

## PART 1 FOREWORD

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### 1.1 ADVANCE NOTICES

In order that mariners may have advance knowledge of proposed changes to existing facilities to be provided, additions, deletions and changes to such facilities under the jurisdiction of the Canadian Coast Guard are listed hereunder. Effective dates of changes and dates for the commissioning of new facilities are, however, extremely hard to forecast owing to difficulties in obtaining materials and subject to the provision of necessary funds. Every effort will be made to amend dates as far in advance as possible. In every case of changes to facilities and commissioning new facilities, an appropriate Notice to Mariners will be issued.

#### **1.1.1 Update to Consolidation of Marine Communications and Traffic Services (MCTS) Centres**

The Canadian Coast Guard is modernizing and consolidating its Marine Communications and Traffic Services Centres. Clients will continue to receive the high-quality service they have come to expect.

Once complete, there will be a total of 12 MCTS Centres strategically located across the country. Additional information pertaining to this project will be advertised to clients by all available means.

##### Western Region

Comox MCTS will consolidate to Victoria MCTS in Winter/Spring 2016

The new technology will increase efficiency permitting employees to have a greater ability to focus on the safety services they provide to mariners. Mariners are encouraged to visit the Radio Aids to Marine Navigation (RAMN) and Notices to Mariners (NOTMAR) PART 3 on a monthly basis for updated information and potential changes to contact information and marine broadcast schedules.

#### **1.1.2 Change to Maritime Mobile Service Identity (MMSI) Numbers**

Consolidation of MCTS Centres will result in changes to MMSI numbers. As Consolidation dates approach, the Canadian Coast Guard will issue a Notice to Shipping to advertise pertinent changes to information. Mariners using VHF DSC may be required to program new MMSI numbers into their systems. Please refer to the table below.

Consolidating Centres	Discontinued MMSI	Replace with MMSI
Tofino Coast Guard Radio consolidating to Prince Rupert Coast Guard Radio	00 316 0012	00 316 0013
Vancouver Coast Guard Radio consolidating to Victoria Coast Guard Radio	00 316 0010	00 316 0011
Comox Coast Guard Radio consolidating to Victoria Coast Guard Radio	00 316 0014	00 316 0011

The changes to MMSI numbers will only take effect upon Consolidation. Mariners are encouraged to visit the Radio Aids to Marine Navigation (RAMN) and Notices to Mariners (NOTMAR) PART 3 on a monthly basis for updated information.

### **1.1.3 The Radio Aids to Marine Navigation Annual Publications**

Effective April 1, 2013, the Canadian Coast Guard has ceased the printing of its "Radio Aids to Marine Navigation" annual publications which include the "Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg and Arctic" edition as well as the "Pacific and Arctic" edition. The publications will continue to be available online, free of charge, at:

[http://www.ccg-gcc.gc.ca/eng/CCG/Information\\_for\\_Mariners](http://www.ccg-gcc.gc.ca/eng/CCG/Information_for_Mariners)

The "Radio Aids to Marine Navigation" annual publications are updated each April. Amendments will continue to be advertised by radio broadcast (Notices to Shipping) and/or issued on a monthly basis, when required, in "Notices to Mariners", Section 3. The "Notices to Mariners" publication is available online, free of charge, at: <http://www.notmar.gc.ca>.

Every ship station fitted on a Canadian ship or on a non-Canadian ship engaged in the coasting trade of Canada, pursuant to the *Ship Station (Radio) Regulations 1999*, and all ships in waters under Canadian jurisdiction, pursuant to the *Charts and Nautical Publications Regulations, 1995*, are required to carry the most recent applicable edition of "Radio Aids to Marine Navigation".

### **1.1.4 Ship Radio Inspections**

Owners and masters of Canadian vessels are advised that Transport Canada has delegated the authority to issue radio inspection certificates to Recognized Organizations under the Delegation Statutory Inspection Program. Vessels enrolled in the Delegation Statutory Inspection Program, as well as classed ships, are encouraged to contact a Recognized Organization for their radio inspection required by regulations under the *Canada Shipping Act, 2001*. Currently, the Recognized Organizations are: the American Bureau of Shipping; Bureau Veritas; Det Norske Veritas; Germanischer Lloyd; and, Lloyd's Register. This is in addition to the Canadian Coast Guard, who continues to also have delegated authority for this function.

### **1.1.5 The Canadian Forces Fleet MetOc Broadcast Service**

The Canadian Forces Fleet MetOc Broadcast service (radioteletype and radiofacsimile) was placed in abeyance effective September 2, 2010. The Canadian Forces Fleet MetOc Broadcast may be reinstated and ceased without warning as necessitated by military operational requirements. When notified, Marine Communications and Traffic Services will issue a Notice to Shipping concerning reinstatement or cessation of this service.

