

MSI Self Assessment NAVAREA XI

Submitted by Japan

SUMMARY

Executive Summary: NAVAREA XI provides the paper of MSI Self Assessment for WWNWS4

Action to be taken: Paragraph 12

Related documents: Nil

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 in force warnings 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.

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)

SafetyNET Satellite broadcast service provider: KDDI

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

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
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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)	+82-32-8800570~2	+82-32-8853088	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	rmnodc@tm.net.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	hydrotech@navy.mi.th
U.S.A (Guam)	+1-301-2277407	+1-705-3396210	rnccracken@d14.uscg.mil
Vietnam	:+84-31-3551817,0685	:+84-31-3550797	Msc1@vnn.vn

2. Comments:

GMDSS Master Plan was the last up date on February, 2011

The following table shows the number of Navigational Warnings that were transmitted on Safety NET during the past three years.

	2009	2010	2011
NAVAREA XI	879	1,006	1,012

3. NAVTEX Coverage:

(1) International NAVTEX Service

Coast Station	Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
China Sanya Guangzhou Fuzhou Shanghai Dalian	18-14N 109-30E 23-08N 113-32E 26-01N 119-18E 31-08N 121-33E 38-52N 121-31E	250	M N O Q R	0200 0600 1000 1400 1800 2200 0210 0610 1010 1410 1810 2210 0220 0620 1020 1420 1820 2220 0240 0640 1040 1440 1840 2240 0250 0650 1050 1450 1850 2250
Hongkong	22-13N 114-15E	400	L	0150 0550 0950 1350 1750 2150
Korea (D.P.R of) Pyongyang Hamhung	38-55N 125-43E 39-50N 127-42E	150	D E	0030 0430 0830 1230 1630 2030 0040 0440 0840 1240 1640 2040
Korea(R of) Jukbyeon Byeonsan	37-03N 129-26E 35-36N 126-29E	200	V W	0330 0730 1130 1530 1930 2330 0340 0740 1140 1540 1940 2340
Indonesia Jayapura Ambon Makassar Jakarta	02-31S 140-43E 03-42S 128-12E 05-06S 119-26E 06-06S 106-54E	300	A B D E	0000 0400 0800 1200 1600 2000 0010 0410 0810 1210 1610 2010 0030 0430 0830 1230 1630 2030 0040 0440 0840 1240 1640 2040
Japan Kushiro Otaru Yokohama Moji Naha	42-57N 144-36E 43-19N 140-27E 35-14N 139-55E 34-01N 130-56E 26-05N 127-40E	400	K J I H G	0140 0540 0940 1340 1740 2140 0130 0530 0930 1330 1730 2130 0120 0520 0920 1320 1720 2120 0110 0510 0910 1310 1710 2110 0100 0500 0900 1300 1700 2100
Malaysia Penang Miri	05-26N 100-24E 04-28N 114-01E	350	U T	0320 0720 1120 1520 1920 2320 0310 0710 1110 1510 1910 2310

Sandakan	05-54N 118-00E		S	0300 0700 1100 1500 1900 2300
Singapore Singapore	01-20N 103-59E	400	C	0020 0420 0820 1220 1620 2020
Thailand Bangkok	13-34N 100-39E	200	F	0050 0450 0850 1250 1650 2050
Taiwan Keelung Linyuan	25-08N 121-45E 22-29N 120-25E	540	P P	0630 1430 2230 0230 1030 1830
United States Guam	13-29N 144-50E	200	V	0100 0500 0900 1300 1700 2100
Vietnam Ho Chi Minh Da Nang	10-45N 106-43E 16-03N 108-41E	400	X K	0350 0750 1150 1550 1950 2350 0230 0630 1030 1430 1830 2230
Philippines Manila	14-30N 121-04E	320	J	0130 0530 0930 1330 1730 2130

Planned

Philippines Davao	07-07N 125-39E	320	R	0250 0650 1050 1450 1850 2250
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(2) National NAVTEX Service (490 kHz or 4209.5 kHz)

Country/Language Coast Station	Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
Korea (D.P.R of) / Korean Pyongyang Hamhung	490kHz 38-55N 125-43E 39-50N 127-42E	150	A B	0000 0400 0800 1200 1600 2000 0010 0410 0810 1210 1610 2010
Korea (R of) / Korean Jukbyeon Byeonsan	490kHz 37-03N 129-26E 35-36N 126-29E	200	J K	0130 0530 0930 1330 1730 2130 0140 0540 0940 1340 1740 2140
Vietnam / English Hai Phong	4209.5kHz 20-52N 106-41E	400	W	0340 1540

