

MSI Self Assessment NAVAREA XI

Submitted by JAPAN

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since
WWNWS 10

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: 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 Agency	+82514004331~4	+82514004194	ntmkhoa@korea.kr
Indonesia	DINASHIDRO-	+622164714809,10,	+62216471480919	infohid@dishidros.go.id

	OSEANOGRAFI, Naval Headquarters	19		
Indonesia	Directorate General of sea transportation	+62213811308	+62213811786	nanditya.wardhana@ymail. com
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	+632241349422955	+6322422090	maritime.affairs@namria.g ov.ph
Singapore	Hydrographic Department, Maritime and Port Authority of Singapore	+656375156275600	+656275924787646	hydrographic@mpa.gov.sg
Singapore	Singapore MRCC	+65-62265539	+65-62279971	pocc@mpa.gov.sg
Thailand	Hydrographic Department, Royal Thai Navy	+6626133694753369	+6621736570	hydronav@navy.mi.th navinfo.hydro@gmail.com
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/Circ.22)]

(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 3yr period:

2016	2017	2018
752	848	680

(4) Inmarsat satellite NAVAREA XI broadcast: APAC

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

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
21	24.5 Min	36	18.0 Min	2	98.5Min

(6) Iridium certificate:

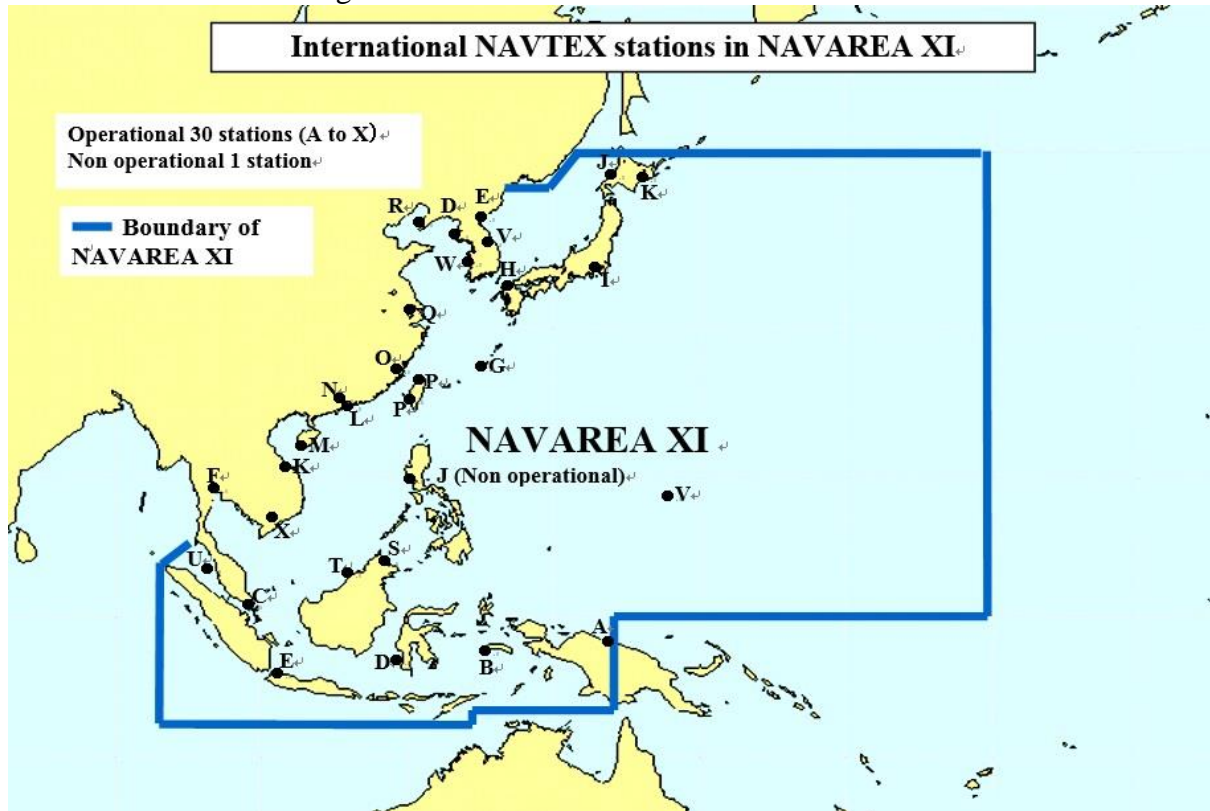
NAVAREA XI coordinator do not obtain iridium certificate yet.

