

MSI Self Assessment NAVAREA XI

Submitted by Japan

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since
WWNWS 5

Action to be taken: Paragraph 12

Related documents: None

1. Background:

NAVAREA XI navigational warnings are issued through the POR satellite and(or) the IOR satellite INMARSAT.

Broadcast schedules:

- (1) Routine broadcast times (UTC): 0005, 1205.
- (2) Details of transmission
 - (a) Broadcasts is made at nearest the next routine time after reception of the information and thereafter repeated at routine times each day for 6weeks.
 - (b) NAVAREA XI navigational warnings bulletin listing the numbers of inforce warnings is issued during the last 6weeks is broadcasted at 1205 UTC on every Saturday.
 - (c) Important message is broadcasted immediately and is repeated twice a day on routine time.

The area of NAVAREA XI is bounded by the lines commencing following geographical positions:

- a) On the coast (Russian-North Korean border)
- b) 42-17.5N 135-00E
- c) 45-00N 138-20E
- d) 45-00N 180-00E
- e) 00-00N 180-00E
- f) 00-00N 141-00E
- g) 10-00S 141-00E
- h) 10-00S 127-00E
- i) 12-00S 127-00E
- j) 12-00S 095-00E
- k) 06-00N 095-00E
- l) 098-00E on the coast (Myanmar-Thailand border)

Safety NET Satellite broadcast service provider: KDDI

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

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
China	+86-10-65293262	+86-10-65293269	warning@msa.gov.cn
Korea (D.P.R of)	+850 2 3818888	+850 2 3814692	mrcc.dprk@ssalink.net
Korea(R of)	+82-51-4004331~4	+82-51-4004194	ntmkhoa@korea.kr
Indonesia	+62-21-64714809,10,19	+62-21-64714809,19	infohid@dishidros.go.id
Japan	+81-3-5500-7165	+81-3-5500-7171	tuho@jodc.go.jp
Malaysia	+60-33-1694545,4400	+60-33-1013111	nhc@hydro.gov.my
Philippines	+63-2-2413494,22955	+63-2-2422090	riho@namria.gov.ph
Singapore	+65-63-751562,75,600	+65-62-759247,87646	hydrographic@mpa.gov.sg
Thailand	+66-2-613369, 4753369	+66-2-1736570	hydronav@navy.mi.th
U.S.A (Guam)	+1-301-2277407	+1-705-3396210	NAVSAFETY@nga.mil
Vietnam	+84-31-3551817,0685	+84-31-3550797	vms_office@hn.vnn.vn

2. Comments:

No changes on GMDSS Master Plan.

[Specifics of equipment used and software version with date up-dated]

Equipment Type	Software Version	Date of Up-date
Inmarsat EGC(Enhanced Group Call). Use four terminals.	Software was developed by JAPAN NUS CO. LTD.	Updated in May 2013. Addition of visual information and to deal with Windows 7 and 8.

[Specifics of information and data received]

2011				2012				2013			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
13662	2064	34	484	13391	1671	31	503	13624	1545	19	347

[Specifics of MSI within NAVAREA, include how many SafetyNET messages were promulgated over 3yr period]

NAVAREA XI 2011 - 1,012, 2012 - 850, 2013 - 912.

[Monitoring of MSI]

Messages are monitored by the EGC receiver in the NAVAREA XI operations room.

[Detail the number of NAVAREA warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time per broadcast via SafetyNET:]

2011		2012		2013	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
0		6	20.3minutes	4	27.4minuts

3. NAVTEX Coverage:

(1) International NAVTEX Service (518 kHz)

