RADIONAVIGATION S5.197		108-117.975	AERONAUTICAL RADIONAVIGATION G126 US93	AERONAUTICAL RADIONAVIGATION US93	
117.975-136	AERONAUTICAL MOBILE (R) S5.111 S5.198 S5.199 S5.200 S5.201		117.975-121.9375	AERONAUTICAL MOBILE (R) US26 US28 S5.111 S5.198 S5.199 S5.200	AERONAUTICAL MOBILE (R) US26 US28 S5.111 S5.198 S5.199 S5.200	
			121.9375-123.0875	US30 US31 US33 US80 US102 US213 S5.198	AERONAUTICAL MOBILE US30 US31 US33 US80 US102 US213 S5.198	Private aircraft
			123.0875-123.5875	AERONAUTICAL MOBILE S5.198 S5.200 US32 US33 US112	AERONAUTICAL MOBILE S5.198 S5.200 US32 US33 US112	123.1 MHz for SAR Scene-of Action communications (See Section 7.5.4 of the NTIA Manual)
			123.5875-128.8125	AERONAUTICAL MOBILE (R) S5.198 US26	AERONAUTICAL MOBILE (R) S5.198 US26	
			128.8125-132.0125	S5.198	AERONAUTICAL MOBILE (R) S5.198	
			132.0125-136.00	AERONAUTICAL MOBILE (R) S5.198 US26	AERONAUTICAL MOBILE (R) S5.198 US26	
136-137	AERONAUTICAL MOBILE (R) Fixed Mobile except aeronautical mobile (R) S5.198 S5.202 S5.203		136-137	US244 S5.198	AERONAUTICAL MOBILE(R) US244 S5.198	

TABLES OF FREQUENCY ALLOCATIONS						
INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
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		137-137.025	SPACE OPERATION (space-to-Earth) METEOROLOGICAL SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) US319 US320 S5.209 US318 S5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) US319 US320 S5.209 US318 S5.208	
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		137.025-137.175	SPACE OPERATION (space-to-Earth) METEOROLOGICAL SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-earth) Mobile-Satellite (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-Satellite (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	

TABLES OF FREQUENCY ALLOCATIONS						
INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
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		137.175- 137.825	SPACE OPERATION (space-to-Earth) METEOROLOGICAL SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	
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		137.825-138	SPACE OPERATION (space-to-Earth) METEOROLOGICAL- SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-Satellite (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL- SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-Satellite (space-to-Earth) US319 US320 S5.208A S5.209 US318 S5.208	
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	138-144	FIXED MOBILE US10 G30	 US10	

TABLES OF FREQUENCY ALLOCATIONS

INTERNATIONAL			UNITED STATES			
Region 1 MHz	Region 2 MHz	Region 3 MHz	Band MHz	Government Allocation	Non-Government Allocation	Remarks
143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214	143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) RADIOLOCATION	143.6-143.65 FIXED MOBILE SPACE RESEARCH (space-to-Earth) S5.207 S5.213				
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				
144-146	AMATEUR S5.120 AMATEUR-SATELLITE S5.216		144-146		AMATEUR S5.120 AMATEUR-SATELLITE	
146-148 FIXED MOBILE except aero- nautical mobile (R)	146-148 AMATEUR S5.217	146-148 AMATEUR FIXED MOBILE S5.217	146-148		AMATEUR	
148-149.9 FIXED MOBILE except aero- nautical 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		148-149.9	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.209 US319 US320 US323 US325 S5.218 S5.219 US10 G30	MOBILE-SATELLITE (Earth-to-space) S5.209 US319 US320 US323 US325 S5.218 S5.219 US10	