### **1.1.6 Prince Rupert MCTS – Changes to NAVTEX and MF Broadcast Content**

Prince Rupert MCTS will amend the NAVTEX broadcast from Digby Island (Identifier D) and Amphitrite (Identifier H) to become compliant with the International NAVTEX Service standards for broadcast content. The MF radiotelephony broadcast from Digby Island, Hunter Point and Amphitrite Point will also be amended to meet these same broadcast standards.

Effective April 1<sup>st</sup>, 2016 at 0800 UTC (0000 PDT), the broadcast content for both services will contain only offshore weather and Notice to Shipping information for areas beyond VHF coverage or 40 nm offshore.

The North Coast broadcast content on both NAVTEX and MF Radiotelephony will include the following:

- marine forecast areas 2, 3, and 4;
- ODAS buoys: North Nomad (46184), Middle Nomad (46004), West Dixon Entrance (46205), West Moresby (46208) and South Moresby (46147);
- Notice to Shipping for offshore waters only.

The South Coast broadcast content on both NAVTEX and MF Radiotelephony will include the following:

- marine forecast areas 1, 5, 6, and 7;
- ODAS buoys: South Nomad (46036), South Brooks (46132), La Perouse Bank (46206) and East Dellwood (46207);
- Notice to Shipping for offshore waters only.

## **1.2 CANADIAN MARITIME MOBILE SAFETY AND PUBLIC CORRESPONDENCE COMMUNICATION FREQUENCIES**

The frequencies listed on the following pages are those in general use by ships in Canadian waters for inter-ship communications and for ship/shore communications with Marine Communications and Traffic Services centres operated by the Canadian Coast Guard.

See Table 1-1 and 1-2 in the remarks column for channels and frequencies that are continuously monitored.

Part 2 of this publication contains individual listings for Marine Communications and Traffic Services centres operated by the Canadian Coast Guard, giving details of the communication and special services provided to ships.

On the following pages are frequency lists, including the geographical areas of use:

- a) Pacific Coast;
- b) Arctic; and
- c) Athabasca & Mackenzie Inland Waterways

**Table 1-1- Maritime Mobile Safety and Communication Frequencies MF/HF**

Frequencies		Channel	Class of Emission	Areas Used	Remarks
kHz (ship)	kHz (coast)				
	490		F1B	b	NAVTEX Service (French).
	518		F1B	a, b	International NAVTEX Service (English).
2040			J3E		Inter-ship (vessels other than fishing and towing).
2054	2054		J3E	a	Public correspondence; MSI broadcasts. Continuously monitored – MCTS Prince Rupert, Tofino only.
2118	2514		J3E	b	Public correspondence; MSI broadcasts.
2142	2558		J3E	b, c	Public correspondence.
2182	2182		J3E	a,b	International distress and safety communications. Continuously monitored.
2187.5	2187.5		G2B		International distress and safety calls (DSC).
2206	2582		J3E	b	Public correspondence; MSI broadcasts.
2318			J3E		Inter-ship (fishing vessels).
2340	2458		J3E		Public correspondence.
2366			J3E		Inter-ship (other than fishing vessels).
2638			J3E	b	Inter-ship (shared with U.S. vessels).
2738			J3E	b	Inter-ship (shared with U.S. vessels).
3023	3023		J3E	a, b, c	International SAR coordination communication, including aircraft.
	3253		J3C	b	Radiofacsimile
4071	4363	403	J3E	b, c	Public correspondence; MSI broadcasts. Continuously monitored – MCTS Iqaluit (except Hay River) only.
4083	4375	407	J3E	b	Public correspondence.
4125	4125		J3E	a, b	International distress and safety communications, including SAR aircraft. Continuously monitored – MCTS Prince Rupert.
4177.5	4177.5		F1B	b	International distress and safety communications (NBDP).
4207.5	4207.5		F1B	b	International distress and safety calls (DSC).
	4292		J3C	b	Radiofacsimile
5680	5680		J3E	a, b, c	International SAR coordination communications, including SAR aircraft.
5803	5803		J3E	c	International distress and safety communications; Public correspondence; MSI broadcasts. Continuously monitored – MCTS Iqaluit (except Cambridge Bay) only.
6200	6501	601	J3E	b, c	Public correspondence.
6206	6507	603	J3E	b	Public correspondence; MSI broadcasts

