

ANNEX H

Assignment Guide for Maritime Mobile Bands 4-26 MHz

TABLE 1: Table of Single-Sideband Transmitting Frequencies (kHz) for Duplex (Two-Frequency) Operation

(ITU RR Appendix 17 Part B Section I, Sub-Section A, and Appendix 25)

Assignable Frequencies:

Channel No.	4 MHz Band			
	Coast Stations 4352.4-4436.4 kHz		Ship Stations 4066.4-4144.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
401	4357	4358.4	4065	4066.4
402	4360	4361.4	4068	4069.4
403	4363	4364.4	4071	4072.4
404	4366	4367.4	4074	4075.4
405	4369	4370.4	4077	4078.4
406	4372	4373.4	4080	4081.4
407	4375	4376.4	4083	4084.4
408	4378	4379.4	4086	4087.4
409	4381	4382.4	4089	4090.4
410	4384	4385.4	4092	4093.4
411	4387	4388.4	4095	4096.4
412	4390	4391.4	4098	4099.4
413	4393	4394.4	4101	4102.4
414	4396	4397.4	4104	4105.4
415	4399	4400.4	4107	4108.4
416	4402	4403.4	4110	4111.4
417	4405	4406.4	4113	4114.4
418	4408	4409.4	4116	4117.4
419	4411	4412.4	4119	4120.4
420	4414	4415.4	4122	4123.4
421	4417*	4418.4*	4125* ⁴	4126.4*
422	4420	4421.4	4128	4129.4
423	4423	4424.4	4131	4132.4
424	4426	4427.4	4134	4135.4
425	4429	4430.4	4137	4138.4
426	4432	4433.4	4140	4141.4
427 ²	4435	4436.4	4143	4144.4
428 ^{1 2 3}	4351	4352.4	-	-
429 ^{1 2 3}	4354	4355.4	-	-

TABLE 1 - Continued				
Channel No.	6 MHz Band			
	Coast Stations 6502.4-6523.4 kHz		Ship Stations 6201.4-6222.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
601	6501	6502.4	6200	6201.4
602	6504	6505.4	6203	6204.4
603	6507	6508.4	6206	6207.4
604	6510	6511.4	6209	6210.4
605	6513	6514.4	6212	6213.4
606	6516*	6517.4*	6215* ⁵	6216.4*
607 ²	6519	6520.4	6218	6219.4
608 ²	6522	6523.4	6221	6222.4

TABLE 1 - Continued				
Channel No.	8 MHz Band			
	Coast Stations 8708.4-8813.4 kHz		Ship Stations 8196.4-8292.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
801	8719	8720.4	8195	8196.4
802	8722	8723.4	8198	8199.4
803	8725	8726.4	8201	8202.4
804	8728	8729.4	8204	8205.4
805	8731	8732.4	8207	8208.4
806	8734	8735.4	8210	8211.4
807	8737	8738.4	8213	8214.4
808	8740	8741.4	8216	8217.4
809	8743	8744.4	8219	8220.4
810	8746	8747.4	8222	8223.4
811	8749	8750.4	8225	8226.4
812	8752	8753.4	8228	8229.4
813	8755	8756.4	8231	8232.4
814	8758	8759.4	8234	8235.4
815	8761	8762.4	8237	8238.4
816	8764	8765.4	8240	8241.4
817	8767	8768.4	8243	8244.4
818	8770	8771.4	8246	8247.4
819	8773	8774.4	8249	8250.4
820	8776	8777.4	8252	8253.4
821	8779*	8780.4*	8255*	8256.4*
822	8782	8783.4	8258	8259.4
823	8785	8786.4	8261	8262.4
824	8788	8789.4	8264	8265.4
825	8791	8792.4	8267	8268.4

TABLE 1 - Continued				
Channel No.	8 MHz Band			
	Coast Stations 8708.4-8813.4 kHz		Ship Stations 8196.4-8292.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
826	8794	8795.4	8270	8271.4
827	8797	8798.4	8273	8274.4
828	8800	8801.4	8276	8277.4
829	8803	8804.4	8279	8280.4
830	8806	8807.4	8282	8283.4
831	8809	8810.4	8285	8286.4
832	8812	8813.4	8288	8289.4
833	8291 ⁷	8292.4	8291 ⁷	8292.4
834	8707	8708.4		
835 ^{2 3 6}	8710	8711.4		
836 ^{2 3 6}	8713	8714.4		
837 ^{2 3 6}	8716	8717.4		

TABLE 1 - Continued				
Channel No.	12/13 MHz Band			
	Coast Stations 13078.4-13198.4 kHz		Ship Stations 12331.4-12351.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1201	13077	13078.4	12230	12231.4
1202	13080	13081.4	12233	12234.4
1203	13083	13084.4	12236	12237.4
1204	13086	13087.4	12239	12240.4
1205	13089	13090.4	12242	12243.4
1206	13092	13093.4	12245	12246.4
1207	13095	13096.4	12248	12249.4
1208	13098	13099.4	12251	12251.4
1209	13101	13102.4	12254	12255.4
1210	13104	13105.4	12257	12258.4
1211	13107	13108.4	12260	12261.4
1212	13110	13111.4	12263	12264.4
1213	13113	13114.4	12266	12267.4
1214	13116	13117.4	12269	12270.4
1215	13119	13120.4	12272	12273.4
1216	13122	13123.4	12275	12276.4
1217	13125	13126.4	12278	12279.4
1218	13128	13129.4	12281	12282.4
1219	13131	13132.4	12284	12285.4
1220	13134	13135.4	12287	12288.4
1221	13137*	13138.4*	12290* ⁸	12291.4*
1222	13140	13141.4	12293	12294.4

TABLE 1 - Continued				
Channel No.	12/13 MHz Band			
	Coast Stations 13078.4-13198.4 kHz		Ship Stations 12331.4-12351.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1223	13143	13144.4	12296	12297.4
1224	13146	13147.4	12299	12300.4
1225	13149	13150.4	12302	12303.4
1226	13152	13153.4	12305	12306.4
1227	13155	13156.4	12308	12309.4
1228	13158	13159.4	12311	12312.4
1229	13161	13162.4	12314	12315.4
1230	13164	13165.4	12317	12318.4
1231	13167	13168.4	12320	12321.4
1232	13170	13171.4	12323	12324.4
1233 ²	13173	13174.4	12326	12327.4
1234 ²	13176	13177.4	12329	12330.4
1235 ²	13179	13180.4	12332	12333.4
1236 ²	13182	13183.4	12335	12336.4
1237 ²	13185	13186.4	12338	12339.4
1238 ²	13188	13189.4	12341	12342.4
1239 ²	13191	13192.4	12344	12345.4
1240 ²	13194	13195.4	12347	12348.4
1241 ²	13197	13198.4	12350	12351.4

