

MSI Self Assessment NAVAREA XVII and XVIII

Submitted by Canada / Canadian Coast Guard

SUMMARY	
Executive Summary:	Synopsis of activities within NAVAREA XVII and XVIII since WWNS3
Action to be taken:	Note report
Related documents:	None

1. Background:

NAVAREA XVII is bound by a position south to the Canadian coastline at the 120°00'.00W meridian to:

67° 00'.00N 168° 58'.00W,
 90° 00'.00N 168° 58'.00W,
 90° 00'.00N 120° 00'.00W.

NAVAREA XVIII is bound by 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 Broadcasts	
NAVAREA	(UTC)
XVII (POR)	1130UTC and 2330UTC
XVIII (AOR-W)	1100UTC and 2300UTC
HF NBDP (SEA AREA A 4) 8MHZ	0330UTC and 1530UTC

Operational Points of Contact for National Co-ordinators within the NAVAREA:

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

2. Comments:

Canada provided GMDSS Master Plan updates for GMDSS.1/Circ.13 in time for COMSAR 16.

	2010*	2011
NAVAREA XVII	109	143
NAVAREA XVIII	131	197

* Service began July 1, 2010 on a test basis; fully operational July 1, 2011.

3. NAVTEX Coverage:

Canada has one NAVTEX station located at Iqaluit, Nunavut (63 43N 68 33W) which is operational on a seasonal basis and provides coverage in NAVAREA IV. (See Figure 1)

Operational Points of Contact for Iqaluit NAVTEX Station:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
Canada	867-979-5269	867-979-4264	iganordreg@innav.gc.ca

The Canadian Coast Guard has no plans to expand its NAVTEX coverage for arctic waters.

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

Operational Points of Contact for West Greenland Stations:

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
MRCC Groennedal	+299 691911	+299 691949	mrcc@glk.gl

4. Operational Issues:

All NAVAREA warnings are also broadcast on HF NBDP.

In-Force warning bulletins are issued once a week.

The in-force bulletins and the full text of all in-force warnings are available on the Web.

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
<i>XVII</i>	<i>NO</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
<i>XVIII</i>	<i>NO</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>

6. Contingency Planning:

NAVAREA XVII and XVIII became fully operational on July 1, 2011. Both NAVAREAs are operated from a single location. 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. Search and Rescue transmissions over SafetyNet are also provided from the same location, using a different satellite communications service provider, which can be used as contingency. Request for assistance from METAREAs XVII and XVIII is also an option as a contingency measure.

7. Capacity Building:

NIL

8. Other Activities:

NIL

9. NAVAREA Website:

- The Website is updated shortly after the initial broadcast of a NAVAREA warning message.
- Mariners can search Broadcast Warnings for a specific NAVAREA or both NAVAREAs and can select a broadcast period using the drop-down calendar.
- Mariners can also search a list of the In-force Bulletins.
- The Website does not display the date/time of the last update.
- Statistics are available by request only.

10. NAVAREA National Coordinator:

Manager, Marine Communications and Traffic Services (MCTS)
Canadian Coast Guard
Centennial Towers
200 Kent Street
Ottawa, Ontario K1A 0E6
Canada

Administrative Information:

Telephone: 613-990-3031
Facsimile: 613-996-8902
E-mail: mctsottawa@dfo-mpo.gc.ca

Operational Information:

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

11. Recommendations:

None

12. Actions requested:

Note the information provided.

13. Synopsis:

- The NAVAREA XVII and XVIII desk is in its second year of operation and provides 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.
- All NAVAREA messages are transmitted by HF NBDP (8416.5 Khz) twice a day, on a seasonal basis.
- Canada is conducting a radio survey of the reception coverage of its arctic NAVTEX installation.
- Greenland has established a NAVTEX service on the West Coast of Greenland.