Coast Station	Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
China				
Sanya	18-17.49N 109-21.80E	250	M	0200 0600 1000 1400 1800 2200
Guangzhou	23-09.56N 113-30.80E		N	0210 0610 1010 1410 1810 2210
Fuzhou	25-59.96N 119-26.50E		O	0220 0620 1020 1420 1820 2220
Shanghai	31-06.79N 121-32.79E		Q	0240 0640 1040 1440 1840 2240
Dalian	38-50.69N 121-31.09E		R	0250 0650 1050 1450 1850 2250
Hongkong	22-12.57N 114-15.30E	400	L	0150 0550 0950 1350 1750 2150
Korea (D.P.R of)				
Pyongyang	38-59.58N 125-42.93E	200	D	0030 0430 0830 1230 1630 2030
Hamhung	39-50.00N 127-41.02E		E	0040 0440 0840 1240 1640 2040
Korea(R of)				
Jukbyeon	37-03.45N 129-25.70E	200	V	0330 0730 1130 1530 1930 2330
Byeonsan	35-35.82N 126-29.18E		W	0340 0740 1140 1540 1940 2340
Indonesia				
Jayapura	02-31.13S 140-43.30E	300	A	0000 0400 0800 1200 1600 2000
Ambon	03-41.68S 128-11.88E		B	0010 0410 0810 1210 1610 2010
Makassar	05-04.89S 119-29.83E		D	0030 0430 0830 1230 1630 2030
Jakarta	06-07.15S 106-51.78E		E	0040 0440 0840 1240 1640 2040
Japan				
Kushiro	42-57.35N 144-35.37E	400	K	0140 0540 0940 1340 1740 2140
Otaru	43-19.53N 140-26.83E		J	0130 0530 0930 1330 1730 2130
Yokohama	35-14.55N 139-55.28E		I	0120 0520 0920 1320 1720 2120
Moji	34-00.90N 130-56.10E		H	0110 0510 0910 1310 1710 2110
Naha	26-05.47N 127-40.12E		G	0100 0500 0900 1300 1700 2100
Malaysia				
Penang	05-25.58N 100-24.40E	350	U	0320 0720 1120 1520 1920 2320
Miri	04-26.42N 114-01.51E		T	0310 0710 1110 1510 1910 2310
Sandakan	05-53.85N 118-00.24E		S	0300 0700 1100 1500 1900 2300
Singapore				
Singapore	01-20.65N 103-58.35E	400	C	0020 0420 0820 1220 1620 2020
Thailand				
Bangkok	13-01.47N 100-01.20E	400	F	0050 0450 0850 1250 1650 2050
Taiwan				
Keelung	25-08N 121-45E	540	P	0630 1430 2230
Linyuan	22-29N 120-25E		P	0230 1030 1830
United States				
Guam	13-28.62N 144-50.10E	200	V	0100 0500 0900 1300 1700 2100
Vietnam				
Ho Chi Minh	10-23.67N 107-08.68E	400	X	0350 0750 1150 1550 1950 2350
Da Nang	16-03.33N 108-09.42E		K	0140 0540 0940 1340 1740 2140
Philippines				
Manila	14-30.33N 121-03.99E	320	J	0130 0530 0930 1330 1730 2130
Davao	07-07.30N 125-39.42E		R	0250 0650 1050 1450 1850 2250

(2) National NAVTEX Service (4209.5 kHz)

China Shanghai	31-06.79N 121-32.79E	250	Q	0240 0640 1040 1440 1840 2240
Viet Nam				
Hai Phong	20-51.02N 106-44.02E	N.I.	M	0200 0600 1000 1400 1800 2200
Nha Trang	12-13.33N 109-10.83E	N.I.	C	0020 0420 0820 1220 1620 2020

(3) National NAVTEX Service (490 kHz)

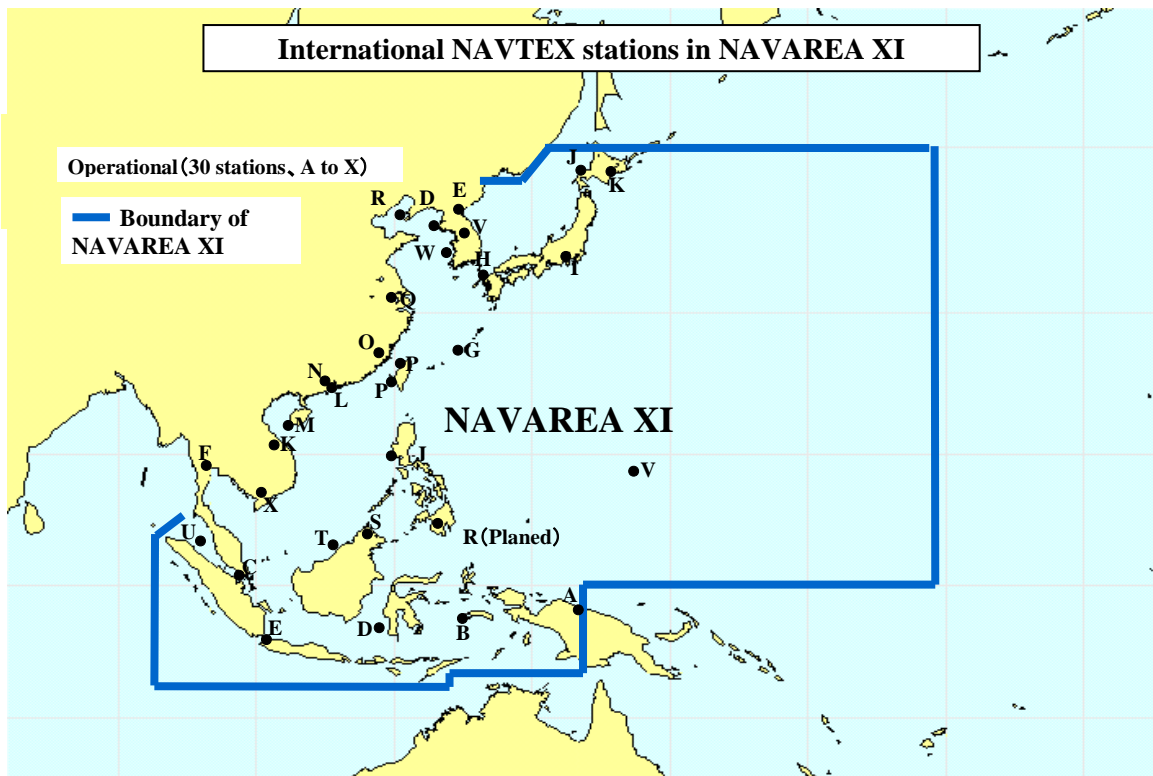
Country/Language Coast Station	Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
Korea (D.P.R of) Pyongyang Hamhung	38-59.58N 125-42.93E	200	A	0000 0400 0800 1200 1600 2000
	39-50.00N 127-41.02E		B	0010 0410 0810 1210 1610 2010
Korea (R of) / Korean Jukbyeon Byeonsan	37-03.45N 129-25.70E	200	J	0130 0530 0930 1330 1730 2130
	35-35.82N 126-29.18E		K	0140 0540 0940 1340 1740 2140
Vietnam / English Hai Phong	20-51.02N 106-44.02E	400	W	0340 1540
Philippines Puerto Princesa	09-44.36N 118-44.00E	320	I	0120 0520 0920 1320 1720 2120

