

Radiocommunications Regulations (General User Radio Licence for Maritime Purposes) Notice 2005

Pursuant to Regulation 9 of the Radiocommunications Regulations 2001 (“the Regulations”) made under section 116 (1) (b) of the Radiocommunications Act 1989 (“the Act”), and acting under delegated authority from the chief executive, I give the following notice.

Notice

1. Short title and commencement—(1) This notice is the Radiocommunications Regulations (General User Radio Licence for Maritime Purposes) Notice 2005.

(2) This notice comes into force on 1 July 2005.

2. General user radio licence—(1) A general user radio licence is granted for the transmission of radio waves for the purpose of maritime radiocommunications, in accordance with the terms, conditions, and restrictions of this notice.

3. Terms, conditions, and restrictions—(1) A person may, in accordance with the provisions of the Schedules to this notice, operate maritime service radio transmitters, including land and aeronautical mobile and portable transmitters (but not including fixed, ‘coast station’, or repeater transmitters), for the purposes of:

- (i) the safe and expeditious conduct of maritime transportation;
- (ii) an emergency; or
- (iii) a matter that relates to the particular occupation, industry or activity in which a marine craft is engaged; or
- (iv) providing telecommunications services to passengers of marine craft.

(2) In accordance with the provisions of Articles 19 and 47 of the International Radio Regulations, a person operating a maritime service transmitter must:

- (i) except as provided in Note 1, use the maritime identification allocated by the chief executive; and
- (ii) be the holder of an applicable certificate of competency issued in accordance with the Regulations.

(3) In accordance with the provisions of the First Schedule to the Act, a person operating transmitters pursuant to this licence must also comply with all relevant provisions of the Maritime Transport Act 1994, and Regulations and Rules made under that Act.

(4) Transmitters must conform to technical standards as prescribed in notices made under Regulation 32 (1) (b) of the Regulations.

(5) Frequency use is on a shared basis and the chief executive does not accept liability under any circumstances for any loss or damage of any kind occasioned by the unavailability of frequencies or interference to reception.

(6) Should interference occur to services licensed pursuant to a radio licence or a spectrum licence, the chief executive reserves the right to require and ensure that any transmission pursuant to this General User Radio Licence changes frequency, reduces power or ceases operation.

(7) A person, authorised by the chief executive, shall be granted at all reasonable times entry to any premises, building, aircraft, ship, carriage, vehicle, box, or receptacle for the purposes of ensuring compliance with this licence.

(8) Words and expressions that are defined in:

- (i) the Radiocommunications Act 1989, and Regulations and notices made under that Act;

- (ii) the International Radio Regulations annexed to the International Telecommunications Convention; and
- (iii) the International Convention for the Safety of Life at Sea (SOLAS),

have the meanings so defined.

(9) Frequencies designated for International Distress, Safety and Calling may also be used by aircraft for search and rescue communications.

4. Consequential revocation of licences—(1) The Radiocommunications Regulations (General User Radio Licence for Maritime Mobile) Notice 2003 dated 26 May 2003 is revoked.

(2) Notwithstanding the revocation of a notice under subsection (1), every transmitter compliant with the requirements of that notice on the commencement date of this notice is deemed to be compliant with the requirements of this notice.

Note 1: Maritime identifications in the alpha-numeric series ZMQ, ZMW or ZMY for transmitters operating only on frequencies specified in the Second Schedule to this notice are allocated by the Royal New Zealand Coastguard Federation Incorporated.

First Schedule

Frequency (kHz)	Designated Use
2012	Harbour authorities
2045	Supplementary calling
2068	Inter-ship
2089	Aquatic sporting events
2129	Aquatic sporting events
2162	Harbour authorities
2182	INTERNATIONAL DISTRESS, SAFETY AND CALLING
2207	Communication with MSA coast stations
2444	Communication with private coast stations
2456	Inter-ship
2480	Communication with private coast stations
2638	Inter-ship
3023	Search and rescue
4125	INTERNATIONAL DISTRESS, SAFETY AND CALLING
4146	Communication with private coast stations, MSA coast stations and inter-ship
4417	Communication with private coast stations and inter-ship
5680	Search and rescue
6215	INTERNATIONAL DISTRESS, SAFETY AND CALLING
6224	Communication with private coast stations, MSA coast stations and inter-ship
6227	Communication with private coast stations and inter-ship
6516	Communication with private coast stations and inter-ship
8255	International calling
8291	INTERNATIONAL DISTRESS AND SAFETY
8297	Communication with MSA coast stations
8364	Search and rescue
12290	INTERNATIONAL DISTRESS, SAFETY

	AND CALLING
12356	Communication with MSA coast stations
16420	INTERNATIONAL DISTRESS, SAFETY AND CALLING
16531	Communication with MSA coast stations

Designations of Emissions:

6K00A3EJN – 2182 kHz only (DSB full carrier)

2K80H3EJN – 2182 kHz only (SSB full carrier)

2K80J3EJN – All frequencies (SSB suppressed carrier)

Second Schedule

The channels specified in Appendix S18 of the International Radio Regulations must be used in accordance with the following designated uses:

