

**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 WWNS2

Action to be taken: Paragraph 12

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;

During the navigational season, METAREA information and NAVAREA messages applicable to the Canadian Search and Rescue Region (waters North of 70° with limits to coverage area and reliability) are also transmitted twice daily using HF Narrow Band Direct Printing (NBDP) on the 8 MHz (8416.5) MSI frequency for Arctic waters that are not covered by the INMARSAT SafetyNet service.

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

2. Comments:

	2010*	2011 (15 July)
NAVAREA XVII	113	60
NAVAREA XVIII	134	82

\* 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 limited coverage in NAVAREA XVIII (see Figure 1).

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

Denmark has two new NAVTEX stations in Greenland (see Figure 2) located at: Upernavik [I] (72 47N 56 12W) initiated “test mode” transmissions August 31<sup>st</sup>, 2011; and, Simiutag [M] (60.61N 64.35W) initiated “test mode” transmissions August 4<sup>th</sup>, 2011.

4. Operational Issues:

Nil

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	<i>NO</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
XVIII	<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 has been developed.

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

Request for assistance from METAREAs XVII and XVIII is also an option as a contingency measure.

7. Capacity Building:

Training was provided to NAVAREA desk officers by NAVAREA IV and XII staff. No other training is being planned at this time.

8. Other Activities:

Nil

9. NAVAREA Website: <http://www.ccg-gcc.gc.ca/e0004476?todo=warning>

- The website is updated within 24 hours of the issuance of the warning message.
- Mariners can search Broadcast Warnings for a specific NAVAREA or both NAVAREAs and can determine a broadcast period using the drop-down calendar.
- Mariners can also search a list of the In-force Bulletins for the current year.

- The Website does not display the date/time of the last update.
- Statistics are available by request only.

10. NAVAREA National Coordinator:

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11. Recommendations:

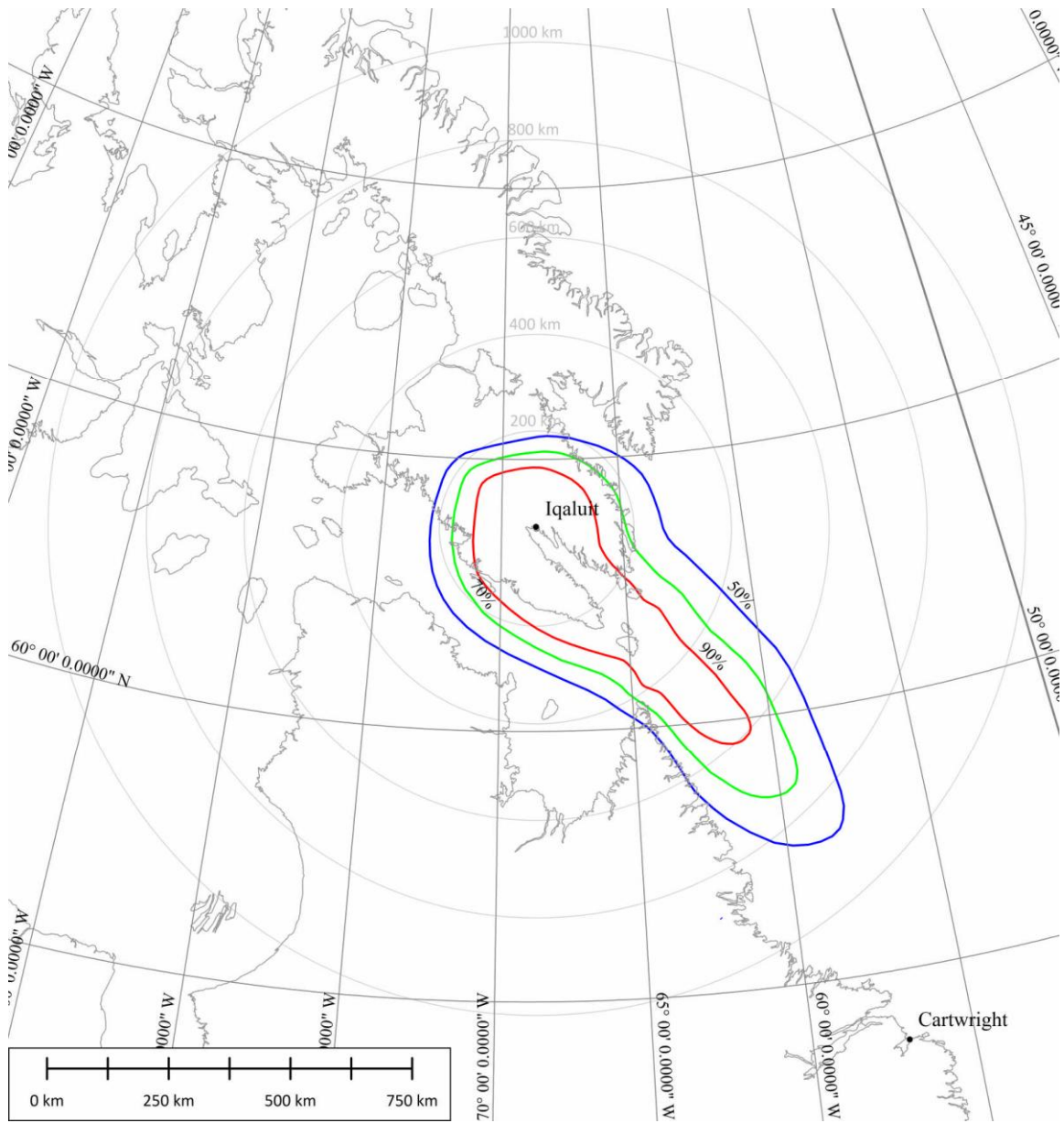
None

12. Actions requested:

Note the information provided.

12. Synopsis:

- The NAVAREA XVII and XVIII SafetyNet transmissions became fully operational on July 1<sup>st</sup>, 2011. Transmissions are sent 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.
- A business continuity plan has been developed.
- NAVAREA messages are transmitted by HF NBDP (8416.5 Khz) twice a day, on a seasonal basis.



**Figure 1**

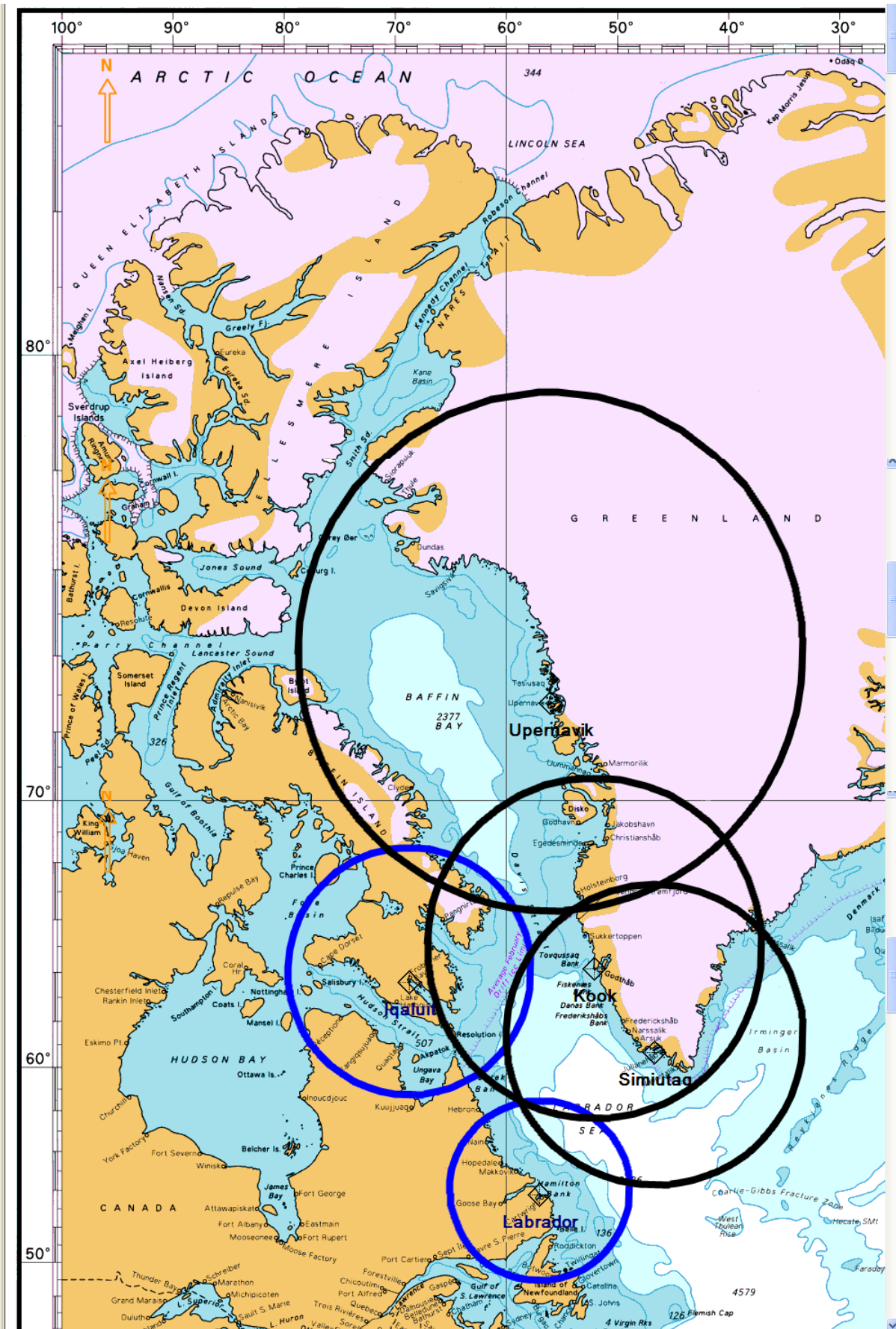


Figure 2