

# PRG-NEPTUNE

code **G1005**



## *Programmer Software Guide*

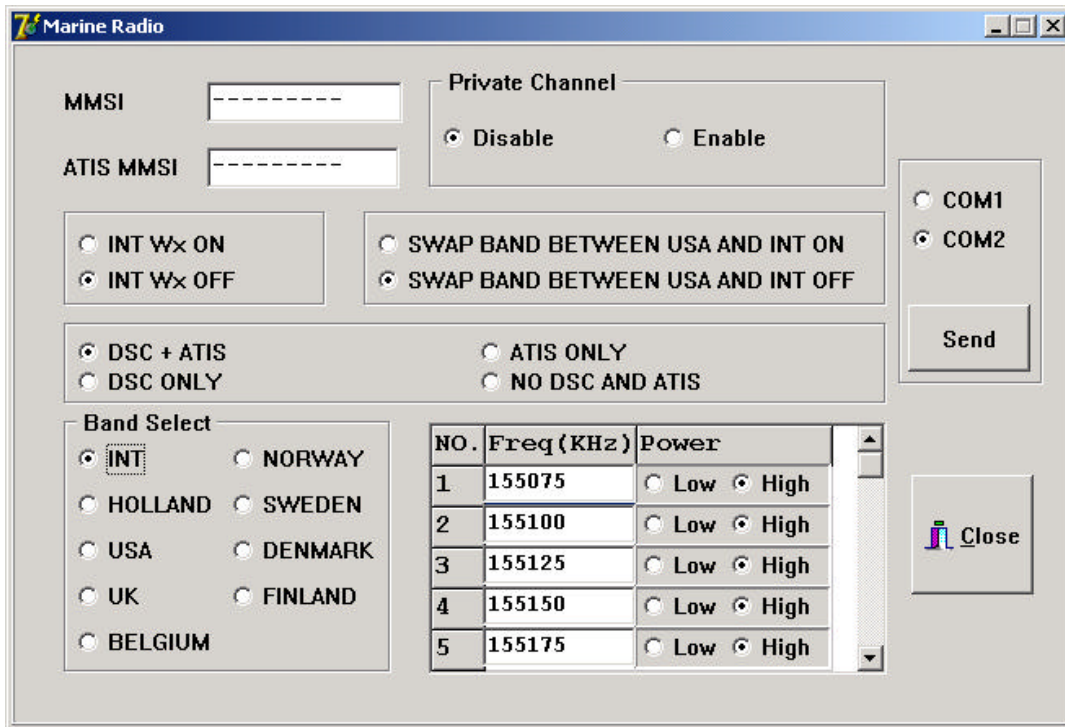
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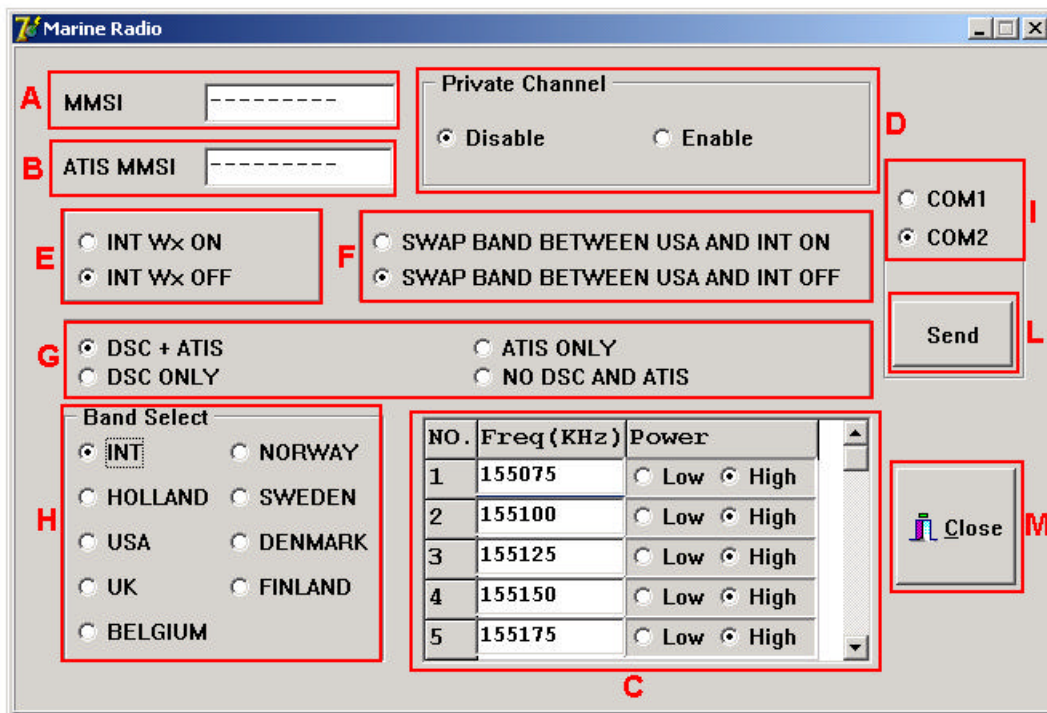
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The first step is to install the software included in this CD ROM.