CHL	Ship Station Transmit (MHz)	Coast Station Transmit (MHz)	Designated Use	
	60	156.025	160.625	General maritime repeaters
1	156.050	160.650	General maritime repeaters	
	61	156.075	160.675	General maritime repeaters
2	156.100	160.700	Telecommunication networks access (STN interconnect)	
	62	156.125	160.725	General maritime repeaters
3	156.150	160.750	General maritime repeaters	
	63	156.175	160.775	General maritime repeaters
4	156.200	160.800	General maritime repeaters	
	64	156.225	160.825	General maritime repeaters
5	156.250	160.850	General maritime repeaters	
	65	156.275	160.875	General maritime repeaters
6	156.300		Inter-ship	
	66	156.325	160.925	General maritime repeaters
7	156.350	160.950	Telecommunication networks access (STN interconnect)	
	67	156.375	156.375	MSA coast stations and anti-pollution operations
8	156.400		Inter-ship	
	68	156.425	156.425	MSA coast stations
9	156.450	156.450	Port operations and ship Movement	
	69	156.475	156.475	Surf lifesaving clubs
10	156.500	156.500	Port operations and ship movement	
	70	156.525	156.525	DSC for distress, safety and calling
11	156.550	156.550	Port operations and ship movement	
	71	156.575	156.575	Coast stations
12	156.600	156.600	Port operations and ship movement	
	72	156.625		Reserved
13	156.650	156.650	Inter-ship navigation safety	
	73	156.675	156.675	Port operations and marinas
14	156.700	156.700	Port operations and ship movement	
	74	156.725	156.725	Coast stations

15	156.750	156.750	On-board and diving operations	
	75	156.775	Reserved	
16	156.800	156.800	INTERNATIONAL DISTRESS, SAFETY AND CALLING	
	76	156.825	Reserved	
17	156.850	156.850	On-board and temporary aquatic events	
	77	156.875	Temporary aquatic events	
18	156.900	161.500	Temporary aquatic events	
	78	156.925	161.525	Commercial maritime repeaters
19	156.950	161.550	Port operations and ship movement	
	79	156.975	161.575	Port operations and ship movement
20	157.000	161.600	Port operations and ship movement	
	80	157.025	161.625	Coastguard
21	157.050	161.650	Automatic weather information (AWI)	
	81	157.075	161.675	Coastguard
22	157.100	161.700	Automatic weather information (AWI)	
	82	157.125	161.725	Coastguard
23	157.150	161.750	Automatic weather information (AWI)	
	83	157.175	161.775	Coastguard
24	157.200	161.800	Commercial maritime repeaters	
	84	157.225	161.825	Coastguard
25	157.250	161.850	Telecommunication Networks Access (STN interconnect)	
	85	157.275	161.875	Coastguard
26	157.300	161.900	Telecommunication Networks Access (STN interconnect)	
	86	157.325	161.925	Coastguard
27	157.350	161.950	Commercial maritime repeaters	
	87	157.375		Inter-ship – Coastguard Search and Rescue
28	157.400	162.000	General maritime repeaters	
	88	157.425		Inter-ship – Coastguard Search and Rescue
AIS 1	161.975	161.975	Automatic ship identification	
AIS 2	162.025	162.025	Automatic ship identification	

Notes

(a) Channel 6 may also be used by aircraft for the purposes of search and rescue communications.

(b) Channels 9 and 73 may also be used by light aircraft and helicopters to communicate with ships or coast stations in predominantly maritime support operations.

(c) Channels 15 and 17 are restricted to 1 Watt e.r.p.

(d) STN means Switched Telephone Network.

Designations of Emissions:

16K0F3EJN – Radiotelephony

16K0F1DXN – Digital Selective Calling (DSC) and Automatic Identification System (AIS)

Maximum Power: 25 Watts mean power (pY)

Third Schedule

Maritime Radionavigation (Radar)

Frequency Limits:

2900 – 3100 MHz

5470 – 5850 MHz

9200 – 9500 MHz

Maximum Power: 10 kW peak power (pX)

Fourth Schedule

Radio Buoys

Radio buoys operating for the purposes of locating nets, long-lines, pots and other materials may use the following frequencies:

Carrier Frequencies:

1715 kHz	1981 kHz	1986 kHz
1735 kHz	1982 kHz	1987 kHz
1755 kHz	1983 kHz	1988 kHz
1775 kHz	1984 kHz	1989 kHz
	1985 kHz	

Designation of Emissions: 1K00A1A

Transmitter Tolerance: ± 100 Hz

Maximum Power: 10 Watts carrier power (pZ)

Fifth Schedule

Narrow Band Direct Printing (Radiotelex) for Distress, Urgency and Safety

Frequencies:

2174.5 kHz	6268 kHz	12520 kHz
4177.5 kHz	8376.5 kHz	16695 kHz

Designation of Emissions: 304HF1BCN

Sixth Schedule

Digital Selective Calling (DSC) for Distress, Urgency and Safety

Frequencies:

2187.5 kHz	6312 kHz	12577 kHz
4207.5 kHz	8414.5 kHz	16804.5 kHz

Designation of Emissions: 304HF1BCN

If a transmitter is fitted with Digital Selective Calling (DSC), a Maritime Mobile Service Identity (MMSI) must be obtained from the Ministry of Economic Development (Radio Spectrum Management), and be programmed into the transmitter.

Seventh Schedule

Mobile Satellite Service (MSS)

Frequency Band	Purpose
1610 – 1660.5 MHz	MSS (mobile satellite service) – marine craft transmit
14.0 – 14.25 GHz	ESV (earth station vessels) must not transmit within 1 nautical mile of New Zealand land. From 1 to 4 nautical miles, a minimum angle of elevation of 15 degrees applies. EIRP must not exceed 56dBW.

Dated at Wellington this Monday, the 20th day of June 2005.

SANJAI RAJ, Group Manager Radio Spectrum Management, Ministry of Economic Development.

Explanatory Note

(This note is not part of the notice, but is intended to indicate its general effect).

This notice prescribes that, pursuant to regulation-making powers of the Radiocommunications Act 1989, a general user radio licence is granted for the transmission on any frequency specified in the licence by means of radiocommunication transmitters for maritime purposes in accordance with the terms, conditions, and restrictions of this notice. This notice comes into force on 1 July 2005.

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