(4) National NAVTEX Service (424 kHz)

Country/Language Coast Station	Frequencies Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
Japan / Japanese Kushiro Otaru Yokohama Moji Naha	42-57.35N 144-35.37E	400	K	0108 0508 0908 1308 1708 2108
	43-19.53N 140-26.83E		J	0051 0451 0851 1251 1651 2051
	35-14.55N 139-55.28E		I	0034 0434 0834 1234 1634 2034
	34-00.90N 130-56.10E		H	0017 0417 0817 1217 1617 2017
	26-05.48N 127-40.13E		G	0000 0400 0800 1200 1600 2000

(5) National NAVTEX Service (486 kHz)

China / Chinese Sanya Zhanjiang Guangzhou Fuzhou Shanghai Tianjin Dalian	18-17.49N 109-21.80E 21-09.58N 110-21.8E 23-09.56N 113-30.80E 25-59.96N 119-26.50E 31-06.79N 121-32.79E 39-02.39N 117-26.95E 38-50.69N 121-31.09E	250	M Z N O Q T R	0100 0500 0900 1300 1700 2100 0020 0420 0820 1220 1620 2020 0000 0400 0800 1200 1600 2000 0120 0520 0920 1320 1720 2120 0140 0540 0940 1340 1740 2140 0020 0420 0820 1220 1620 2020 0250 0650 1050 1450 1850 2250
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4. Operational Issues

[New infrastructure in accordance with GMDSS Master Plan; Problems encountered?]

None

[Arctic NAVAREAs XVII, XVIII, XIX, XX and XXI to report on number of messages issued by SafetyNET and HF NBDP]

None

Do you issue “In Force warnings” Bulletins?

NAVAREA XI Navigational Warnings Bulletin listing the numbers of in force warnings issued during the last 6weeks is broadcasted at 1205 UTC on every Saturday.

How do mariners find the text of your “In Force” warnings that are more than 42 days old and which are no longer broadcast?

We issue “ANNUAL EDITION OF NOTICES TO MARINERS ” on the Internet.

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>XI</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

When a trouble occurs in the system to issue navigational warnings, NAVAREA XI Co-ordinator will send a Navigational Warning message to LES(Land Earth Station) by E-mail. The operator of the LES will type the message, and broadcast it for each ship.

7. Capacity Building:

East Asia Hydrographic Commission (EAHC) plans to conduct MSI training course for EAHC Members in 2014.

8. Other Activities:

None

9. NAVAREA Website:

Web site: http://www1.kaiho.mlit.go.jp/TUHO/tuho/html/tuho/keiho_eg.html
Update as occasion demands.

Start of the provision of safety information on the map
 Notices to Mariners and Navigational Warnings had been provided in the form of characters.
 From 18 June 2014, map information are also offered.
 In order to use the map information Internet Explorer 9 or higher is required.
http://www1.kaiho.mlit.go.jp/TUHO/vpage/visualpage_en.html



10. NAVAREA Contact Information:

Notices to Mariners Office, Hydrographic and Oceanographic Department
 Japan Coast Guard
 2-5-18 Aomi, Koto-ku, Tokyo 135-0064, Japan
 Tel: +81 (3) 5500 7165
 Fax: +81 (3) 5500 7171
 E-mail: tuho@jodc.go.jp

11. Recommendations:

None

12. Actions requested:

The Sub-Committee is invited to note the report.

13. Summary:

NAVAREA XI coordinator provides the Self-Assessment report for WVNWS 6.
 Provision of safety information on the map by using the Internet was started on 18 June 2014.