

MSI Self Assessment NAVAREA XI

Submitted by Japan

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since
WWNWS 9

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',

00°00' 180°00',

00°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,

06°00'N 95°00E,

Myanmar / Thailand Frontier-98°E.

SafetyNET satellite: POR and (or) the IOR,

LES : Yamaguchi

Note :After August 29th , it will be changed as following.

SafetyNET satellite: AMER,APAC,EMEA

LES : PAU(Paumalu),LAU(Laurentides),BRM(Burum),FUC(Fucino),PTH(Perth)

Operator: KDDI

Schedule broadcast: 0005, 1205 UTC

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

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
China	China Maritime Safety Administration	+861065292325	+861065292465	warning@msa.gov.cn

D.P.R.K	Hydrographic Department, D.P.R of Korea	+85023818888	+85023814692	mrcc.dprk@ssalink.net
R.O.K	Korea Hydrographic and Oceanographic Administration	+82514004331~4	+82514004194	ntmkhoa@korea.kr
Indonesia	DINASHIDRO- OSEANOGRAFI, Naval Headquarters	+622164714809,10, 19	+62216471480919	infohid@dishidros.go.id
Japan	JHOD(Japan Coast Guard)	+81335953647	+81335953571	tuho@jodc.go.jp jcg-tuho@navarea11.go.jp
Malaysia	Vessel Traffic Services Unit Safety of Navigation Division Marine Department Malaysia	+603 3169-5211	+603 3167-1334	hairizam@marine.gov.my
Philippines	Maritime Affairs Division Hydrography Branch-NAMRIA	+63-2-245-0295	+63-2-2422090	maritime.affairs@namria.gov.ph
Singapore	Hydrographic Department, Maritime and Port Authority of Singapore	+656375156275600	+656275924787646	hydrographic@mpa.gov.sg
Thailand	Hydrographic Department, Royal Thai Navy	+6626133694753369	+6621736570	hydronav@navy.mi.th
U.S.A (Guam)	Maritime Domain	+13012277407	+17053396210	NAVSAFETY@nga.mil
Vietnam	VMS-NORTH & SOUTH Marine Aids to Navigation And Hydrographic Department, Vietnam Maritime Safety	+843135518170685	+84313550797	bangleminh@vms-north.vn

2. Comments:

(1) GMDSS Master Plan for NAVAREA XI is up to date. [July 2018 (GMDSS.1/Ciec.21)]

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

Equipment Type	Software Version	Date of Up-date
None (To LES with e-mail)	None	None

(3) NAVAREA XI warning promulgated over 3 year period:

2015	2016	2017
992	752	848

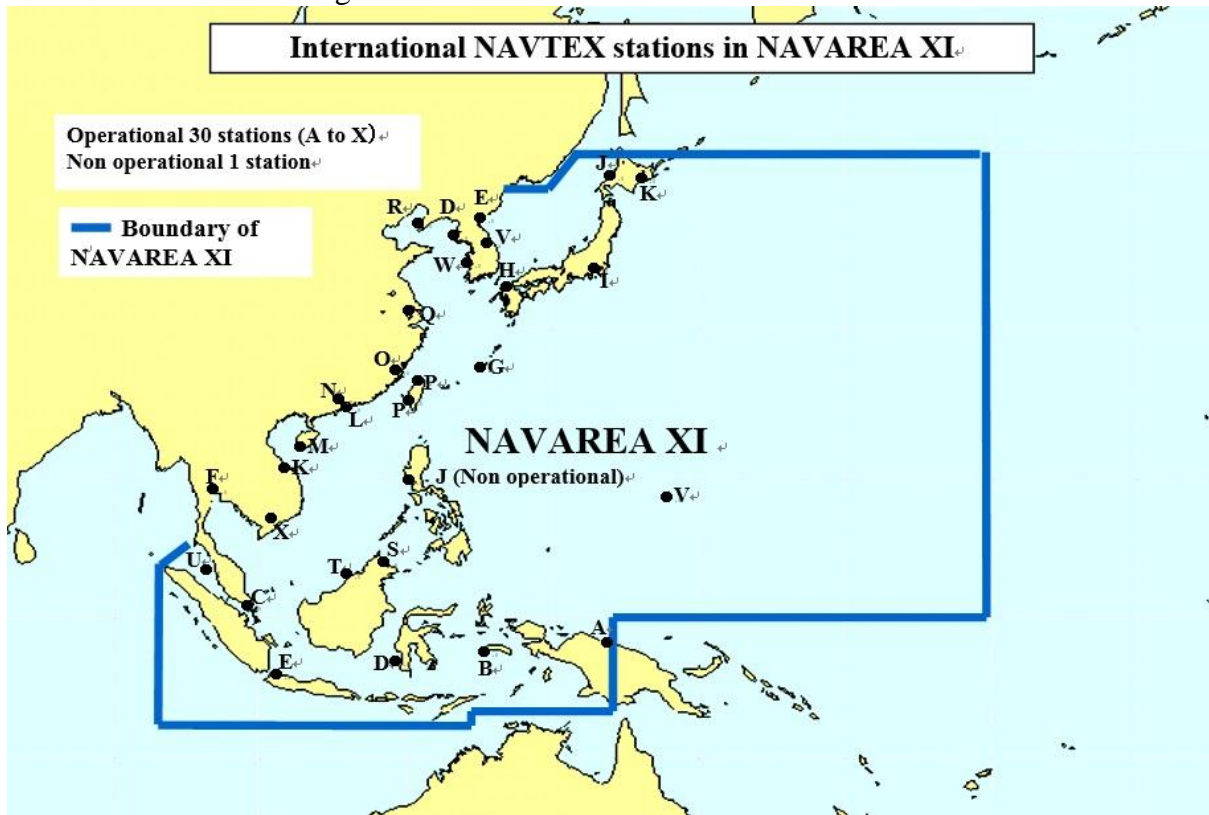
(4) NAVAREA XI warning identified as immediate priority(requiring transmission within 30 minutes):

2015		2016		2017	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
13	26.9 Min	21	24.5 Min	36	18.0 Min

(5) Specifics of requests for list of in-force navigations warnings

2015		2016		2017	
Total	E-mail	Total	E-mail	Total	E-mail
1498	1498	1627	1627	1952	1952

3. NAVTEX Coverage:



COUNTRY	STATION	TELEPHONE	FACSIMILE	EMAIL	OPERATIONAL STATUS
China	Sanya	+86 898 88272063	+86 898 88257841		Operational
	Guangzhou	+86 20 84102403	+86 20 84428954		Operational
	Fuzhou	+86 591 83680690	+86 591 83680690		Operational
	Shanghai	+86 21 58555840	+86 21 58556478		Operational
	Dalian	+86 411 82623096	+86 411 82626051		Operational
	Hong Kong, China	+852 22337999	+852 25417714		Operational
D.P.R of Korea	Pyongyang	-	-		Operational
	Hamhung	-	-		Operational
Indonesia	Jayapura	+62 967 541122	+62 967 541630		Operational
	Ambon	+62 911 352 11	+62 911 341571		Operational
	Makassar	+62 441 319282	+62 441 322886		Operational
	Jakarta	+62 21 8812287	-		Operational
Japan	Kushiro	+81 3 3591 9000	+81 3 3591 8701	jcg-navtex@mlit.go.jp	Operational
	Otaru	+81 3 3591 9000	+81 3 3591 8701	jcg-navtex@mlit.go.jp	Operational
	Yokohama	+81 3 3591 9000	+81 3 3591 8701	jcg-navtex@mlit.go.jp	Operational
	Moji	+81 3 3591 9000	+81 3 3591 8701	jcg-navtex@mlit.go.jp	Operational
	Naha	+81 3 3591 9000	+81 3 3591 8701	jcg-navtex@mlit.go.jp	Operational