Theoretical Reliability of Reception

Iqaluit MCTS Navtex Transmitter

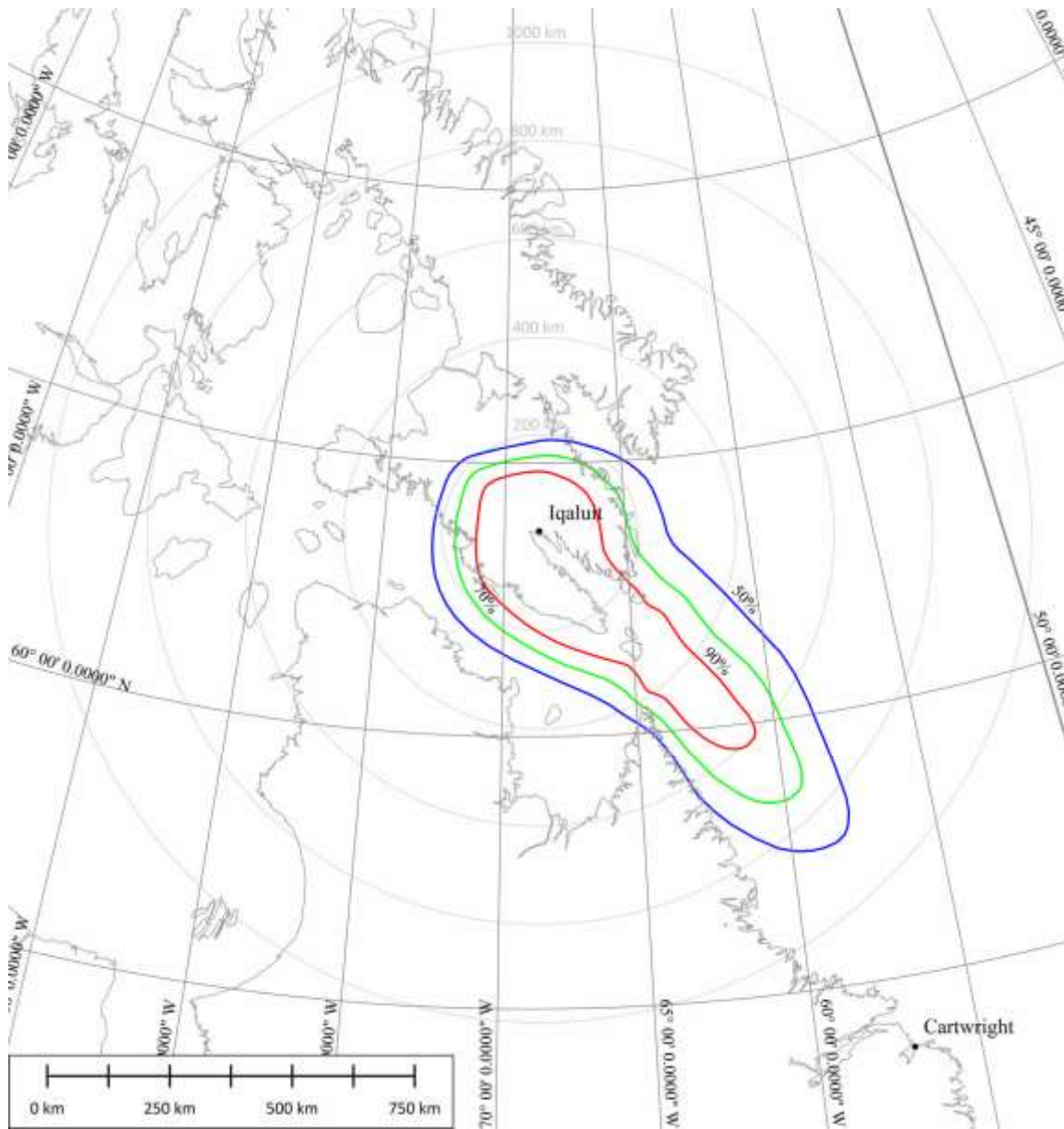


Figure 1