

MSI Self Assessment NAVAREA XVII and XVIII

Submitted by **CANADA**

SUMMARY

Executive Summary: Synopsis of activities within NAVAREA XVII and XVIII since WWNWS4

Action to be taken: Note the report

Related documents: None

1. Background:

NAVAREA XVII boundary limits:

67° 00'.00N 168° 58'.00W,
90° 00'.00N 168° 58'.00W,
90° 00'.00N 120° 00'.00W,
south to the Canadian coastline along the 120°00'.00W meridian;

NAVAREA XVIII boundary limits:

A position on the Canadian coastline at the 120°00'.00W meridian to:
90° 00'.00N 120°00'.00W,
90° 00'.00N 035°00'.00W,
67° 00'.00N 035°00'.00W;

Scheduled Broadcast Times	
NAVAREA	(UTC)
XVII (POR)	1130UTC and 2330UTC
XVIII (AOR-W)	1100UTC and 2300UTC
HF NBDP (NAVAREA & METAREA)	0330UTC and 1530UTC

NAVAREA warnings and METAREA information are also broadcast twice daily by means of HF Narrow Band Direct Printing (NBDP) on the 8 MHz (8416.5 kHz) maritime safety information (MSI) frequency for some arctic waters in the Canadian Search and Rescue Region which are not covered by the INMARSAT SafetyNET service.

Operational Points of Contact:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Canada	613-925-4471	613-925-4519	navarea17.18@innav.gc.ca

2. Comments:

Canada updated the GMDSS Master Plan on June 6th, 2013.

3. NAVTEX Coverage:

The one NAVTEX station located in Iqaluit, Nunavut (63 43N 68 33W) is operated by Iqaluit Marine Communications and Traffic Services (MCTS) Centre on a seasonal basis and provides limited coverage in NAVAREA XVIII (see Figure 1). The Canadian Coast Guard has no plans to expand its NAVTEX coverage for Arctic waters.

The Danish Maritime Authority has three operational NAVTEX transmitters in West Greenland located at: Upernavik [I], Simiutaq [M] and Igdlutaligssuaq (NUUK) [W].

Operational Points of Contact:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Canada	867-979-5269	867-979-4264	iqanordreg@innav.gc.ca
MRCC Groennedal	+299 691911	+299 691949	mrcc@glk.gl

4. Operational Issues:

No new infrastructure planned and no problems were encountered.

	2011	2012	2013*
NAVAREA XVII	142	127	60
NAVAREA XVIII	197	155	78
HF-NBDP XVII	94	94	24
HF-NBDP XVIII	131	111	62

* Inclusive to August 30th, 2013 1600UTC

A NAVAREA “In Force Warning” bulletin is issued once weekly.

“In Force” warning messages more than 42 days old are found on the Canadian Coast Guard website or can be requested by email.

The information on how to find these warnings is promulgated as part of the text of the “In Force” bulletin.

5. Quality Management Survey

NAVAREA	ISO 9001 -2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast in almost real time	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
XVII/XVIII	NO	YES	YES	YES	YES	YES	YES

6. Contingency Planning

NAVAREA XVII and XVIII became fully operational on July 1, 2011 and are operated from a single location. All equipment is fully redundant and a business continuity plan is in place.

Requests for broadcast assistance from the adjacent NAVAREA IV and NAVAREA XII coordinator would be sought for times when the NAVAREA desk would not be accessible by our staff.

As Search and Rescue transmissions over SafetyNET are also provided from the same location using a different satellite communications service provider, this could be used as contingency.

Request for assistance from METAREA XVII and XVIII is another option as a contingency measure.

7. Capacity Building:

NIL

8. Other Activities:

NIL

9. NAVAREA Website:

Website: WWW.CCG-GCC.GC.CA/ENG/CCG/NOTSHIP_HOME

The website is updated shortly after the initial broadcast of a new NAVAREA warning. Mariners can search Broadcast Warnings for a specific NAVAREA or both NAVAREAs and may also select a broadcast period using the drop-down calendar.

Mariners can search a list of the In-force Bulletins.

The Website does not display the date/time of the last update.

Statistics are available by email request only.

10. NAVAREA Contact Information:

National Strategies
 Preparedness and Response
 Canadian Coast Guard
 Centennial Towers

200 Kent Street
Ottawa, Ontario K1A 0E6
Canada

Administrative matters:

Telephone: 613-990-5288
E-mail: bakkerl@dfo-mpo.gc.ca

Operational matters:

Telephone: 613-925-4471
Facsimile: 613-925-4519
E-mail: navarea17.18@innav.gc.ca

11. Recommendations:

NIL

12. Actions requested:

Note the information provided.

13. Summary:

The NAVAREA XVII and XVIII desk is in its 3rd year of operation, providing a year round SafetyNET broadcast and coordination service. Broadcasts are made twice a day for each NAVAREA. A weekly In-force Bulletin message is also transmitted. NAVAREA messages are posted on the Canadian Coast Guard Website in near real time. NAVAREA messages and METAREA information are also transmitted over HF-NBDP, on 8416.5 kHz, twice daily on a seasonal basis. Canada conducted a brief radio survey of the reception coverage of its Arctic NAVTEX installation and the results demonstrated that the coverage is as depicted in Figure 1 with some minor anomalies created by local topography.

Figure 1 – Navtex Station