Frequencies		Channel	Class of Emission	Areas Used	Remarks
kHz (ship)	kHz (coast)				
6212	6513	605	J3E	b	Public correspondence.
6215	6215		J3E	b	International distress and safety communications.
6218.6	6218.6		J3E	b, c	Public correspondence; MSI broadcasts.
6268	6268		F1B	b	International distress and safety communications (NBDP).
6312	6312		F1B	b	International distress and safety calls (DSC).
	7710		J3C	b	Radiofacsimile
8228	8752	812	J3E	b	Public correspondence.
8267	8791	825	J3E	b	Public correspondence.
8270	8794	826	J3E	b, c	Public correspondence.
8291	8291		J3E	b	International distress and safety communications.
8376.5	8376.5		F1B	b	International distress and safety communications (NBDP).
8414.5	8414.5		F1B	b	International distress and safety calls (DSC).
	8416.5		F1B	b	NAVAREAs XVII and XVIII MSI broadcasts (NBDP).
	8456		J3C	b, c	Radiofacsimile
12230	13077	1201	J3E	b, c	Public correspondence.
12290	12290		J3E	b	International distress and safety communications.
12520	12520		F1B	b	International distress and safety communications (NBDP).
12577	12577		F1B	b	International distress and safety calls (DSC).
16420	16420		J3E	b	International distress and safety communications.
16695	16695		F1B	b	International distress and safety communications (NBDP).
16804.5	16804.5		F1B	b	International distress and safety calls (DSC).

**Table 1-2 - Maritime Mobile Safety and Communication Frequencies VHF**

Frequencies		Channel	Class of Emission	Areas Used	Remarks
Ship MHz	Coast MHz				
156.250	156.250	05A	F3E	a	Vessel Traffic Services.
156.300	156.300	06	F3E	a, b	Inter-ship safety and International SAR coordination communications, including aircraft.
156.400	156.400	08	F3E	b	Inter-ship and Safety communications.
156.525	156.525	70	G2B	a, b	International distress and safety calls (DSC). Continuously monitored.
156.550	156.550	11	F3E	a	Vessel Traffic Services and Pilotage. Continuously monitored – MCTS Prince Rupert, Victoria only.
156.575	156.575	71	F3E	a	Vessel Traffic Services. Continuously monitored – MCTS Comox, Prince Rupert only.
156.600	156.600	12	F3E	a	VTS/Ports Operations/Pilotage. Continuously monitored – MCTS Victoria only.
156.650	156.650	13	F3E	a	Bridge to Bridge navigational traffic.
156.700	156.700	14	F3E	a	VTS/Ports Operations/Pilotage.
156.725	156.725	74	F3E	a	Vessel Traffic Services. Continuously monitored – MCTS Prince Rupert, Victoria only.
156.800	156.800	16	F3E	a, b, c	International distress and safety communications. Continuously monitored.
	161.650	21B	F3E	a	Weather & NOTSHIP broadcasts.
156.925	156.925	78A	F3E	a, b, c	Inter-ship for Fishing vessels.
157.100	157.100	22A	F3E	a	Ship and Canadian Coast Guard liaison (channel unmonitored).
157.175	157.175	83A	F3E	a	Ship and Canadian Coast Guard liaison. Continuously monitored – MCTS Comox, Prince Rupert, Victoria (except Gabriola Island) only.
	161.775	83B	F3E	a	Weather & NOTSHIP broadcasts.
157.225	161.825	84	F3E	a	Public correspondence. Continuously monitored – MCTS Comox, Prince Rupert, Victoria only.
157.275	161.875	85	F3E	a, c	Public correspondence: MSI broadcasts
157.300	161.900	26	F3E	a, b, c	Public correspondence; MSI broadcasts. Continuously monitored – MCTS Comox, Iqaluit, Prince Rupert, Victoria only.
161.975	161.975	87B	G2B	a	AIS-1
162.025	162.025	88B	G2B	a	AIS-2
	162.400	WX2	F3E	a	Weather & NOTSHIP broadcasts.
	162.475	WX3	F3E	a	Weather & NOTSHIP broadcasts.
	162.550	WX1	F3E	a	Weather & NOTSHIP broadcasts.

*Notes Reference VHF:*

*“A” following a channel number means Simplex Operation on the ship station transmitting frequency.*

*“B” following a channel number means ship stations receive only the higher coast station transmitting frequency.*

### 1.3 GENERAL INFORMATION ON MARINE COMMUNICATIONS AND TRAFFIC SERVICES CENTRE LISTINGS

- a) Transmit and receive frequencies are listed in kHz.
- b) The numbered areas mentioned in the remarks column of centres providing communications and special services are shown on the marine weather forecasts maps and are listed in detail under the heading “Weather Forecast Areas” in Part 5.
- c) Frequencies for which the J3E single sideband modes of emission are shown in the Marine Communications and Traffic Services centre listings are designated by the carrier frequencies. The assigned frequencies are 1.4 kHz higher than the carrier frequencies listed. (This note also applies to the medium and high radiotelephone frequencies listed in the “Canadian Maritime Mobile Safety and Public Correspondence Communication Frequencies”, Section 1.2).