TABLE 1 - Continued				
Channel No.	16/17 MHz Band			
	Coast Stations 17243.4-17408.4 kHz		Ship Stations 16361.4-17526.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1601	17242	17243.4	16360	16361.4
1602	17245	17246.4	16363	16364.4
1603	17248	17249.4	16366	16367.4
1604	17251	17252.4	16369	16370.4
1605	17254	17255.4	16372	16373.4
1606	17257	17258.4	16375	16376.4
1607	17260	17261.4	16378	16379.4
1608	17263	17264.4	16381	16382.4
1609	17266	17267.4	16384	16385.4
1610	17269	17270.4	16387	16388.4
1611	17272	17273.4	16390	16391.4
1612	17275	17276.4	16393	16394.4
1613	17278	17279.4	16396	16397.4
1614	17281	17282.4	16399	16400.4
1615	17284	17285.4	16402	16403.4

TABLE 1 - Continued

Channel No.	16/17 MHz Band			
	Coast Stations 17243.4-17408.4 kHz		Ship Stations 16361.4-17526.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1616	17287	17288.4	16405	16406.4
1617	17290	17291.4	16408	16409.4
1618	17293	17294.4	16411	16412.4
1619	17296	17297.4	16414	16415.4
1620	17299	17300.4	16417	16418.4
1621	17302*	17303.4*	16420* ⁹	16421.4*
1622	17305	17306.4	16423	16424.4
1623	17308	17309.4	16426	16427.4
1624	17311	17312.4	16429	16430.4
1625	17314	17315.4	16432	16433.4
1626	17317	17318.4	16435	16436.4
1627	17320	17321.4	16438	16439.4
1628	17323	17324.4	16441	16442.4
1629	17326	17327.4	16444	16445.4
1630	17329	17330.4	16447	16448.4
1631	17332	17333.4	16450	16451.4
1632	17335	17336.4	16453	16454.4
1633	17338	17339.4	16456	16457.4
1634	17341	17342.4	16459	16460.4
1635	17344	17345.4	16462	16463.4
1636	17347	17348.4	16465	16466.4
1637	17350	17351.4	16468	16469.4
1638	17353	17354.4	16471	16472.4
1639	17356	17357.4	16474	16475.4
1640	17359	17360.4	16477	16478.4
1641	17362	17363.4	16480	16481.4
1642 ²	17365	17366.4	16483	16484.4
1643 ²	17368	17369.4	16486	16487.4
1644 ²	17371	17372.4	16489	16490.4
1645 ²	17374	17375.4	16492	16493.4
1646 ²	17377	17378.4	16495	16495.4
1647 ²	17380	17381.4	16498	16499.4
1648 ²	17383	17384.4	16501	16502.4
1649 ²	17386	17387.4	16504	16505.4
1650 ²	17389	17390.4	16507	16508.4
1651 ²	17392	17393.4	16510	16511.4
1652 ²	17395	17396.4	16513	16514.4
1653 ²	17398	17399.4	16516	16517.4
1654 ²	17401	17402.4	16519	16520.4
1655 ²	17404	17405.4	16522	16523.4

TABLE 1 - Continued				
Channel No.	16/17 MHz Band			
	Coast Stations 17243.4-17408.4 kHz		Ship Stations 16361.4-17526.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1656 ²	17407	17408.4	16525	16526.4

TABLE 1 - Continued				
Channel No.	18/19 MHz Band			
	Coast Stations 19756.4-19798.4 kHz		Ship Stations 18781.4-18823.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
1801 ²	19755	19756.4	18780	18781.4
1802 ²	19758	19759.4	18783	18784.4
1803 ²	19761	19762.4	18786	18787.4
1804 ²	19764	19765.4	18789	18790.4
1805 ²	19767	19768.4	18792	18793.4
1806	19770*	19771.4*	18795*	18796.4*
1807 ²	19773	19774.4	18798	18799.4
1808 ²	19776	19777.4	18801	18802.4
1809 ²	19779	19780.4	18804	18805.4
1810 ²	19782	19783.4	18807	18808.4
1811 ²	19785	19786.4	18810	18811.4
1812 ²	19788	19789.4	18813	18814.4
1813 ²	19791	19792.4	18816	18817.4
1814 ²	19794	19795.4	18819	18820.4
1815 ²	19797	19798.4	18822	18823.4

TABLE 1 - Continued				
Channel No.	22 MHz Band			
	Coast Stations 22697.4-22853.4 kHz		Ship Stations 22001.4-22157.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
2201	22696	22697.4	22000	22001.4
2202	22699	22700.4	22003	22004.4
2203	22702	22703.4	22006	22007.4
2204	22705	22706.4	22009	22010.4
2205	22708	22709.4	22012	22013.4
2206	22711	22712.4	22015	22016.4
2207	22714	22715.4	22018	22019.4
2208	22717	22718.4	22021	22022.4
2209	22720	22721.4	22024	22025.4
2210	22723	22724.4	22027	22028.4
2211	22726	22727.4	22030	22031.4

TABLE 1 - Continued				
Channel No.	22 MHz Band			
	Coast Stations 22697.4-22853.4 kHz		Ship Stations 22001.4-22157.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
2212	22729	22730.4	22033	22034.4
2213	22732	22733.4	22036	22037.4
2214	22735	22736.4	22039	22040.4
2215	22738	22739.4	22042	22043.4
2216	22741	22742.4	22045	22046.4
2217	22744	22745.4	22048	22049.4
2218	22747	22748.4	22051	22052.4
2219	22750	22751.4	22054	22055.4
2220	22753	22754.4	22057	22058.4
2221	22756*	22757.4*	22060*	22061.4*
2222	22759	22760.4	22063	22064.4
2223	22762	22763.4	22066	22067.4
2224	22765	22766.4	22069	22070.4
2225	22768	22769.4	22072	22073.4
2226	22771	22772.4	22075	22076.4
2227	22774	22775.4	22078	22079.4
2228	22777	22778.4	22081	22082.4
2229	22780	22781.4	22084	22085.4
2230	22783	22784.4	22087	22088.4
2231	22786	22787.4	22090	22091.4
2232	22789	22790.4	22093	22094.4
2233	22792	22793.4	22096	22097.4
2234	22795	22796.4	22099	22100.4
2235	22798	22799.4	22102	22103.4
2236	22801	22802.4	22105	22106.4
2237	22804	22805.4	22108	22109.4
2238	22807	22808.4	22111	22112.4
2239	22810	22811.4	22114	22115.4
2240	22813	22814.4	22117	22118.4
2241 ²	22816	22817.4	22120	22121.4
2242 ²	22819	22820.4	22123	22124.4
2243 ²	22822	22823.4	22126	22127.4
2244 ²	22825	22826.4	22129	22130.4
2245 ²	22828	22829.4	22132	22133.4
2246 ²	22831	22832.4	22135	22136.4
2247 ²	22834	22835.4	22138	22139.4
2248 ²	22837	22838.4	22141	22142.4
2249 ²	22840	22841.4	22144	22145.4
2250 ²	22843	22844.4	22147	22148.4
2251 ²	22846	22847.4	22150	22151.4

TABLE 1 - Continued				
Channel No.	22 MHz Band			
	Coast Stations 22697.4-22853.4 kHz		Ship Stations 22001.4-22157.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
2252 ²	22849	22850.4	22153	22154.4
2253 ²	22852	22853.4	22156	22157.4

TABLE 1 - Continued				
Channel No.	25/26 MHz Band			
	Coast Stations 26146.4-26173.4 kHz		Ship Stations 25071.4-25098.4 kHz	
	Carrier Freq.	Assigned Freq.	Carrier Freq.	Assigned Freq.
2501 ²	26145	26146.4	25070	25071.4
2502 ²	26148	26149.4	25073	25074.4
2503 ²	26151	26152.4	25076	25077.4
2504 ²	26154	26155.4	25079	25080.4
2505 ²	26157	26158.4	25082	25083.4
2506	26160	26161.4	25085	25086.4
2507 ²	26163	26164.4	25088	25089.4
2508 ²	26166	26167.4	25091	25092.4
2509 ²	26169	26170.4	25094	25095.4
2510	26172*	26173.4*	25097*	25098.4*

1 These coast station frequencies may be paired with a ship station frequency from the table of simplex frequencies for ship and coast stations (see Table 2) or with a frequency from the band 4000-4063 kHz (see Sections 4.3.13 and 7.5.7 of this Manual).

