

Spectrum Management

Radiocommunication Information Circular

Information Concerning Ship/Shore and Intership Single-Sideband (SSB) Communications in the Maritime Mobile Radiotelephone Bands Between 1 705 and 27 500 kHz

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Comments and suggestions may be directed to the following address:

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Attention: DOSP

Canada and the United States co-ordinated the preparation of a frequency-sharing plan for private ship/shore and intership SSB radio stations operating in the 2 MHz band. The plan sets aside six frequencies for private ship/shore and intership SSB communications and two frequencies for exclusive United States and Canadian government use.

Table A

2 MHz Frequency Plan

Carrier Frequency (kHz)	Assigned Frequency (kHz)	Class of Emission	Max. Power PEP Output	Canadian Use	United States Use
2 065.0	2 066.4	2K80 H3AAN 2K80 J3EJN	150 W "	Private ship/shore communications in coastal areas of Canada and the St. Lawrence River as far west as Montreal.	Nil
2 079.0	2 080.4	2K80 H3AAN 2K80 J3EJN	150 W "	Private ship/shore communications in the Great Lakes and the St. Lawrence River as far east as Montreal.	Nil
2 082.5	2 083.9	2K80 H3AAN 2K80 J3EJN	150 W "	Intership communications in all maritime areas of Canada including the Great Lakes.	i) Primary Service- Intership safety communications in the maritime mobile service in areas other than the Great Lakes. ii) Secondary Service - Commercial (operational) communications on a non-interference basis to intership safety communications. iii) Other Service - Communications between ship stations and coast stations.

Carrier Frequency (kHz)	Assigned Frequency (kHz)	Class of Emission	Max. Power PEP Output	Canadian Use	United States Use
2 086.0	2 087.4	2K80 H3AAN 2K80 J3EJN	150 W "	Nil	<i>i)</i> Primary Service - Communications between ship stations and coast stations in the maritime mobile service on the Mississippi River and inland waters. <i>ii)</i> Secondary Service - On a non-interference basis to above use, frequency may also be used on the U.S. East, West and Gulf Coasts and in the Alaska area. <i>iii)</i> Not available on the Great Lakes.
2 093.0	2 094.4	2K80 H3AAN 2K80 J3EJN	150 W "	Private ship/shore communications in coastal areas of Canada and the St. Lawrence River as far west as Montreal.	Intership communications in the maritime mobile service by commercial vessels engaged in commercial fishing in all areas except the Great Lakes.
2 096.5	2 097.9	2K80 H3AAN 2K80 J3EJN	150 W "	Nil	Private maritime mobile service communications between ship and coast stations in all areas except the Great Lakes.
2 100.0	2 101.4	2K80 H3AAN 2K80 J3EJN	1 kW "	Government	Government
2 103.5	2 104.9	2K80 H3AAN 2K80 J3EJN	1 kW "	Government	Government

A World Administrative Radio Conference of the International Telecommunication Union held in Geneva from September 14 to October 17, 1987 rearranged the channelling of the frequency bands between 4 000 and 27 500 kHz. The date for the changeover to the revised channelling plan is July 1, 1991.

Table B reflects the changes to the simplex single-sideband radiotelephony frequency bands allocated exclusively to the maritime mobile service.

This table sets out the frequencies that are provided for worldwide common use by ships of all categories, according to traffic requirements, for ship/shore and intership communications. The only emission permitted is J3EJN with a maximum peak envelope power of 1.5 kW.

These frequencies are also authorized for worldwide common use by coast stations (simplex) operation provided the peak envelope power does not exceed 1 kW.

Table B

Carrier Frequency (kHz)		Assigned Frequency (kHz)	
4 125.0*	(Calling Frequency)	4 126.4*	1) 2)
4 146.0		4 147.4	
4 149.0		4 150.4	
4 417.0*		4 418.4	2)
6 215.0*	(Calling Frequency)	6 216.4*	1) 2)
6 224.0		6 225.4	
6 227.0		6 228.4	
6 230.0		6 231.4	
6 516.0**		6 517.4**	2)
8 255.0*	(Calling Frequency)	8 256.4*	
8 291.0		8 292.4	1)
8 294.0		8 295.4	
8 297.0		8 298.4	
12 290.0*	(Calling Frequency)	12 291.4*	1)
12 353.0		12 354.4	
12 356.0		12 357.4	
12 359.0		12 360.4	
12 362.0		12 363.4	
12 365.0		12 366.4	
16 420.0*	(Calling Frequency)	16 421.4*	1)
16 528.0		16 529.4	
16 531.0		16 532.4	

(cont. ...)

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Carrier Frequency (kHz)		Assigned Frequency (kHz)
16 534.0		16 535.4
16 537.0		16 538.4
16 540.0		16 541.4
16 543.0		16 544.4
16 546.0		16 547.4
18 795.0*	(Calling Frequency)	18 796.4*
18 825.0		18 826.4
18 828.0		18 829.4
18 831.0		18 832.4
18 834.0		18 835.4
18 837.0		18 838.4
18 840.0		18 841.4
18 843.0		18 844.4
22 060.0*	(Calling Frequency)	22 061.4*
22 159.0		22 160.4
22 162.0		22 163.4
22 165.0		22 166.4
22 168.0		22 169.4
22 171.0		22 172.4
22 174.0		22 175.4
22 177.0		22 178.4
25 097.0*	(Calling Frequency)	25 098.4*
25 100.0		25 101.4
25 103.0		25 104.4
25 106.0		25 107.4
25 109.0		25 110.4
25 112.0		25 113.4
25 115.0		25 116.4
25 118.0		25 119.4

- 1) These frequencies are designated for distress and safety traffic, for common use by coast and ship stations.
- 2) These frequencies are also designated for call and reply purposes, for common use by coast and ship stations provided that the peak envelope power of such stations does not exceed 1 kW.

* For ship/shore communications only.

** For daytime use only.