

MSI Self Assessment NAVAREA XI

Submitted by Japan

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since
WWNWS 6

Action to be taken: See Paragraph 12

Related documents: None

1. Background:

NAVAREA XI is bounded by lines joining the following positions:

On the coast (Russian-D.P.R.K border),

42°17.5'N-135°00'E,

45°00'N-138°20'E,

45°00'N-180°00',

0°00'-180°00',

0°00'-141°00'E,

10°00'S-141°00'E,

10°00'S-127°00'E,

12 °00'S-127°00'E,

12°00'S-95°00'E,

6°00'N-95°00E,

Myanmar / Thailand Frontier-98°E.

SafetyNET satellite: POR and (or) the IOR,

LES : Yamaguchi

Operator: KDDI

Schedule broadcast: 0005, 1205 UTC

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

COUNTRY	TELEPHONE	FACSIMILE	EMAIL
China	+861065292325	+861065292465	warning@msa.gov.cn
D.P.R.K	+85023818888	+85023814692	mrcc.dprk@ssalink.net
R.O.K	+82514004331 ~4	+82514004194	ntmkhoa@korea.kr
Indonesia	+622164714809,10,19	+62216471480919	infohid@dishidros.go.id
Japan	+81355007165	+81355007171	tuho@jodc.go.jp jcg-tuho@navarea11.go.jp
Malaysia	+60331694545/+60331694400	+60331013111	nhc@hydro.gov.my
Philippines	+632241349422955	+6322422090	riho@namria.gov.ph

Singapore	+656375156275600	+656275924787646	hydrographic@mpa.gov.sg
Thailand	+6626133694753369	+6621736570	hydronav@navy.mi.th
U.S.A (Guam)	+13012277407	+17053396210	NAVSAFETY@nga.mil
Vietnam	+843135518170685	+84313550797	bangleminh@vms-north.vn

2. Comments:

(1) GMDSS Master Plan: No change

(2) The equipment of NAVAREA XI operations room is as follows:

Equipment Type	Software Version	Date of Up-date
Software has been developed by JAPAN NUS CO. LTD.	None	None

(3) Specifics of information and data received

2012				2013				2014			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
13391	1671	31	503	13624	1545	19	347	15313	--	--	--

(4) NAVAREA XI warning promulgated over 3yr period:

2012	2013	2014
850	912	993

(5) Monitoring of MSI: MSI messages are monitored with EGC receiver in the NAVAREA XI operation room.

(6) NAVAREA XI warnings identified as immediate priority (requiring transmission within 30 minutes):

2012		2013		2014	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
6	20.3 Min	4	27.4 Min	15	19.4 Min

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
D.P.R.K 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
R.O.K 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 Guangzhou(trial)	31-06.79N 121-32.79E 23-09.56N 113-30.80E	250 ----	Q G	0240 0640 1040 1440 1840 2240 -----
Viet Nam Hai Phong Nha Trang	20-51.02N 106-44.02E 12-13.33N 109-10.83E	N.I. N.I.	M C	0200 0600 1000 1400 1800 2200 0020 0420 0820 1220 1620 2020

(3) National NAVTEX Service (490 kHz)