Malaysia	Penang	+60 3 31695211	+60 3 31671334	hairizam@marine.gov.my	Operational
	Miri	+60 82 484 018	-	wz@jls.gov.my	Operational
	Sandakan	088-401-110	-	Azman.latif@marine.gov.my	Operational
Philippines	Manila	-	-		No Operational
Republic of Korea	Jukbyeon	+82 32 8352195	+82 32 8352895	korea_navtex@kcg.go.kr	Operational
	Byeonsan	-	-		Operational
Singapore	Singapore POCC	+65 62265539	+65 62279971	pcc@mpa.gov.sg	Operational
Thailand	Bangkok Radio	+66 2 4022001	+66 2 4022000		Operational
U.S.A.	Guam	+1 671 355 4910	+1 671 355 4831		Operational
Viet Nam	Ho Chi Minh Radio	+81 31 3842066	+81 31 3842979		Operational
	Da Nang Radio	+84 511 365264	+84 511 3650177		Operational

The current situation of Manila NAVTEX Station(Philippines) which is not in operation for a long time is as follows.

There are no problems with both operation rooms and transmission stations, but high-rise buildings are built up between the two facilities, so it is no longer possible to send and receive information by microwave.

Therefore, it has been difficult to broadcast the Navigational Warnings by NAVTEX.

As an alternative, Navigational Warnings are broadcasted by VHF or HF.

In order to recover the function, the department in charge has already been working for facility renovation.

Last year, it was expected that it will recover within 1 year at the earliest.

4. Operational Issues:

None

5. Quality Management Survey

NAVAREA	ISO 9001 - 2008	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast	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 Mobile Earth Stations.

NAVAREA XI coordinator conducted annual contingency exercise on 25th of June.

The exercise details is as following.

Disconnect all normal lines in operation room of NW.

Make an e-mail about NW.
 Set up mobile internet line, and send the e-mail.
 Confirm that the e-mail arrived in LES.
 Connect all normal lines.
 Test all normal lines.

7. Capacity Building:

Coastal State /Country	Regional Conference on WNWs Oct. 2010 Tokyo	MSI Course for EAHC Members Mar. 2015 Tokyo
China	○	○
D.P.R.K	—	—
R.O.K	○	○
Indonesia	○	○
Malaysia	○	○
Philippines	○	○
Singapore	○	○
Thailand	○	—
U.S.A (Guam)	—	—
Vietnam	○	○

MSI training will be implemented in Indonesia this or next year in order to further improve the communication between MSI within NAVAREA XI.
 NAVAREA XI coordinator understanding the need to have wider dissemination beyond own national waters. Then NAVAREA XI coordinator is planning to visit national coordinators in each coastal states to improve their awareness of MSI provision.

8. Other Activities

- (1) The NAVAREA XI coordinator attended EAHC-SC on 6th-8th Mar.
- (2) NAVAREA XI was requested that engage with national coordinators to clarify need for MSI to be promulgated beyond national borders. NAVAREA XI conducted a survey of coastal states through the Ministry of Foreign Affairs to investigate whether MSI is being generated by coastal states and to whom it is being transmitted and how.

9. NAVAREA Website:

URL: http://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11_en.html
 Always updated when NWs were issued or cancelled.
 The date and time of the last update is not displayed.

10. NAVAREA Contact Information:

Notices to Mariners Office,
 Hydrographic and Oceanographic Department
 Japan Coast Guard
 3-1-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8932, Japan
 Tel: +81 (0)3 3595 3571
 Fax: +81 (0)3 3595 3647

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

11. Recommendations:

Nil

12. Actions requested:

To note this SA.

13. Summary:

There was no serious accident caused by wrong NW or lack of necessary NW in NAVAREA XI .