**Table 1-3 - Legend for MCTS Centre Listings**

Abbreviation/Acronym	Explanation
AIS	Automatic Identification System
CMB	Continuous Marine Broadcast
DF	Direction Finding
DSC	Digital Selective Calling
F1B	Radioteletype
F3E	Radiotelephony, Frequency Modulation
G2B	Phase modulation, digital information, automatic reception
H+	This symbol followed by a number indicates minutes past the hour.
HF NBDP	High Frequency Narrow-Band Direct-Printing Telegraphy
J3C	Facsimile – Single-sideband, Suppressed Carrier
J3E	Radiotelephony – Single-sideband, Suppressed Carrier
MCTS	Marine Communications and Traffic Services
MMSI	Maritime Mobile Service Identity
NAVTEX	Narrow Band Direct Printing telegraphy
SC	Ship Control (Canal and Locks operations)
UTC	Coordinated Universal Time

## 1.4 TELEPHONE/FACSIMILE/TELEX DIRECTORY

**Table 1-4 - Telephone / Facsimile / Telex Directory**

Service	Telephone Number	Facsimile Number	Telex Number	Answer Back Code	MMSI
<b>MCTS (call sign)</b>					
Comox, BC (VAC)	250-339-3613 250-339-5483 866-823-1110	250-339-2372			003160014
Iqaluit, NU (VFF) <i>Service available in English and in French.</i>	867-979-0310 West 867-979-5269 East	867-979-4264	063-15529	NORDREG CDA	003160023
Prince Rupert, BC (VAJ)	250-627-3081 North 250-627-3082 South	250-624-9075			003160013
Victoria, BC (VAK)	250-363-6611	250-363-6556			003160011
<b>VTS Offshore</b>					
Prince Rupert, BC	250-627-3071				
<b>NORDREG Canada</b>					
IQALUIT, NU Operational from approximately mid-May until late December	867-979-5724	867-979-4264	063-15529	NORDREG CDA	003160023
PRESCOTT, ON Operational from approximately late December until mid-May	613-925-4471	613-925-4519			
NAVAREA XVII & XVIII					
PRESCOTT, ON	613-925-0666	613-925-4519			

## 1.5 JOINT RESCUE COORDINATION CENTRE (JRCC)

### JRCC Victoria, BC

Telephone: 1-800-567-5111 British Columbia and Yukon  
 250-413-8933 Satellite, Local or out of area  
 # 727 Cellular

Email: [jrccvictoria@sarnet.dnd.ca](mailto:jrccvictoria@sarnet.dnd.ca)

### JRCC Trenton, ON

Telephone: 1-800-267-7270 In Canada  
 613-965-3870 Satellite, Local or out of area

Facsimile: 613-965-7279

Email: [jrcctrenton@sarnet.dnd.ca](mailto:jrcctrenton@sarnet.dnd.ca)



**1.6 REGIONAL OFFICE ADDRESSES (COVERING THE PACIFIC COAST AND WESTERN ARCTIC)****Regional Superintendent  
Marine Communications and Traffic Services**

Fisheries and Oceans Canada  
Canadian Coast Guard  
Western Region  
Victoria Coast Guard Base  
25 Huron Street  
Victoria BC V8V 4V9

Telephone: 250-363-8922

Email: [mcts@dfo-mpo.gc.ca](mailto:mcts@dfo-mpo.gc.ca)

**Regional Superintendent  
Marine Communications and Traffic Services**

*Service available in English and in French*

Fisheries and Oceans Canada  
Canadian Coast Guard  
Central & Arctic Region  
101 Champlain Boulevard  
Québec, QC G1K 7Y7

Telephone: 418-648-5522

Facsimile: 418-648-4877

**1.7 REGIONAL NOTICES TO SHIPPING (NOTSHIP) ISSUING AUTHORITIES****Fisheries and Oceans Canada  
Canadian Coast Guard  
Victoria MCTS Centre**

Institute of Ocean Sciences  
9860 West Saanich Road  
PO Box 6000  
Sidney BC V8L 4B2

Telephone: 250-363-6333

Facsimile: 250-363-6556

Email: [supervisor.Victoria@innav.gc.ca](mailto:supervisor.Victoria@innav.gc.ca)

**Fisheries and Oceans Canada  
Canadian Coast Guard  
Iqaluit MCTS Centre**

*Service available in English and in French  
Operational from approximately mid-May until late December*

P.O. Box 189  
Iqaluit, NU X0A 0H0

"H" Series NOTSHIPS

Telephone: 867-979-0310

Facsimile: 867-979-4264

Email: [lqamck01@innav.gc.ca](mailto:lqamck01@innav.gc.ca)

Website: <http://www.ccg-gcc.gc.ca/eng/CCG/Notship-Home>

"A" Series NOTSHIPS

Telephone: 867-979-5269

Facsimile: 867-979-4264

Email: [lqaNordreg@innav.gc.ca](mailto:lqaNordreg@innav.gc.ca)

Website: <http://www.ccg-gcc.gc.ca/eng/CCG/Notship-Home>