After you have run the software, the display will show:



Your NEPTUNE can be customized up to your needs by means of the controls described hereafter.

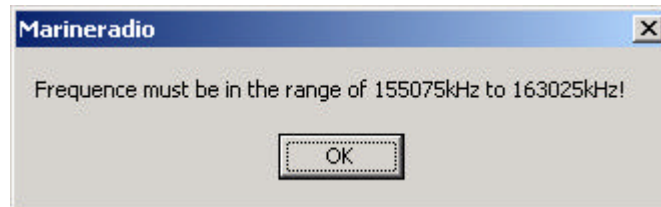


**A:** with this section you can cancel the code set on the unit (see user manual) or program the desired MMSI code. To set the default parameters, this field “-----“ must appear on the display.

**B:** this section is able to cancel the code you have set by the unit (see user manual) or to program the desired ATIS code. To set the default parameters, this field “-----“ must appear on the display.

**C:** in this field you can set up to 20 private channels and the high-low power selection. The frequency must be selected by dialing all the digits without any dots, because the unit of measurement is expressed in KHz.


The programming range is included between 155075KHz (155.075MHz) and 163025KHz (163.025MHz). If you select by mistake a frequency outside this band, the following message will be displayed:



**D:** this section lets you decide whether programming or not the private channels previously stored.

**E:** this section lets you decide whether including the 10 weather channels (enabled in reception mode only) in your INT channel list.

**F:** you can change the band from INT to USA channels. This procedure must be done with the keypad of the unit. USA channels, that are disabled at the factory, are activated in the following way:

Hold the  button down to turn on the radio. The display will show the indication USA or INT.

**G:** this field activates 4 different programming options you'll choose according to the directives of the country where you are using your NEPTUNE.

“DSC+ATIS”: this option permits both digital calls to be used, as described in the user manual of the radio (programming set at the factory).

“DSC ONLY”: ATIS feature is excluded and only the DSC digital call can be used.

“ATIS ONLY”: DSC function is excluded. Only the ATIS digital call is enabled, but it can be used in inland waters only.

“NO DSC AND ATIS”: both features are excluded and your NEPTUNE works as a conventional VHF marine radio only.

**H:** it enables **one of** the 9 bands pre-set at the factory. According to the selection, the indication (INT, UK, etc) will be displayed. Each band allows all ITU + 1 or more additional national channels. If necessary, simplex channels can be programmed as private channel(s).

**I:** in this section you select the serial port of your PC (only possible between COM 1 and COM 2).

**L:** push to start the programming procedure. **Important:** before pressing this control, NEPTUNE must be set in programming mode and the procedure is described hereafter:

Hold down buttons 5 and 6 while turning on the radio; “CONNECT PC MODE” will then appear in the display. Insert the supplied cable into the PS 2 socket of your NEPTUNE and into the serial port of the PC (COM1 / COM2). Now press “Send” to start the programming procedure and “OK” will be shown on the display for a couple of seconds.