NAVAREA XI coordinator is considering about acquisition of iridium certificate.
System operation commence schedule is not decided.

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

2016		2017		2018	
Total	E-mail	Total	E-mail	Total	E-mail
1627	1627	1952	1952	2062	2062

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	disnavjayapura@yahoo.co.id	Operational
	Ambon	+62 911 352 11	+62 911 341571	disnavambon@outlook.com	Operational
	Makassar	+62 441 319282	+62 441 322886	disnav_kelas1_mks@yahoo.co.id	Operational
	Jakarta	+62 21 8812287	+622143930070	disnav~tgpriok@gmail.com	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	+82547502000	+82 32 8352895	korea_navtex@kcg.go.kr	Operational
	Byeonsan	+82639282000	-		Operational
Singapore	Singapore POCC	+65 62265539	+65 62279971	pcc@mpa.gov.sg	Operational
Thailand	Bangkok Radio	+66 24757077	+66 21736570	navinfo.hydro@gmail.com	Operational
U.S.A.	Guam	+1 671 355 4910	+1 671 355 4831		No Operational
Viet Nam	Ho Chi Minh Radio	+84 225 3822332 +84 225 3746464	+84 225 3747062	vnrcsnet_total@vishipel.com.vn tienhoang@vishipel.com.vn	Operational
	Da Nang Radio	+84 225 3822332 +84 225 3746464	+84 225 3747062	vnrcsnet_total@vishipel.com.vn tienhoang@vishipel.com.vn	Operational

Manila NAVTEX station:

The current situation of Manila NAVTEX Station (Philippine) 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.

NAVAREA XI coordinator contacted the Philippine authorities, but no information received about restoration for the NAVTEX station.

Guam NAVTEX station:

The Guam NAVTEX station has been out of operation since July 2018.

NAVAREA XI coordinator contacted the United States authorities, but no information received about restoration for the NAVTEX station.

4. Operational Issues:

(1) Typical topic of MSI received from coastal states within NAVAREA XI :

None

(2) New infrastructure in according with GMDSS master plan:

There is no particular problem.

(3) “In Force warnings” Bulletins:

NAVAREA XI Warnings Bulletin listing the numbers of “In Force warnings” issued during the past 42 days is broadcasted at 1205 UTC on every Saturday.

- (4) How to find the text of “in force” NAVAREA XI navigational warning:
 Mariners would be find the text of “in force NAVAREA XI navigational warning” that are more than 42 days old, by sending e-mail to NAVAREA XI coordinator.

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
<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 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 September this 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) NAVAREA XI coordinator participated as follows:

EAHC conference, Malaysia, 18th-20th September 2018

EAHC chart and hydrography committee, Thailand, 28th-29th November 2018

EAHC-steering committee meeting, Indonesia, 20th -22th February 2019

EAHC chart and hydrography committee, Singapore, 25th-28th June 2019

(2) NAVAREA XI coordinator visited each national coordinator and interviewed about the operational status of each countries as follows. As a result, NAVAREA XI coordinator and each national coordinator greatly developed mutual cooperative relationship.

Marine Department Malaysia, September 2018

Royal Thai Navy Hydrographic Department, November 2018

Directorate General of sea transportation, Indonesia, February 2019

9. NAVAREA Website:

URL: https://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:

None

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.