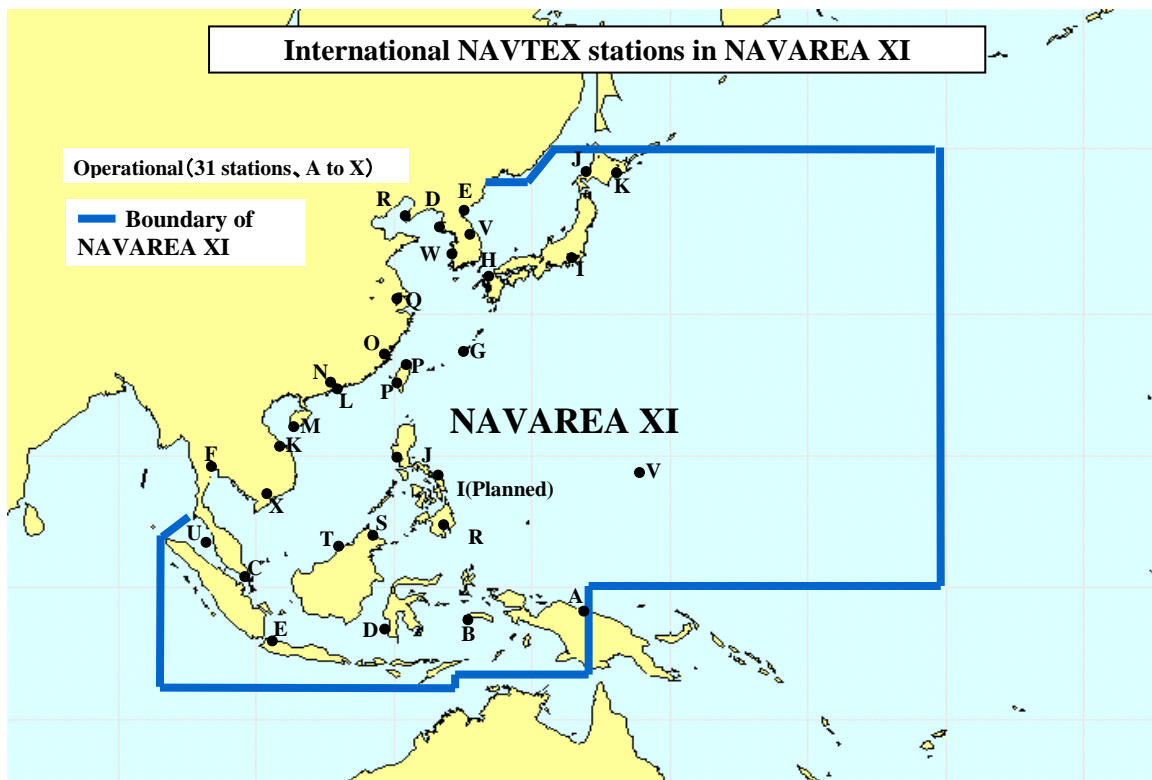
Country/Language Coast Station	Position	Coverage (Mile)	Identification Character	Transmission Time(UTC)
D.P.R.K Pyongyang Hamhung	38-59.58N 125-42.93E 39-50.00N 127-41.02E	200	A B	0000 0400 0800 1200 1600 2000 0010 0410 0810 1210 1610 2010
R.O.K / Korean Jukbyeon Byeonsan	37-03.45N 129-25.70E 35-35.82N 126-29.18E	200	J K	0130 0530 0930 1330 1730 2130 0140 0540 0940 1340 1740 2140
Vietnam / English Hai Phong Da Nang/XVT Radio Vung Tau Radio	20-51.02N 106-44.02E 16-03.33N 108-09.42E 10-23.67N 107-08.68E	400 400 400	M F V	0200 0600 1000 1400 1800 2200 0050 0450 0850 1250 1650 2050 0330 0730 1130 1530 1930 2330
Philippines (Planned) 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 43-19.53N 140-26.83E 35-14.55N 139-55.28E 34-00.90N 130-56.10E 26-05.48N 127-40.13E	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

(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

(1) Do you issue “In Force warnings” Bulletins?

NAVAREA XI Navigational Warnings Bulletin listing the numbers of “In Force warnings” issued during the past 6 weeks is broadcasted at 1205 UTC on every Saturday.

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

“ANNUAL EDITION OF NOTICES TO MARINERS” is issued 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
XI	NO	YES	YES	YES	YES	YES	YES

6. Contingency Planning

When a trouble occurs in the system to issue navigational warnings, NAVAREA XI coordinator will send a Navigational Warning message to LES (Land Earth Station) by E-mail.

The operators of the LES will type the message and broadcast it for each ship.

7. Capacity Building:

See the document WWNWS 7-5-2.

MSI training course for EAHC (East Asia Hydrographic Commission) Members was conducted on March 2015 at Japan Hydrographic and Oceanographic Department.

8. Other Activities:

New e-mail address for NAVAREA contact has become available because of reinforcement of cyber security since June 2015.

E-mail: jcg-tuho@navarea11.go.jp

Both old address (tuho@jodc.go.jp) and new one are available in order to avoid mariners' confusion.

9. NAVAREA Website:

URL: http://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11_en.html

Always updated if necessary

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

jcg-tuho@navarea11.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 after WWNWS6.

- China has operated NAVTEX station at Guangzhou on trial.

- MSI training course for EAHC members was conducted on March 2015 in Japan.

- New e-mail address for NAVAREA XI contact has become available since June 2015.