2 Planned for exclusive non-Federal use.

3 These channels may also be used for simplex operation.

4 For the conditions of use of the carrier frequency 4125 kHz, see ITU RR Nos. **52.224**, **52.225** and Appendix **15**.

5 For the conditions of use of the carrier frequency 6215 kHz, see ITU RR Appendices **13** and **15**.

6 These coast station frequencies may be paired with a ship station frequency from the table of simplex frequencies for ship and coast stations (see Table 2) or with a frequency from the band 8100-8195 kHz (see Sections 4.3.13 and 7.5.7 of this Manual).

7 For the conditions of use of the carrier frequency 8291 kHz, see ITU RR Appendix **15**.

8 For the conditions of use of the carrier frequency 12290 kHz, see ITU RR Appendix **15**.

9 For the conditions of use of the carrier frequency 16420 kHz, see ITU RR Appendix **15**.

* The frequencies followed by an asterisk are calling frequencies (see ITU RR **52.221** and **52.222**).

Emission: 2K80J3E**Maximum Mean Power:** FC \leq 10kW MS \leq 1.5 kW

Class of Station: FC, MS. Coast and ship station frequencies must be paired in accordance with Table 1, except for the following authorized simplex operations.

The carrier frequencies 4417 kHz and 6516 kHz (and in the United States also the carrier frequency 4125 kHz) may be used on a simplex basis provided that the peak envelope power of such stations does not exceed 1 kW. The use of 6516 kHz for this purpose should be limited to daytime operation. (See ITU RR Nos. **52.221.1** and **52.222.2**.)

The carrier frequencies 4125 kHz, 6215 kHz, 8291 kHz, 12290 kHz, and 16420 kHz are also authorized for common use by coast and ship stations for single-sideband radiotelephony on a simplex basis for distress and safety traffic (See ITU RR **52.221.3**).

The carrier frequencies 4125 kHz and 6215 kHz may also be used on a simplex basis for call and reply, provided that the peak envelope power of such stations does not exceed 1 kW. The use of 6215 kHz (carrier frequency) for working purposes is not permitted (See ITU RR Appendix **13**, Part A, Section I, E § 4 (1), RR Nos. **52.221.1** and **52.221.2**).

TABLE 2: Ship and Coast Telephony (Simplex)*(ITU RR Appendix 17, Part A Sub-Section B)***Assignable Frequencies:**

4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	18 MHz	22 MHz	25 MHz
4147.4	6225.4	8295.4	12354.4	16529.4	18826.4	22160.4	25101.4
4150.4	6228.4	8298.4	12357.4	16532.4	18829.4	22163.4	25104.4
	6231.4		12360.4	16535.4	18832.4	22166.4	25107.4
			12363.4	16538.4	18835.4	22169.4	25110.4
			12366.4	16541.4	18838.4	22172.4	25113.4
				16544.4	18841.4	22175.4	25116.4
				16547.4	18844.4	22178.4	25119.4

Emission: 2K80J3E**Power:** pX \leq 1KW**Class of Station:** FC, MS**Other:** Shared non-priority basis Federal and non-Federal.**TABLE 3: Ship Wideband Telegraphy, Facsimile and Special Transmission Systems****Assignable Frequencies:**

4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	18 MHz	22 MHz	25 MHz
4154	6235	8302	12370	16551	18848	22182	25123
4158	6239	8306	12374	16555	18852	22186	25127
4162	6243	8310	12378	16559	18856	22190	25131
4166	6247	8314	12382	16563	18860	22194	25135
4170	6251	8318	12386	16567	18864	22198	25139
	6255	8322	12390	16571	18868	22202	25143
	6259	8326	12394	16575		22206	25147
		8330	12398	16579		22210	25151
		8334	12402	16583		22214	25155

TABLE 3: Ship Wideband Telegraphy, Facsimile and Special Transmission Systems

Assignable Frequencies:							
		8338	12406	16587		22218	25159
			12410	16591		22222	
			12414	16595		22226	
			12418	16599		22230	
				16603		22234	
				16607		22238	
				16611			
				16615			

Emission: Wide-band telegraphy, facsimile and special transmission systems.

Power: ≤ 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Class of Station: MS

TABLE 4: Oceanographic Data Transmission

Assignable Frequencies:					
4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz
4063.3	6261.3	8340.3	12420.3	16617.3	22240.3
4063.6	6261.6	8340.6	12420.6	16617.6	22240.6
4063.9	6261.9	8340.9	12420.9	16617.9	22240.9
4064.2	6262.2	8341.2	12421.2	16618.2	22241.2
4064.5	6262.5	8341.5	12421.5	16618.5	22241.5
4064.8					

Emission: ≤ 300 HF1D or 300HJ2D

Power: ≤ 100 watts (OD only)

Class of Station: OD and OE

See Section 8.2.29 of this Manual for rules governing the assignment of frequencies in the oceanographic data bands.

TABLE 5: Ship and Coast (Paired) NBDP Telegraph and Data Transmission Systems (ITU RR Appendix 17, Part B, Section II)

Assignable Frequencies:						
Channel	4 MHz		6 MHz		8 MHz	
	Coast	Ship	Coast	Ship	Coast	Ship
1	4210.5	4172.5	6314.5	6263	8376.5	8376.5
2	4211	4173	6315	6263.5	8417	8377
3	4211.5	4173.5	6315.5	6264	8417.5	8277.5.5
4	4212	4174	6316	6264.5	8418	8378
5	4212.5	4174.5	6316.5	6265	8418.5	8378.5.5
6	4213	4175	6317	6265.5	8419	8379
7	4213.5	4175.5	6317.5	6266	8419.5	8379.5

**TABLE 5: Ship and Coast (Paired) NBDP Telegraph and Data Transmission Systems
(ITU RR Appendix 17, Part B, Section II)**

Assignable Frequencies:

Channel	4 MHz		6 MHz		8 MHz	
	Coast	Ship	Coast	Ship	Coast	Ship
8	4214	4176	6318	6266.5	8420	8380
9	4214.5	4176.5	6318.5	6267	8420.5	8380.5
10	4215	4177	6319	6267.5	8421	8381
11	4177.5	4177.5	6268	6268	8421.5	8381.5
12	4215.5	4178	6319.5	6268.5	8422	8382
13	4216	4178.5	6320	6269	8422.5	8382.5
14	4216.5	4179	6320.5	6269.5	8423	8423
15	4217	4179.5	6321	6270	8423.5	8383.5
16	4217.5	4180	6321.5	6270.5	8424	8384
17	4218	4180.5	6322	6271	8424.5	8384.5
18	4218.5	4181	6322.5	6271.5	8425	8395
19	4219	4181.5	6323	6272	8425.5	8385.5
20			6323.5	6272.5	8426	8386
21			6324	6273	8426.5	8386.5
22			6324.5	6273.5	8427	8387
23			6325	6274	8427.5	8387.5
24			6325.5	6274.5	8428	8388
25			6326	6275	8428.5	8388.5
26			6326.5	6275.5	8429	8389
27			6327	6281	8429.5	8389.5
28			6327.5	6281.5	8430	8390
29			6328	6282	8430.5	8390.5
30			6328.5	6282.5	8431	8391
31			6329	6283	8431.5	8391.5
32			6329.5	6283.5	8432	8392
33			6330	6284	8432.5	8392.5
34			6330.5	6284.5	8433	8393
35					8433.5	8393.5
36					8434	8394
37					8434.5	8394.5
38					8435	8395
39					8435.5	8395.5
40					8436	8396

Channel	12 MHz	
	Coast	Ship
1	12579.5	12477
2	12580	12477.5
3	12580.5	12478
4	12581	12478.5
5	12581.5	12479
6	12582	12479.5
7	12582.5	12480
8	12583	12480.5
9	12583.5	12481
10	12584	12481.5
11	12584.5	12482
12	12585	12482.5
13	12585.5	12483
14	12586	12483.5
15	12586.5	12484
16	12587	12484.5
17	12587.5	12485
18	12588	12485.5
19	12588.5	12486
20	12589	12486.5
21	12589.5	12487
22	12590	12487.5
23	12590.5	12488
24	12591	12488.5
25	12591.5	12489
26	12592	12489.5
27	12592.5	12490
28	12593	12490.5
29	12593.5	12491
30	12594	12491.5
31	12594.5	12492
32	12595	12492.5
33	12595.5	12493
34	12596	12493.5
35	12596.5	12494
36	12597	12494.5
37	12597.5	12495
38	12598	12495.5
39	12598.5	12496
40	12599	12496.5
41	12599.5	12497
42	12600	12497.5
43	12600.5	12498
44	12601	12498.5
45	12601.5	12499
46	12602	12499.5
47	12602.5	12500
48	12603	12500.5
49	12603.5	12501
50	12604	12501.5
51	12604.5	12502
52	12605	12502.5

53	12605.5	12503
54	12606	12503.5
55	12606.5	12504
56	12607	12504.5
57	12607.5	12505
58	12608	12505.5
59	12608.5	12506
60	12609	12506.5
61	12609.5	12507
62	12610	12507.5
63	12610.5	12508
64	12611	12508.5
65	12611.5	12509
66	12612	12509.5
67	12612.5	12510
68	12613	12510.5
69	12613.5	12511
70	12614	12511.5
71	12614.5	12512
72	12615	12512.5
73	12615.5	12513
74	12616	12513.5
75	12616.5	12514
76	12617	12514.5
77	12617.5	12515
78	12618	12515.5
79	12618.5	12516
80	12619	12516.5
81	12619.5	12517
82	12620	12517.5
83	12620.5	12518
84	12621	12518.5
85	12621.5	12519
86	12622	12519.5
87	12520	12520
88	12622.5	12520.5
89	12623	12521
90	12623.5	12521.5
91	12624	12522
92	12624.5	12522.5
93	12625	12523
94	12625.5	12523.5
95	12626	12524
96	12626.5	12524.5
97	12627	12525
98	12627.5	12525.5
99	12628	12526
100	12628.5	12526.5
101	12629	12527
102	12629.5	12527.5
103	12630	12528
104	12630.5	12528.5
105	12631	12529
106	12631.5	12529.5
107	12632	12530

108	12632.5	12530.5
109	12633	12531
110	12633.5	12531.5
111	12634	12532
112	12634.5	12532.5
113	12635	12533
114	12635.5	12533.5
115	12636	12534
116	12636.5	12534.5
117	12637	12535
118	12637.5	12535.5
119	12638	12536
120	12638.5	12536.5
121	12639	12537
122	12639.5	12537.5
123	12640	12538
124	12640.5	12538.5
125	12641	12539
126	12641.5	12539.5
127	12642	12540
128	12642.5	12540.5
129	12643	12541
130	12643.5	12541.5
131	12644	12542
132	12644.5	12542.5
133	12645	12543
134	12645.5	12543.5
135	12646	12544
136	12646.5	12544.5
137	12647	12545
138	12647.5	12545.5
139	12648	12546
140	12648.5	12546.5
141	12649	12547
142	12649.5	12547.5
143	12650	12548
144	12650.5	12548.5
145	12651	12549
146	12651.5	12549.5
147	12652	12555
148	12652.5	12555.5
149	12653	12556
150	12653.5	12556.5
151	12654	12557
152	12654.5	12557.5
153	12655	12558
154	12655.5	12558.5
155	12656	12559
156	12656.5	12559.5

Channel	16 MHz	
	Coast	Ship
1	16807	16683.5
2	16807.5	16684
3	16808	16684.5
4	16808.5	16685
5	16809	16685.5
6	16809.5	16686
7	16810	16686.5
8	16810.5	16687
9	16811	16687.5
10	16811.5	16688
11	16812	16688.5
12	16812.5	16689
13	16813	16689.5
14	16813.5	16690
15	16814	16690.5
16	16814.5	16691
17	16815	16691.5
18	16815.5	16692
19	16816	16692.5
20	16816.5	16693
21	16817	16693.5
22	16817.5	16694
23	16818	16694.5
24	16695	16695
25	16818.5	16695.5
26	16819	16696
27	16819.5	16696.5
28	16820	16697
29	16820.5	16697.5
30	16821	16698
31	16821.5	16698.5
32	16822	16699
33	16822.5	16699.5
34	16823	16670
35	16823.5	16700.5
36	16824	16701
37	16824.5	16701.5
38	16825	16702
39	16825.5	16702.5
40	16826	16703
41	16826.5	16703.5
42	16827	16704
43	16827.5	16704.5
44	16828	16705
45	16828.5	16705.5
46	16829	16706
47	16829.5	16706.5
48	16830	16707
49	16830.5	16707.5
50	16831	16708
51	16831.5	16708.5
52	16832	16709

