



TRC - 14
ISSUE 2

TELECOMMUNICATIONS REGULATION CIRCULAR

INFORMATION CONCERNING
PRIVATE SHIP-SHORE AND
INTERSHIP SINGLE SIDEBAND
(SSB) COMMUNICATIONS IN
THE MARITIME MOBILE
RADIOTELEPHONE BANDS
BETWEEN 1605 AND 23000 kHz

Telecommunications Regulation Circulars are issued from time to time to provide information to those engaged in telecommunications in Canada. The content of these circulars is subject to change at any time in keeping with new developments.

EFFECTIVE DATE: AUGUST 1, 1980

TELECOMMUNICATION REGULATORY SERVICE

CRT - 14
2^e ÉDITION

CIRCULAIRE DE LA RÉGLEMENTATION DES TÉLÉCOMMUNICATIONS

RENSEIGNEMENTS CONCERNANT
LES COMMUNICATIONS PRIVÉES
À BANDE LATÉRALE UNIQUE
(BLU) NAVIRE-CÔTIÈRE ET
ENTRE NAVIRES DANS LES BANDES
DU SERVICE RADIOTÉLÉPHONIQUE
MOBILE MARITIME COMPRISES
ENTRE 1605 ET 23000 kHz

Les circulaires de la Direction de la réglementation des télécommunications sont publiées en vue de servir de guide à ceux qui s'occupent des télécommunications au Canada. Les renseignements contenus dans ces circulaires peuvent être modifiés en tout temps.

MISE EN VIGUEUR: 1^{er} AOÛT, 1980

SERVICE DE LA RÉGLEMENTATION
DES TÉLÉCOMMUNICATIONS

TELECOMMUNICATIONS
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CIRCULAR

CIRCULAIRE DE LA RÉGLEMENTATION
DES
TÉLÉCOMMUNICATIONS

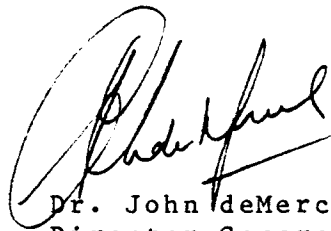
Telecommunications Regulation Circulars are intended for the guidance of those who are actively engaged in telecommunications in Canada.

This circular provides information relating to private ship/shore and inter-ship single sideband (SSB) communications in the maritime mobile radiotelephone bands between 1 605 and 23 000 kHz.

Les circulaires de la Direction de la réglementation des télécommunications servent de guide à ceux qui s'occupent activement des télécommunications au Canada.

Cette circulaire fournit des renseignements concernant les communications privées à bande latérale unique entre navires et stations côtières et entre navires dans les bandes du service radiotéléphonique mobile maritime comprises entre 1 605 et 23 000 kHz.

Le Directeur général
Service de la réglementation
des télécommunications



Dr. John deMercado
Director General
Telecommunication
Regulatory Service.

Private Ship/Shore and Intership Single
Sideband (SSB) Communications in the Maritime
Mobile Radiotelephone Bands Between 1 605 and 23 000 kHz

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 freq. kHz	Assigned freq. kHz	Class of emission	Max Power PEP output	Canadian use	United States use
2065.0	2066.4	2.8A3A 2.8A3J	150 W "	Private Ship/Shore communication in coastal areas of Canada and the St. Lawrence River as far West as Montreal	Nil
2079.0	2080.4	2.8A3A 2.8A3J	150 W "	Private Ship/Shore communications in the Great Lakes, St. Lawrence Seaway and St. Lawrence River as far east as Montreal.	Nil
2082.5	2083.9	2.8A3A 2.8A3J	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.

TABLE A

2 MHz Frequency Plan

<u>Carrier freq. kHz</u>	<u>Assigned freq. kHz</u>	<u>Class of emission</u>	<u>Max Power PEP output</u>	<u>Canadian use</u>	<u>United States use</u>
2086.0	2087.4	2.8A3A 2.8A3J	150 W "	Nil	(i) Primary Service - Communications between ship stations and coast stations in Maritime Mobile Service on the Mississippi River and inland waters. (ii) 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. (iii) Not available the Great Lakes.
2093.0	2094.4	2.8A3A 2.8A3J	150 W "	Private ship/shore communications in coastal areas of Canada, including 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.
2096.5	2097.9	2.8A3A 2.8A3J	150 W "	Nil	Private Maritime Mobile Service communication between ship and coast stations in all areas except the Great Lakes.
2100.0	2101.4	2.8A3A 2.8A3J	1 kW "	Government	Government
2103.5	2104.9	2.8A3A 2.8A3J	1 kW "	Government	Government

Table B sets out the frequencies that are provided for world-wide common use for shore to ship, ship to shore and ship to ship communications. The only emissions permitted are A3A and A3J with a maximum peak envelope power of 1 kW.

TABLE B

<u>Carrier</u> <u>Freq. kHz</u>	<u>Assigned</u> <u>Freq. kHz</u>
* 4125.0	4126.4
4143.6	4145.0
4419.4	4420.8
6218.6	6220.0
6221.6	6223.0
** 6521.9	6523.3
8291.1	8292.5
8294.2	8295.6
12429.2	12430.6
12432.3	12433.7
12435.4	12436.8
16587.1	16588.5
16590.2	16591.6
16593.3	16594.7
22124.0	22125.4
22127.1	22128.5
22130.2	22131.6
22133.3	22134.7
22136.4	22137.8

* For ship to shore and shore to ship communications only.

** Daytime use only.