**M:** by pressing this field, you exit the program.

Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
L1	155,500 MHz	155,500 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
L2	155,525 MHz	155,525 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
F1	155,625 MHz	155,625 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
F2	155,775 MHz	155,775 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
F3	155,825 MHz	155,825 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
01	156,050 MHz	160,650 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	SWEDEN/DENMARK Standard channel - low power only	1W
16	156,800 MHz	156,800 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	SWEDEN/DENMARK Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
60	156,025 MHz	160,625 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
64	156,225 MHz	160,825 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
65	156,275 MHz	160,875 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	SWEDEN/DENMARK Standard channel - No transmit - Reserved for DS	0W
71	156,575 MHz	156,575 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
75	GUARD	GUARD		SWEDEN/DENMARK Standard channel	
76	GUARD	GUARD		SWEDEN/DENMARK Standard channel	
77	156,875 MHz	156,875 MHz	Simplex	SWEDEN/DENMARK Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
87	157,375 MHz	161,975 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W
88	157,425 MHz	162,025 MHz	Duplex	SWEDEN/DENMARK Standard channel	25W & 1W

Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
L1	155,500 MHz	155,500 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
L2	155,525 MHz	155,525 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
L3	155,650 MHz	155,650 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
F1	155,625 MHz	155,625 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
F2	155,775 MHz	155,775 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
F3	155,825 MHz	155,825 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
01	156,050 MHz	160,650 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	NORWAY/FINLAND Standard channel - low power only	1W
16	156,800 MHz	156,800 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	NORWAY/FINLAND Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
60	156,025 MHz	160,625 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
64	156,225 MHz	160,825 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
65	156,275 MHz	160,875 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	NORWAY/FINLAND Standard channel - No transmit - Reserved for DSC	0W
71	156,575 MHz	156,575 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	NORWAY/FINLAND Standard channel - low power only	1W
76	156,825 MHz	156,825 MHz	Simplex	NORWAY/FINLAND Standard channel - low power only	1W
77	156,875 MHz	156,875 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W
86	157,375 MHz	157,375 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
87	157,425 MHz	157,425 MHz	Simplex	NORWAY/FINLAND Standard channel	25W & 1W
88	157,425 MHz	162,025 MHz	Duplex	NORWAY/FINLAND Standard channel	25W & 1W



Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
01	156,050 MHz	160,650 MHz	Duplex	HOLLAND Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	HOLLAND Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	HOLLAND Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	HOLLAND Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	HOLLAND Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	HOLLAND Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	HOLLAND Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	HOLLAND Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	HOLLAND Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	HOLLAND Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	HOLLAND Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	HOLLAND Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	HOLLAND Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	HOLLAND Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	HOLLAND Standard channel - low power only	1W
16	156,800 MHz	156,800 MHz	Simplex	HOLLAND Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	HOLLAND Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	HOLLAND Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	HOLLAND Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	HOLLAND Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	HOLLAND Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	HOLLAND Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	HOLLAND Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	HOLLAND Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	HOLLAND Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	HOLLAND Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	HOLLAND Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	HOLLAND Standard channel	25W & 1W
31	157,550 MHz	162,150 MHz	Duplex	HOLLAND Standard channel	1W
60	156,025 MHz	160,625 MHz	Duplex	HOLLAND Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	HOLLAND Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	HOLLAND Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	HOLLAND Standard channel	25W & 1W
64	156,225 MHz	160,825 MHz	Duplex	HOLLAND Standard channel	25W & 1W
65	156,275 MHz	160,875 MHz	Duplex	HOLLAND Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	HOLLAND Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	HOLLAND Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	HOLLAND Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	HOLLAND Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	HOLLAND Standard channel - No transmit - Reserved for DSC only	0W
71	156,575 MHz	156,575 MHz	Simplex	HOLLAND Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	HOLLAND Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	HOLLAND Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	HOLLAND Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	HOLLAND Standard channel - low power only	1W
76	156,825 MHz	156,825 MHz	Simplex	HOLLAND Standard channel - low power only	1W
77	156,875 MHz	156,875 MHz	Simplex	HOLLAND Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	HOLLAND Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	HOLLAND Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	HOLLAND Standard channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	HOLLAND Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	HOLLAND Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	HOLLAND Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	HOLLAND Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	HOLLAND Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	HOLLAND Standard channel	25W & 1W
87	157,375 MHz	157,375 MHz	Simplex	HOLLAND Standard channel	25W & 1W
88	157,425 MHz	157,425 MHz	Simplex	HOLLAND Standard channel	25W & 1W



Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
01	156,050 MHz	160,650 MHz	Duplex	BELGIUM Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	BELGIUM Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	BELGIUM Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	BELGIUM Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	BELGIUM Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	BELGIUM Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	BELGIUM Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	BELGIUM Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	BELGIUM Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	BELGIUM Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	BELGIUM Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	BELGIUM Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	BELGIUM Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	BELGIUM Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	BELGIUM Standard channel - low power only	1W
16	156,800 MHz	156,800 MHz	Simplex	BELGIUM Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	BELGIUM Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	BELGIUM Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	BELGIUM Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	BELGIUM Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	BELGIUM Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	BELGIUM Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	BELGIUM Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	BELGIUM Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	BELGIUM Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	BELGIUM Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	BELGIUM Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	BELGIUM Standard channel	25W & 1W
60	156,025 MHz	160,625 MHz	Duplex	BELGIUM Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	BELGIUM Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	BELGIUM Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	BELGIUM Standard channel	25W & 1W
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65	156,275 MHz	160,875 MHz	Duplex	BELGIUM Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	BELGIUM Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	BELGIUM Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	BELGIUM Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	BELGIUM Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	BELGIUM Standard channel - No transmit - Reserved for DSC only	0W
71	156,575 MHz	156,575 MHz	Simplex	BELGIUM Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	BELGIUM Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	BELGIUM Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	BELGIUM Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	BELGIUM Standard channel - low power only	1W
76	156,825 MHz	156,825 MHz	Simplex	BELGIUM Standard channel - low power only	1W
77	156,875 MHz	156,875 MHz	Simplex	BELGIUM Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	BELGIUM Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	BELGIUM Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	BELGIUM Standard channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	BELGIUM Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	BELGIUM Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	BELGIUM Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	BELGIUM Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	BELGIUM Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	BELGIUM Standard channel	25W & 1W
87	157,375 MHz	157,375 MHz	Simplex	BELGIUM Standard channel	25W & 1W
88	157,425 MHz	157,425 MHz	Simplex	BELGIUM Standard channel	25W & 1W
96H	162,425 MHz	162,425 MHz	Simplex	BELGIUM Standard channel	25W & 1W

Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
01	156,050 MHz	160,650 MHz	Duplex	INT Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	INT Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	INT Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	INT Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	INT Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	INT Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	INT Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	INT Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	INT Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	INT Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	INT Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	INT Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	INT Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	INT Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	INT Standard channel - low power only	1W
16	156,800 MHz	156,800 MHz	Simplex	INT Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	INT Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	INT Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	INT Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	INT Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	INT Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	INT Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	INT Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	INT Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	INT Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	INT Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	INT Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	INT Standard channel	25W & 1W
60	156,025 MHz	160,625 MHz	Duplex	INT Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	INT Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	INT Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	INT Standard channel	25W & 1W
64	156,225 MHz	160,825 MHz	Duplex	INT Standard channel	25W & 1W
65	156,275 MHz	160,875 MHz	Duplex	INT Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	INT Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	INT Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	INT Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	INT Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	INT Standard channel - No transmit - Reserved for DSC only	0W
71	156,575 MHz	156,575 MHz	Simplex	INT Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	INT Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	INT Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	INT Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	INT Standard channel - low power only	1W
76	156,825 MHz	156,825 MHz	Simplex	INT Standard channel - low power only	1W
77	156,875 MHz	156,875 MHz	Simplex	INT Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	INT Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	INT Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	INT Standard channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	INT Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	INT Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	INT Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	INT Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	INT Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	INT Standard channel	25W & 1W
87	157,375 MHz	157,375 MHz	Simplex	INT Standard channel	25W & 1W
88	157,425 MHz	157,425 MHz	Simplex	INT Standard channel	25W & 1W

Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
01A	156,050 MHz	156,050 MHz	Simplex	USA Standard channel	25W & 1W
02A	GUARD	GUARD		USA Standard channel	
03A	156,150 MHz	156,150 MHz	Simplex	USA Standard channel	25W & 1W
05A	156,250 MHz	156,250 MHz	Simplex	USA Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	USA Standard channel	25W & 1W
07A	156,350 MHz	156,350 MHz	Simplex	USA Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	USA Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	USA Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	USA Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	USA Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	USA Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	USA Standard channel - momentary high power	1W
14	156,700 MHz	156,700 MHz	Simplex	USA Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	USA Standard channel - momentary high power	1W
16	156,800 MHz	156,800 MHz	Simplex	USA Standard channel	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	USA Standard channel - low power only	1W
18A	156,900 MHz	156,900 MHz	Simplex	USA Standard channel	25W & 1W
19A	156,950 MHz	156,950 MHz	Simplex	USA Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	USA Standard channel	25W & 1W
20A	157,000 MHz	157,000 MHz	Simplex	USA Standard channel	25W & 1W
21A	157,050 MHz	157,050 MHz	Simplex	USA Standard channel	25W & 1W
22A	157,100 MHz	157,100 MHz	Simplex	USA Standard channel	25W & 1W
23A	157,150 MHz	157,150 MHz	Simplex	USA Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	USA Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	USA Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	USA Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	USA Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	USA Standard channel	25W & 1W
60A	GUARD	GUARD		USA Standard channel	
61A	156,075 MHz	156,075 MHz	Simplex	USA Standard channel	25W & 1W
63A	156,175 MHz	156,175 MHz	Simplex	USA Standard channel	25W & 1W
64A	156,225 MHz	156,225 MHz	Simplex	USA Standard channel	25W & 1W
65A	156,275 MHz	156,275 MHz	Simplex	USA Standard channel	25W & 1W
66A	156,325 MHz	156,325 MHz	Simplex	USA Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	USA Standard channel - momentary high power	1W
68	156,425 MHz	156,425 MHz	Simplex	USA Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	USA Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	INT Standard channel - Reserved for DSC only	0W
71	156,575 MHz	156,575 MHz	Simplex	USA Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	USA Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	USA Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	USA Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	USA Standard channel - low power only	1W
76	156,825 MHz	156,825 MHz	Simplex	USA Standard channel - low power only	1W
77	156,875 MHz	156,875 MHz	Simplex	USA Standard channel - low power only	1W
78A	156,925 MHz	156,925 MHz	Simplex	USA Standard channel	25W & 1W
79A	156,975 MHz	156,975 MHz	Simplex	USA Standard channel	25W & 1W
80A	157,025 MHz	157,025 MHz	Simplex	USA Standard channel	25W & 1W
81A	157,075 MHz	157,075 MHz	Simplex	USA Standard channel	25W & 1W
82A	157,125 MHz	157,125 MHz	Simplex	USA Standard channel	25W & 1W
83A	157,175 MHz	157,175 MHz	Simplex	USA Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	USA Standard channel	25W & 1W
84A	157,225 MHz	157,225 MHz	Simplex	USA Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	USA Standard channel	25W & 1W
85A	157,275 MHz	157,275 MHz	Simplex	USA Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	USA Standard channel	25W & 1W
86A	157,325 MHz	157,325 MHz	Simplex	USA Standard channel	25W & 1W
87	157,375 MHz	161,975 MHz	Duplex	USA Standard channel	25W & 1W
87A	157,375 MHz	157,375 MHz	Simplex	USA Standard channel	25W & 1W
88	157,425 MHz	162,025 MHz	Duplex	USA Standard channel	25W & 1W
88A	157,425 MHz	157,425 MHz	Simplex	USA Standard channel	25W & 1W