53	16832.5	16709.5
54	16833	16710
55	16833.5	16710.5
56	16834	16711
57	16834.5	16711.5
58	16835	16712
59	16835.5	16712.5
60	16836	16713
61	16836.5	16713.5
62	16837	16714
63	16837.5	16714.5
64	16838	16715
65	16838.5	16715.5
66	16839	16716
67	16839.5	16716.5
68	16840	16717
69	16840.5	16717.5
70	16841	16718
71	16841.5	16718.5
72	16842	16719
73	16842.5	16719.5
74	16843	16720
75	16843.5	16720.5
76	16844	16721
77	16844.5	16721.5
78	16845	16722
79	16845.5	16722.5
80	16846	16723
81	16846.4	16723.5
82	16847	16724
83	16847.5	16724.5
84	16848	16725
85	16848.5	16725.5
86	16849	16726
87	16849.5	16726.5
88	16850	16727
89	16850.5	16727.5
90	16851	16728
91	16851.5	16728.5
92	16852	16729
93	16852.5	16729.5
94	16853	16730
95	16853.5	16730.5
96	16854	16731
97	16854.5	16731.5
98	16855	16732
99	16855.5	16732.5
100	16856	16733
101	16856.5	16733.5
102	16857	16739
103	16857.5	16739.5
104	16858	16740
105	16858.5	16740.5
106	16859	16741
107	16859.5	16741.5

108	16860	16742
109	16860.5	16742.5
110	16861	16743
111	16861.5	16743.5
112	16862	16744
113	16862.5	16744.5
114	16863	16745
115	16863.5	16745.5
116	16864	16746
117	16864.5	16746.5
118	16865	16747
119	16865.5	16747.5
120	16866	16748
121	16866.5	16748.5
122	16867	16749
123	16867.5	16749.5
124	16868	16750
125	16868.5	16750.5
126	16869	16751
127	16869.5	16751.5
128	16870	16752
129	16870.5	16752.5
130	16871	16753
131	16871.5	16753.5
132	16872	16754
133	16872.5	16754.5
134	16873	16755
135	16873.5	16755.5
136	16874	16756
137	16874.5	16756.5
138	16875	16757
139	16875.5	16757.5
140	16876	16758
141	16876.5	16758.5
142	16877	16759
143	16877.5	16759.5
144	16878	16760
145	16878.5	16760.5
146	16879	16761
147	16879.5	16761.5
148	16880	16762
149	16880.5	16762.5
150	16881	16763
151	16881.5	16763.5
152	16882	16764
153	16882.5	16764.4
154	16883	16765
155	16883.5	16765.5
156	16884	16766
157	16884.5	16766.5
158	16885	16767
159	16885.5	16767.5
160	16886	16768
161	16886.5	16768.5
162	16887	16769

163	16887.5	16769.5
164	16888	16770
165	16888.5	16770.5
166	16889	16771
167	16889.5	16771.5
168	16890	16772
169	16890.5	16772.5
170	16891	16773
171	16891.5	16773.5
172	16892	16774
173	16892.5	16774.5
174	16893	16775
175	16893.5	16775.5
176	16894	16776
177	16894.5	16776.5
178	16895	16777
179	16895.5	16777.5
180	16896	16778
181	16896.5	16778.5
182	16897	16779
183	16897.5	16779.5
184	16898	16780
185	16898.5	16780.5
186	16899	16781
187	16899.5	16781.5
188	16900	16782
189	16900.5	16782.5
190	16901	16783
191	16901.5	16783.5
192	16902	16784
193	16902.5	16784.5

20	19690.5	18880
21	19691	18880.5
22	19691.5	18881
23	19692	18881.5
24	19692.5	18882
25	19693	18882.5
26	19693.5	18883
27	19694	18883.5
28	19694.5	18884
29	19695	18884.5
30	19695.5	18885
31	19696	18885.5
32	19696.5	18886
33	19697	18886.5
34	19697.5	18887
35	19698	18887.5
36	19698.5	18888
37	19699	18888.5
38	19699.5	18889
39	19700	18889.5
40	19700.5	18890
41	19701	18890.5
42	19701.5	18891
43	19702	18891.5
44	19702.5	18892
45	19703	18892.5

26	22389	22297
27	22389.5	22297.5
28	22390	22298
29	22390.5	22298.5
30	22391	22299
31	22391.5	22299.5
32	22392	22300
33	22392.5	22300.5
34	22393	22301
35	22393.5	22301.5
36	22394	22302
37	22394.5	22302.5
38	22395	22303
39	22395.5	22303.5
40	22396	22304
41	22396.5	22304.5
42	22397	22305
43	22397.5	22305.5
44	22398	22306
45	22398.5	22306.5
46	22399	22307
47	22399.5	22307.5
48	22400	22308
49	22400.5	22308.5
50	22401	22309
51	22401.5	22309.5
52	22402	22310
53	22402.5	22310.5
54	22403	22311
55	22403.5	22311.5
56	22404	22312
57	22404.5	22312.5
58	22405	22313
59	22405.5	22313.5
60	22406	22314
61	22406.5	22314.5
62	22407	22315
63	22407.5	22315.5
64	22408	22316.5
65	22408.5	22316.5
66	22409	22317
67	22409.5	22317.5
68	22410	22318
69	22410.5	22318.5
70	22411	22319
71	22411.5	22319.5
72	22412	22320
73	22412.5	22320.5
74	22413	22321
75	22413.5	22321.5
76	22414	22322
77	22414.5	22322.5
78	22415	22323
79	22415.5	22323.5
80	22416	22324

Channel	22 MHz	
	Coast	Ship
1	22376.5	22284.5
2	22377	22285
3	22377.5	22285.5
4	22378	22286
5	22378.5	22286.5
6	22379	22287
7	22379.5	22287.5
8	22380	22288
9	22380.5	22288.5
10	22381	22289
11	22381.5	22289.5
12	22382	22290
13	22382.5	22290.5
14	22383	22291
15	22383.5	22291.5
16	22384	22292
17	22384.5	22292.5
18	22385	22293
19	22385.5	22293.5
20	22386	22294
21	22386.5	22294.5
22	22387	22295
23	22387.5	22295.5
24	22388	22296
25	22388.5	22296.5

Channel	18-19 MHz	
	Coast	Ship
1	19681	18870.5
2	19681.5	18871
3	19682	18871.5
4	19682.5	18872
5	19683	18872.5
6	19683.5	18873
7	19684	18873.5
8	19684.5	18874
9	19685	18874.5
10	19685.5	18875
11	19686	18875.5
12	19686.5	18876
13	19687	18876.5
14	19687.5	18877
15	19688	18877.5
16	19688.5	18878
17	19689	18878.5
18	19689.5	18879
19	19690	18879.5

81	22416.5	22324.5
82	22417	22325
83	22417.5	22325.5
84	22418	22326
85	22418.5	22326.5
86	22419	22327
87	22419.5	22327.5
88	22420	22328
89	22420.5	22328.5
90	22421	22329
91	22421.5	22329.5
92	22422	22330
93	22422.5	22330.5
94	22423	22331
95	22423.5	22331.5
96	22424	22332
97	22424.5	22332.5
98	22425	22333
99	22425.5	22333.5
100	22426	22334
101	22426.5	22334.5
102	22427	22335
103	22427.5	22335.5
104	22428	22336
105	22428.5	22336.5
106	22429	22337
107	22429.5	22337.5
108	22430	22338
109	22430.5	22338.5
110	22431	22339
111	22431.5	22339.5
112	22432	22340
113	22432.5	22340.5
114	22433	22341
115	22433.5	22341.5
116	22434	22342
117	22434.5	22342.5
118	22435	22343
119	22435.5	22343.5
120	22436	22344
121	22436.5	22344.5
122	22437	22345
123	22437.5	22345.5
124	22438	22346
125	22438.5	22346.5
126	22439	22347
127	22439.5	22347.5
128	22440	22348
129	22440.5	22348.5
130	22441	22349
131	22441.5	22349.5
132	22442	22350
133	22442.5	22350.5
134	22443	22351
135	22443.5	22351.5