Planned

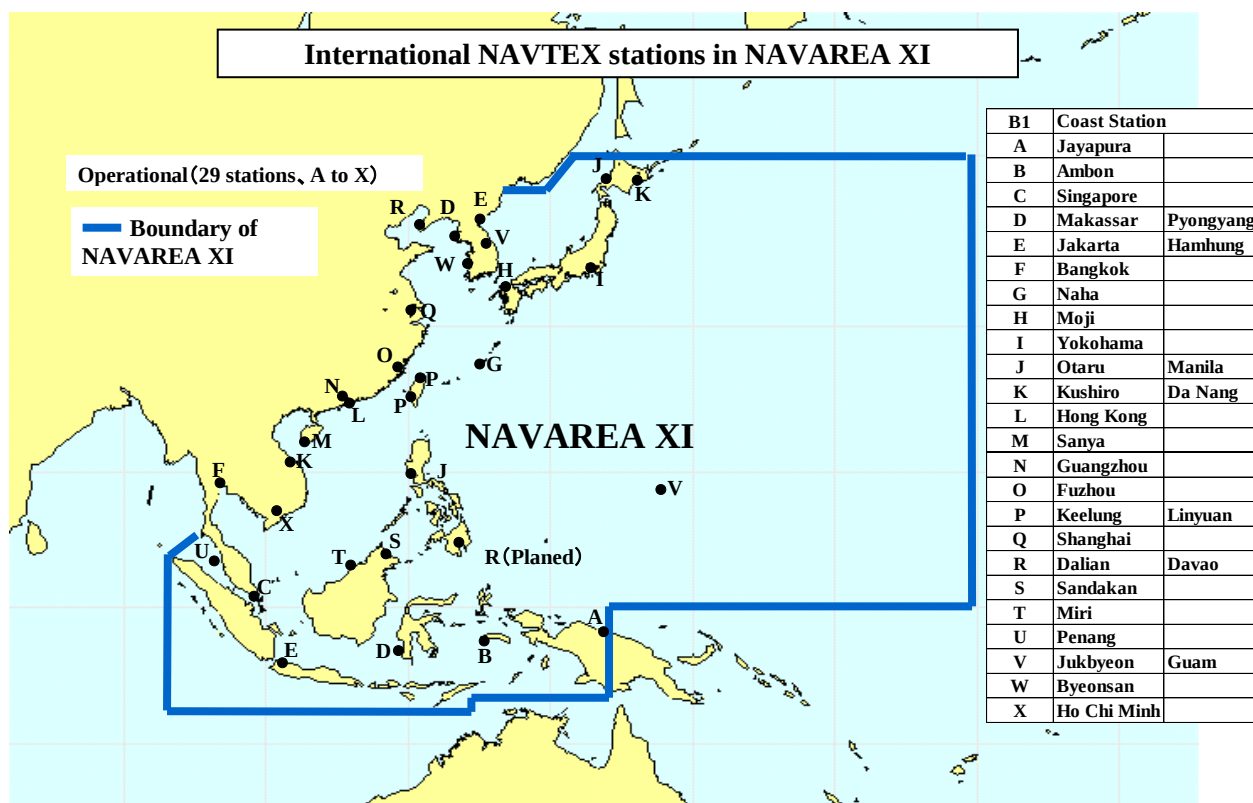
Philippines Puerto Princesa	09-44N 118-44E	320	I	0120 0520 0920 1320 1720 2120
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(3) National NAVTEX Service (Other frequencies)

Country/Language Coast Station	Frequencies Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
Japan / Japanese Kushiro Otaru Yokohama Moji Naha	424kHz 42-57N 144-36E 43-19N 140-27E 35-14N 139-55E 34-01N 130-56E 26-05N 127-40E	400	K J I H G	0108 0508 0908 1308 1708 2108 0051 0451 0851 1251 1651 2051 0034 0434 0834 1234 1634 2034 0017 0417 0817 1217 1617 2017 0000 0400 0800 1200 1600 2000

Trial Station

China / Chinese	486kHz			
Sanya	18-14N 109-30E	250	M	0100 0500 0900 1300 1700 2100
Zhanjiang	No Information		Z	0020 0420 0820 1220 1620 2020
Guangzhou	23-08N 113-32E		N	0000 0400 0800 1200 1600 2000
Fuzhou	26-01N 119-18E		O	0120 0520 0920 1320 1720 2120
Shanghai	31-08N 121-33E		Q	0140 0540 0940 1340 1740 2140
Tianjin	No Information		T	0020 0420 0820 1220 1620 2020
Dalian	38-52N 121-31E		R	0250 0650 1050 1450 1850 2250



4. Operational Issues:
None

Do you issue “In Force warnings” Bulletins?

Yes, 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 have posted the warnings “ANNUAL EDITION OF NOTICES TO MARINERS”. It can be confirmed 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
XI	NO	YES	YES	YES	YES	YES	YES

6. Contingency Planning
When a trouble occur in the system to issue navigational warnings, NAVAREA XI Co-ordinator will send a Navigational Warning message to LES(Land Earth Station) by facsimile. The operator of the LES will type the message, and broadcast it for each ship.
7. Capacity Building:
None
8. Other Activities:
None
9. NAVAREA Website:
Web site: http://www1.kaiho.mlit.go.jp/TUHO/tuho/html/tuho/keiho_eg.html
Update at any time.

JOHD started to provide navigational warnings visually on the web-map as a trial. Those are displayed automatically at the same time as issued.
URL : http://www1.kaiho.mlit.go.jp/TUHO/visualization/visualpage_en.html
10. NAVAREA Contact Information:
Japan Hydrographic and Oceanographic Department moved December, 2011
[NAVAREA XI]
Notices to Mariners Office Hydrographic and Oceanographic Department
Japan Coast Guard
2-5-18, Aomi Koto-ku TOKYO 135-0064
Tel: +81 (3) 5500 7165
Fax: +81 (3) 5500 7171
E-mail: tuho@jodc.go.jp
11. Recommendations:
None
12. Actions requested:
None
13. Summary:
NAVTEX station (Manila Philippine) started the operation officially.