Channel ID	Ship Station		Simplex/Duplex	Notes	Power Level
	Tx Frequency	Rx Frequency			
01	156,050 MHz	160,650 MHz	Duplex	UK Standard channel	25W & 1W
02	156,100 MHz	160,700 MHz	Duplex	UK Standard channel	25W & 1W
03	156,150 MHz	160,750 MHz	Duplex	UK Standard channel	25W & 1W
04	156,200 MHz	160,800 MHz	Duplex	UK Standard channel	25W & 1W
05	156,250 MHz	160,850 MHz	Duplex	UK Standard channel	25W & 1W
06	156,300 MHz	156,300 MHz	Simplex	UK Standard channel	25W & 1W
07	156,350 MHz	160,950 MHz	Duplex	UK Standard channel	25W & 1W
08	156,400 MHz	156,400 MHz	Simplex	UK Standard channel	25W & 1W
09	156,450 MHz	156,450 MHz	Simplex	UK Standard channel	25W & 1W
10	156,500 MHz	156,500 MHz	Simplex	UK Standard channel	25W & 1W
11	156,550 MHz	156,550 MHz	Simplex	UK Standard channel	25W & 1W
12	156,600 MHz	156,600 MHz	Simplex	UK Standard channel	25W & 1W
13	156,650 MHz	156,650 MHz	Simplex	UK Standard channel	25W & 1W
14	156,700 MHz	156,700 MHz	Simplex	UK Standard channel	25W & 1W
15	156,750 MHz	156,750 MHz	Simplex	UK Standard channel	1W
16	156,800 MHz	156,800 MHz	Simplex	UK Standard channel - Default to High Power	25W & 1W
17	156,850 MHz	156,850 MHz	Simplex	UK Standard channel	1W
18	156,900 MHz	161,500 MHz	Duplex	UK Standard channel	25W & 1W
19	156,950 MHz	161,550 MHz	Duplex	UK Standard channel	25W & 1W
20	157,000 MHz	161,600 MHz	Duplex	UK Standard channel	25W & 1W
21	157,050 MHz	161,650 MHz	Duplex	UK Standard channel	25W & 1W
22	157,100 MHz	161,700 MHz	Duplex	UK Standard channel	25W & 1W
23	157,150 MHz	161,750 MHz	Duplex	UK Standard channel	25W & 1W
24	157,200 MHz	161,800 MHz	Duplex	UK Standard channel	25W & 1W
25	157,250 MHz	161,850 MHz	Duplex	UK Standard channel	25W & 1W
26	157,300 MHz	161,900 MHz	Duplex	UK Standard channel	25W & 1W
27	157,350 MHz	161,950 MHz	Duplex	UK Standard channel	25W & 1W
28	157,400 MHz	162,000 MHz	Duplex	UK Standard channel	25W & 1W
30	157,500 MHz	162,100 MHz	Duplex	UK Standard channel	25W & 1W
31	157,550 MHz	162,150 MHz	Duplex	UK Standard channel	25W & 1W
60	156,025 MHz	160,625 MHz	Duplex	UK Standard channel	25W & 1W
61	156,075 MHz	160,675 MHz	Duplex	UK Standard channel	25W & 1W
62	156,125 MHz	160,725 MHz	Duplex	UK Standard channel	25W & 1W
63	156,175 MHz	160,775 MHz	Duplex	UK Standard channel	25W & 1W
64	156,225 MHz	160,825 MHz	Duplex	UK Standard channel	25W & 1W
65	156,275 MHz	160,875 MHz	Duplex	UK Standard channel	25W & 1W
66	156,325 MHz	160,925 MHz	Duplex	UK Standard channel	25W & 1W
67	156,375 MHz	156,375 MHz	Simplex	UK Standard channel	25W & 1W
68	156,425 MHz	156,425 MHz	Simplex	UK Standard channel	25W & 1W
69	156,475 MHz	156,475 MHz	Simplex	UK Standard channel	25W & 1W
70	156,525 MHz	156,525 MHz	Simplex	UK Standard channel - No transmit - Reserved for DSC only	0W
71	156,575 MHz	156,575 MHz	Simplex	UK Standard channel	25W & 1W
72	156,625 MHz	156,625 MHz	Simplex	UK Standard channel	25W & 1W
73	156,675 MHz	156,675 MHz	Simplex	UK Standard channel	25W & 1W
74	156,725 MHz	156,725 MHz	Simplex	UK Standard channel	25W & 1W
75	156,775 MHz	156,775 MHz	Simplex	UK Standard channel	25W & 1W
76	156,825 MHz	156,825 MHz	Simplex	UK Standard channel	25W & 1W
77	156,875 MHz	156,875 MHz	Simplex	UK Standard channel	25W & 1W
78	156,925 MHz	161,525 MHz	Duplex	UK Standard channel	25W & 1W
79	156,975 MHz	161,575 MHz	Duplex	UK Standard channel	25W & 1W
80	157,025 MHz	161,625 MHz	Duplex	UK Standard channel - Also used as 3rd Marina Channel	25W & 1W
81	157,075 MHz	161,675 MHz	Duplex	UK Standard channel	25W & 1W
82	157,125 MHz	161,725 MHz	Duplex	UK Standard channel	25W & 1W
83	157,175 MHz	161,775 MHz	Duplex	UK Standard channel	25W & 1W
84	157,225 MHz	161,825 MHz	Duplex	UK Standard channel	25W & 1W
85	157,275 MHz	161,875 MHz	Duplex	UK Standard channel	25W & 1W
86	157,325 MHz	161,925 MHz	Duplex	UK Standard channel	25W & 1W
87	157,375 MHz	157,375 MHz	Simplex	UK Standard channel	25W & 1W
88	157,425 MHz	157,425 MHz	Simplex	UK Standard channel	25W & 1W
37A	157,850 MHz	157,850 MHz	Simplex	UK Standard Channel - simplex of Ch 37 (AKA Channel M)	1W
P4	161,425 MHz	161,425 MHz	Simplex	UK Standard Channel - top half simplex of Ch 76 (AKA Channel M2)	25W & 1W