Channel	25-26 MHz	
	Coast	Ship
1	26101	25173
2	26101.5	25173.5
3	26102	25174
4	26102.5	25174.5
5	26103	25175
6	26103.5	25175.5
7	26104	25176
8	26104.5	25176.5
9	26105	25177
10	26105.5	25177.5
11	26106	25178
12	26106.5	25178.5
13	26107	25179
14	26107.5	25179.5
15	26108	25180
16	26108.5	25180.5
17	26109	25181
18	26109.5	25181.5
19	26110	25182
20	26110.5	25182.5
21	26111	25183
22	26111.5	25183.5
23	26112	25184
24	26112.5	25184.5
25	26113	25185
26	26113.5	25185.5
27	26114	25186
28	26114.5	25186.5
29	26115	25187
30	26115.5	25187.5
31	26116	25188
32	26116.5	25188.5
33	26117	25189
34	26117.5	25189.5
35	26118	25190
36	26118.5	25190.5
37	26119	25191
38	26119.5	25191.5
39	26120	25192
40	26120.5	25192.5

Emission: F1B with bandwidth ≤ 300 Hz (total frequency shift of 170 Hz) NBDP and data transmission at speeds not exceeding 100 bauds for FSK and 200 bauds for PSK.

Maximum Mean Power:

FC -	4 MHz	5 kW
	6 MHz	5 kW
	8 MHz	10 kW
	10 MHz	15 kW
	12 MHz	15 kW
	16 MHz	15 kW
	18 MHz	15 kW
	22 MHz	15 kW
	25 MHz	15 kW

MS - ≤ 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Class of Station: FC, MS

In all bands:

Coast and ship frequencies must be paired on the same channels.

In the 4 and 6 MHz bands:

Channel 11 is used for distress and safety traffic. (See ITU RR Appendix 15.)

In the 4 MHz band:

Channels 16 and 17 are planned for exclusive non-Federal use.

With the exception of channel 11, ship stations may also transmit A1A and A1B Morse telegraphy (working).

In the 6 MHz band:

Channels 25 through 29 are planned for exclusive non-Federal use.

Ship stations may also transmit A1A and A1B Morse telegraphy (working) on channels 30 through 34.

In the 8 MHz band:

Channel 1 is used for distress and safety traffic. (See ITU RR Appendix 15.)

Channels 29 through 34 are planned for exclusive non-Federal use.

Ship stations may also transmit A1A and A1B Morse telegraphy (working) on channels 35 through 40.

In the 12 MHz band:

Channels 58 through 107 are planned for exclusive non-Federal use.

Channel 87 is used for distress and safety traffic. (See ITU RR Appendix 15.)

Ship stations may also transmit A1A and A1B Morse telegraphy (working) on channels 108 through 156.

In the 16 MHz band:

Channel 24 is used for distress and safety traffic. (See ITU RR Appendix 15.)

Channels 71 through 132 are planned for exclusive non-Federal use.

Ship stations may also transmit A1A and A1B Morse telegraphy (working) on channels 133 and through 193.

In the 18-19 MHz bands:

Channels 1 through 22 are planned for exclusive non-Federal use.

In the 22 MHz band:

Channels 68 through 101 are planned for exclusive non-Federal use. Ship stations may also transmit A1A and A1B Morse telegraphy (working) on channels 102 through 135.

In the 25-26 MHz bands:

Channels 1 through 20 are planned for exclusive non-Federal use.

TABLE 6: Ship (Non-paired) Narrowband Direct-Printing Telegraph and Data Transmission Systems

(ITU RR Appendix 17, Part B, Section III)

Assignable Frequencies:

Channel	4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	18 MHz	22 MHz	25 MHz
1	4202.5	6300.5	8396.5	12560	16785	18893	22352	25193
2	4203	6301	8397	12560.5	16785.5	18893.5	22352.5	25193.5
3	4203.5	6301.5	8397.5	12561	16786	18894	22353	25194
4	4204	6302	8398	12561.5	16786.5	18894.5	22353.5	25194.5
5	4204.5	6302.5	8398.5	12562	16787	18895	22354	25195
6	4205	6303	8399	12562.5	16787.5	18895.5	22354.5	25195.5
7	4205.5	6303.5	8399.5	12563	16788	18896	22355	25196
8	4206	6304	8400	12563.5	16788.5	18896.5	22355.5	25196.5
9	4206.5	6304.5	8400.5	12564	16789	18897	22356	25197
10	4207	6305	8401	12564.5	16789.5	18897.5	22356.5	25197.5
11		6305.5	8401.5	12565	16790	18898	22357	25198
12		6306	8402	12565.5	16790.5		22357.5	25198.5
13		6306.5	8402.5	12566	16791		22358	25199
14		6307	8403	12566.5	16791.5		22358.5	25199.5
15		6307.5	8403.5	12567	16792		22359	25200
16		6308	8404	12567.5	16792.5		22359.5	25200.5
17		6308.5	8404.5	12568	16793		22360	25201
18		6309	8405	12568.5	16793.5		22360.5	25201.5
19		6309.5	8405.5	12569	16794		22361	25202

TABLE 6: Ship (Non-paired) Narrowband Direct-Printing Telegraph and Data Transmission Systems

(ITU RR Appendix 17, Part B, Section III)

Assignable Frequencies:

Channel	4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	18 MHz	22 MHz	25 MHz
20		6310	8406	12569.5	16794.5		22361.5	25202.5
21		6310.5	8406.5	12570	16795		22362	25203
22		6311	8407	12570.5	16795.5		22362.5	25203.5
23		6311.5	8407.5	12571	16796		22363	25204
24			8408	12571.5	16796.5		22363.5	25204.5
25			8408.5	12572	16797		22364	25205
26			8409	12572.5	16797.5		22364.5	25205.5
27			8409.5	12573	16798		22365	25206
28			8410	12573.5	16798.6		22365.5	25206.5
29			8410.5	12574	16799		22366	25207
30			8411	12574.5	16799.5		22366.5	25207.5
31			8411.5	12575	16800		22367	25208
32			8412	12575.5	16800.5		22367.5	
33			8412.5	12576	16801		22368	
34			8413	12576.5	16801.5		22368.5	
35			8413.5		16802		22369	
36			8414		16802.5		22369.5	
37					16803		22370	
38					16803.5		22370.5	
39					16804		22371	
40							22371.5	
41							22372	
42							22372.5	
43							22373	
44							22373.5	
45							22374	

Use: These frequencies are also assignable to ship stations for A1A and A1B Morse telegraphy (working).

Emission: F1B with $BW \leq 300$ Hz (total frequency shift of 170 Hz or less) NBDP and data transmission systems shall not exceed 100 bauds for FSK and 200 bauds for PSK.

Power: ≤ 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Class of Station: MS

**TABLE 7: Ship Calling A1 Morse Telegraphy
(ITU RR Appendix 17, Part B, Section IV)**

Assignable Frequencies:

4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz	25 MHz
4181.8	6275.8	8365.8	12549.8	16733.8	22279.3	25171.3
4181.9	6275.9	8365.9	12549.9	16733.9	22279.4	25171.4
4182.0	6276.0	8366.0	12550.0	16734.0	22279.5	25171.5
4182.1	6276.1	8366.1	12550.1	16734.1	22279.6	25171.6
4182.2	6276.2	8366.2	12550.2	16734.2	22279.7	25171.7
4182.3	6276.3	8366.3	12550.3	16734.3	22279.8	25171.8
4182.4	6276.4	8366.4	12550.4	16734.4	22279.9	25171.9
4182.5	6276.5	8366.5	12550.5	16734.5	22280.0	25172.0
4182.6	6276.6	8366.6	12550.6	16734.6	22280.1	25172.1
4182.7	6276.7	8366.7	12550.7	16734.7	22280.2	25172.2
4182.8	6276.8	8366.8	12550.8	16734.8	22280.3	25172.3
4182.9	6276.9	8366.9	12550.9	16734.9	22280.4	25172.4
4183.0	6277.0	8367.0	12551.0	16735.0	22280.5	25172.5
4183.1	6277.1	8367.1	12551.1	16735.1	22280.6	25172.6
4183.2	6277.2	8367.2	12551.2	16735.2	22280.7	25172.7
4183.3	6277.3	8367.3	12551.3	16735.3	22280.8	
4183.4	6277.4	8367.4	12551.4	16735.4	22280.9	
4183.5	6277.5	8367.5	12551.5	16735.5	22281.0	
4183.6	6277.6	8367.6	12551.6	16735.6	22281.1	
4183.7	6277.7	8367.7	12551.7	16735.7	22281.2	
4183.8	6277.8	8367.8	12551.8	16735.8	22281.3	
4183.9	6277.9	8367.9	12551.9	16735.9	22281.4	
4184.0	6278.0	8368.0	12552.0	16736.0	22281.5	
4184.1	6278.1	8368.1	12552.1	16736.1	22281.6	
4184.2	6278.2	8368.2	12552.2	16736.2	22281.7	
4184.3	6278.3	8368.3	12552.3	16736.3	22281.8	
4184.4	6278.4	8368.4	12552.4	16736.4	22281.9	
4184.5	6278.5	8368.5	12552.5	16736.5	22282.0	
4184.6	6278.6	8368.6	12552.6	16736.6	22282.1	
4184.7	6278.7	8368.7	12552.7	16736.7	22282.2	
4184.8	6278.8	8368.8	12552.8	16736.8	22282.3	
4184.9	6278.9	8368.9	12552.9	16736.9	22282.4	
4185.0	6279.0	8369.0	12553.0	16737.0	22282.5	
4185.1	6279.1	8369.1	12553.1	16737.1	22282.6	
4185.2	6279.2	8369.2	12553.2	16737.2	22282.7	
4185.3	6279.3	8369.3	12553.3	16737.3	22282.8	
4185.4	6279.4	8369.4	12553.4	16737.4	22282.9	
4185.5	6279.5	8369.5	12553.5	16737.5	22283.0	
4185.6	6279.6	8369.6	12553.6	16737.6	22283.1	
4185.7	6279.7	8369.7	12553.7	16737.7	22283.2	
4185.8	6279.8	8369.8	12553.8	16737.8	22283.3	
4185.9	6279.9	8369.9	12553.9	16737.9	22283.4	
4186.0	6280.0	8370.0	12554.0	16738.0	22283.5	
4186.1	6280.1	8370.1	12554.1	16738.1	22283.6	
4186.2	6280.2	8370.2	12554.2	16738.2	22283.7	

**TABLE 7: Ship Calling A1 Morse Telegraphy
(ITU RR Appendix 17, Part B, Section IV)**

Assignable Frequencies:						
4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz	25 MHz
4186.3	6280.3	8370.3	12554.3	16738.3	22283.8	
4186.4	6280.4	8370.4	12554.4	16738.4	22283.9	
4186.5	6280.5	8370.5	12554.5	16738.5	22284.0	
4186.6	6280.6	8370.6	12554.6	16738.6	22284.1	
4186.7	6280.7	8370.7	12554.7	16738.7	22284.2	

Frequencies ending in .0 or .5 are the center frequency of each channel listed in ITU RR Appendix 17 and should be assigned only to ship stations solely equipped with crystal controlled transmitters using harmonically related oscillators. Only the common channels in the 4, 6, 8, 12, and 16 MHz band are harmonically related. As far as possible, assignments on the two frequencies at +/- 100 Hz from the harmonically related common channel should be avoided.

Power: ≤ 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Emission: 100HA1A

Class of Station: MS

Usage: See ITU RR Resolution 312

TABLE 8: Digital Selective Calling

Assignable Frequencies:							
Coast Station Frequencies							
4219.5	6331.0	8436.6	12657.0	16903.0	19703.5	22444.0	26121.0
4220.0	6331.5	8437.0	12657.5	16903.5	19704.0	22444.5	26121.5
4220.5	6332.0	8437.5	12658.0	16904.0	19704.5	22445.0	26122.0
Ship Station Frequencies							
4207.5*	6312.0*	8414.5*	12577.0*	16804.5*	18898.5	22374.5	25208.5
4208.0	6312.5	8415.0	12577.5	16805.0	18999.0	22375.0	25209.0
4208.5	6313.0	8415.5	12578.0	16805.5	18999.5	22375.5	25209.5
4209.0	6313.5	8416.0	12578.5	16806.0			

* Used exclusively for distress and safety selective calling. For the use of these frequencies by ship and coast stations for distress and safety purposes, see ITU RR Article 31 and Appendix 15.

Emission (Ship and Coast Stations): F1B

Ship Station:

Class of Station: MS

Power: 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Coast Station:**Class of Station:** FC**Maximum Mean Power:**

4 MHz	5 kW	16 MHz	15 kW
6 MHz	5 kW	18 MHz	15 kW
8 MHz	10 kW	22 MHz	15 kW
12 MHz	15 kW	25 MHz	15 kW

TABLE 9: Ship Working A1A, Morse Telegraphy**(ITU RR Appendix 17, Part B, Section V)****Assignable Frequencies:**

Channel	4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz	25 MHz
1	4187	6285	8342	12422	16619	22242	25161.5
2	4187.5	6285.5	8342.5	12422.5	16619.5	22242.5	25162
3	4188	6286	8343	12423	16620	22243	25162.5
4	4188.5	6286.5	8343.5	12423.5	16620.5	22243.5	25163
5	4189	6287	8344	12424	16621	22244	25163.5
6	4189.5	6287.5	8344.5	12424.5	16621.5	22244.5	25164
7	4190	6288	8345	12425	16622	22245	25164.5
8	4190.5	6288.5	8345.5	12425.5	16622.5	22245.5	25165
9	4191	6289	8346	12426	16623	22246	25165.5
10	4191.5	6289.5	8346.5	12426.5	16623.5	22246.5	25166
11	4192	6290	8347	12427	16624	22247	25166.5
12	4192.5	6290.5	8347.5	12427.5	16624.5	22247.5	25167
13	4193	6291	8348	12428	16625	22248	25167.5
14	4193.5	6291.5	8348.5	12428.5	16625.5	22248.5	25168
15	4194	6292	8349	12429	16626	22249	25168.5
16	4194.5	6292.5	8349.5	12429.5	16626.5	22249.5	25169
17	4195	6293	8350	12430	16627	22250	25169.5
18	4195.5	6293.5	8350.5	12430.5	16627.5	22250.5	25170
19	4196	6294	8351	12431	16628	22251	25170.5
20	4196.5	6294.5	8351.5	12431.5	16628.5	22251.5	25171
21	4197	6295	8352	12432	16629	22252	
22	4197.5	6295.5	8352.5	12432.5	16629.5	22252.5	
23	4198	6296	8353	12433	16630	22253	
24	4198.5	6296.5	8353.5	12433.5	16630.5	22253.5	
25	4199	6297	8354	12434	16631	22254	
26	4199.5	6297.5	8354.5	12434.5	16631.5	22254.5	
27	4200	6298	8355	12435	16632	22255	
28	4200.5	6298.5	8355.5	12435.5	16632.5	22255.5	
29	4201	6299	8356	12436	16633	22256	
30	4201.5	6299.5	8356.5	12436.5	16633.5	22256.5	
31	4202	6300	8357	12437	16634	22257	
32			8357.5	12437.5	16634.5	22257.5	
33			8358	12438	16635	22258	
34			8358.5	12438.5	16635.5	22258.5	
35			8359	12439	16636	22259	
36			8359.5	12439.5	16636.5	22259.5	
37			8360	12440	16637	22260	
38			8360.5	12440.5	16637.5	22260.5	
39			8361	12441	16638	22261	

**TABLE 9: Ship Working A1A, Morse Telegraphy
(ITU RR Appendix 17, Part B, Section V)**

Assignable Frequencies:

Channel	4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz	25 MHz
40			8361.5	12441.5	16638.5	22261.5	
41			8362	12442	16639	22262	
42			8362.5	12442.5	16639.5	22262.5	
43			8363	12443	16640	22263	
44			8363.5	12443.5	16640.5	22263.5	
45			8364	12444	16641	22264	
46			8364.5	12444.5	16641.5	22264.5	
47			8365	12445	16642	22265	
48			8365.5	12445.5	16642.5	22265.5	
49			8371	12446	16643	22266	
50			8371.5	12446.5	16643.5	22266.5	
51			8372	12447	16644	22267	
52			8372.5	12447.5	16644.5	22267.5	
53			8373	12448	16645	22268	
54			8373.5	12448.5	16645.5	22268.5	
55			8374	12449	16646	22269	
56			8374.5	12449.5	16646.5	22269.5	
57			8375	12450	16647	22270	
58			8375.5	12450.5	16647.5	22270.5	
59			8376	12451	16648	22271	
60				12451.5	16648.5	22271.5	
61				12452	16649	22272	
62				12452.5	16649.5	22272.5	
63				12453	16650	22273	
64				12453.5	16650.5	22273.5	
65				12454	16651	22274	
66				12454.5	16651.5	22274.5	
67				12455	16652	22275	
68				12455.5	16652.5	22275.5	
69				12456	16653	22276	
70				12456.5	16653.5	22276.5	
71				12457	16654	22277	
72				12457.5	16654.5	22277.5	
73				12458	16655	22278	
74				12458.5	16655.5	22278.5	
75				12459	16656	22279	
76				12459.5	16656.5		
77				12460	16657		
78				12460.5	16657.5		
79				12461	16658		
80				12461.5	16658.5		
81				12462	16659		
82				12462.5	16659.5		
83				12463	16660		
84				12463.5	16660.5		
85				12464	16661		
86				12464.5	16661.5		
87				12465	16662		
88				12465.5	16662.5		
89				12466	16663		

TABLE 9: Ship Working A1A, Morse Telegraphy
(ITU RR Appendix 17, Part B, Section V)

Assignable Frequencies:

Channel	4 MHz	6 MHz	8 MHz	12 MHz	16 MHz	22 MHz	25 MHz
90				12466.5	16663.5		
91				12467	16664		
92				12467.5	16664.5		
93				12468	16665		
94				12468.5	16665.5		
95				12469	16666		
96				12469.5	16666.5		
97				12470	16667		
98				12470.5	16667.5		
99				12471	16668		
100				12471.5	16668.5		
101				12472	16669		
102				12472.5	16669.5		
103				12473	16670		
104				12473.5	16670.5		
105				12474	16671		
106				12474.5	16671.5		
107				12475	16672		
108				12475.5	16672.5		
109				12476	16673		
110					16673.5		
111					16674		
112					16674.5		
113					16675		
114					16675.5		
115					16676		
116					16676.5		
117					16677		
118					16677.5		
119					16678		
120					16678.5		
121					16679		
122					16679.5		
123					16680		
124					16680.5		
125					16681		
126					16681.5		
127					16682		
128					16682.5		
129					16683		

Power: ≤ 1.5 kW (As set forth in Section 8.2.29, this power reflects current practice and is not intended to serve as a power limit.)

Class of Service: MS

Other Assignable Frequencies:

Additionally frequencies interleaved between the assignable frequencies, above, may be assigned in multiples of 100 Hz. Such assignments shall be uniformly distributed.

See Notes to Tables 5 and 6 for information on which NBDP channels may be used for Morse telegraphy.

TABLE 10: Coast Wideband Telegraphy, Facsimile and Special Transmission Systems**Frequency Bands:**

4221 - 4351	16904.5 - 17242
6332.5 - 6501	22445.5 - 22696
8438 - 8707	26122.5 - 26145
12658.5 - 13077	

Frequency Plan: None**Emission:** Any telegraphy.**Power:**

Band	A1A(pX)	F1B(pY)	Multichannel	Other
4 MHz	10	5	2.5kW (mean) per 500 Hz Bandwidth	5
6 MHz	10	5		5
8 MHz	20	10		10
12 MHz	30	15		15
16 MHz	30	15		15
18 MHz	30	15		15
22 MHz	30	15		15
25 MHz	30	15		15

Class of Station: FC

Other: MS stations are authorized to communicate with Coast stations on channels in these bands in accordance with the provisions of ITU RR 4.18.

TABLE 11: Maritime Safety Information (MSI)

MSI Coast Station Assignable Frequencies (all kHz):

4210.0	16806.5
6314.0	19680.5
8416.5	22376.5
12579.0	26100.5

Frequency Plan: None

Emission:

NBDP and data transmission at speeds not exceeding 100 bauds for FSK and 200 bauds for PSK.

F1B with $BW \leq 300$ Hz (total frequency shift of 170 Hz)

Maximum Mean Power:

FC	4 MHz	5 kW
	6 MHz	5 kW
	8 MHz	10 kW
	12 MHz	15 kW
	16 MHz	15 kW
	18 MHz	15 kW
	22 MHz	15 kW
	25 MHz	15 kW

MS - Receive only.

Class of Station: FC

Other: These are the exclusive international frequencies for the transmission of MSI (see ITU RR 33.48).

(Last Page in Annex H)