

MSI Self Assessment NAVAREA XI

Submitted by Japan

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since
WWNWS 12

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: APAC

LES(Land Earth Station) : Yamaguchi

Operator: KDDI

Schedule broadcast: 0005, 1205 UTC

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

COUNTRY	NAME	TELEPHONE	EMAIL
Timor Leste	Instituto De Defensa Nacional	+670 331 0376	idn@idn.tl rdtindi@gmail.com
Brunei Darussalam	Maritime and Port Authority Brunei Darussalam	+673-2771347-56	private.secretary@mpabd.gov.bn

Cambodia	Department of Waterway Infrastructure and Port Construction	+85-512628356	sophornna_r@yahoo.co.uk
China	China Maritime Safety Administration	+86-10-65293262	warning@msa.gov.cn
Democratic People's Republic of Korea	Hydrographic Department, D.P.R of Korea	+850-2-3815929	jagang@star-co.ne.kp
Guam	Maritime Domain United States Coast Guard	+1-202-475-3551	navsafty@nga.mil
Indonesia	Nautical Division Indonesia Naval Hydrographic and Oceanographic Centre (Pushidrosal)	+62-21-64714809,10,19	infohid@pushidrosal.id
	Directorate General of Sea Transportation	+62-21-3811308	telekomunikasi.pelayaran@gmail.com telkompel.ditnav@dephub.go.id
Japan	Hydrographic and Oceanographic Department / Japan Coast Guard	+81-3-3595-3644	jcg-tuho@navarea11.go.jp
Kiribati	Ministry of Information, Communications, Transport and Tourism Development	+686-73022727	eritaia.turo@micttd.gov.ki
Malaysia	Marine Department Malaysia, Aids to Navigation and Traffic Management Division, Vessel Traffic Service Unit	+60-33-169-5211	hairizam@marine.gov.my
Marshall Islands	RMI Ports Authority	+692-625-8269	tmaddison37@gmail.com
Micronesia (Federated States of)	Department of Transportation, Communications & Infrastructure, Marine Division	+691 320 2865	tci@tci.gov.fm
Palau	Division of Port State and Navigation Bureau of Maritime Transportation	+680775-5575	dot@palaunet.com
Philippines	Hydrography Branch, National Mapping and Resource Information Authority	+632-8241-3494	maritime.affairs@namria.gov.ph
Republic of Korea	Korea Hydrographic and Oceanographic Agency	+82-51-4004331~4	ntmkhoa@korea.kr

Singapore	Singapore MRCC, Maritime and Port Authority of Singapore	+65-62265539	pocc@mpa.gov.sg
Thailand	Hydrographic Department, Royal Thai Navy	+66-2-361336	hydrotech@navy.mi.th
Viet Nam	Marine Aids to Navigation and Hydrographic Department, Vietnam Maritime Safety - North,South	+84-31-3551817, 0685	bangleminh@vms-north.vn

2. Comments:

(1) No new update on GMDSS Master Plan.

(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:

2018	2019	2020
680	718	518

(4) Inmarsat satellite NAVAREA XI broadcast:
APAC

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

2018		2019		2020	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
2	98.5Min	26	13.4Min	6	In a minute

(6) Iridium certificate:

NAVAREA XI coordinator have obtained an EGC certificate, selected an agency, and are currently working on budget requests and technical reviews for modifications to our system.

NAVAREA XI coordinator expect to begin test in the near future by web interface and to be fully operational after modification of our system by the end of 2022.

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

2018		2019		2020	
Total	E-mail	Total	E-mail	Total	E-mail
2062	2062	1864	1864	1646	1646

3. NAVTEX Coverage:



COUNTRY	STATION	TELEPHONE	FACSIMILE	EMAIL	OPERATIONAL STATUS
China	Sanya	+86 898 88272063	+86 898 88257841	yjfyhk@nhhb.org.cn	Operational
	Guangzhou	+86 20 84102403	+86 20 84428954	gzxsq@gzrdo.com	Operational
	Fuzhou	+86 591 83680690	+86 591 83680690		Operational
	Shanghai	+86 21 58555840	+86 21 58556478	zhangzhenhong@shadt.com	Operational
	Dalian	+86 411 82623096	+86 411 82626051	13942603016@163.com	Operational
	Hong Kong, China	+852 22337999	+852 25417714		Operational
D.P.R of Korea	Pyongyang	+850-2-3815929	+850 2 3814692		Operational
	Hamhung	+850-2-3815929	+850 2 3814692		Operational
Indonesia	Jayapura	+62-967-533834 +62-967-534609	+62-967-533834	disnavjayapura@yahoo.co.id	Operational
	Ambon	+62-911-248771	+62-911-348772	disnavambon@outlook.com	Operational
	Makassar	+62-411-3620987 +62-411-3627505	+62-411-3620987	disnav_kelas1_mks@yahoo.co.id	Operational
	Jakarta	+62-21-43930070	+62-21-43930534	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	+603-3169-5211	+60-3 3167-1334	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	+632-532-3983	-	cgwceiss.operation@coastguard.gov.ph	Operational

				cgwceisc.operation@coastguard.gov.ph	
Republic of Korea	Jukbyeon	+82547502000	+82 32 8352895	korea_navtex@kcg.go.kr	Operational
	Byeonsan	+82639282000	-		Operational
Singapore	Singapore POCC	+65-6226-5539	+65-6227-9971	pocc@mpa.gov.sg	Operational
Thailand	Bangkok Radio	+66 24757077	+66 21736570	navinfo.hydro@gmail.com	Operational
U.S.A.	Guam	+1-671-355-4828		Michael.J.Wolz@uscg.mil	* 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

*** Guam NAVTEX station (United States):**

The current status of Guam NAVTEX station. Which is not in operation since July 2018 as follows.

Guam NAVTEX station will continue to operate on its backup frequency of 4209.5kHz for the foreseeable future.

There is not a timeline to return to broadcasting on 518kHz.

4. Operational Issues:

(1) Typical topic of MSI received from coastal states within NAVAREA XI : NAVAREA XI coordinator had received 1770 messages from coastal states within NAVAREA XI and sent 156 NAVAREA warnings from the messages, for example, gunnery exercises, AtN, rocket launches, and Covid 19, in 2020.

(2) New infrastructure in accordance 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	Certificates for all recognised service providers	IMO Master Plan updated
XI	[NO]	[YES]	[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 by E-mail. The operators of the LES will type the message and broadcast it for Mobile Earth Stations. NAVAREA XI coordinator have conducted annual contingency exercise. The exercise details are 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	MSI Course for EAHC Members Sep. 2019 Jakarta
China	○	○	○
D.P.R.K	—	—	—
R.O.K	○	○	○
Indonesia	○	○	○
Malaysia	○	○	○
Philippines	○	○	○
Singapore	○	○	—
Thailand	○	—	○
U.S.A (Guam)	—	—	○
Vietnam	○	○	○
Brunei Darussalam	—	—	○
Palau	—	—	○
Rep. Marshall Island	—	—	○

8. Other Activities:

(1) NAVAREA XI coordinator participated as follows:
 SWPHC18 subcommittee, Virtual Teleconference, February 2021
 With this conference as the opportunity, the contact between NAVAREA XI coordinator and Kiribati have become closer, and useful information come to be delivered from Kiribati to NAVAREA XI coordinator.
 S124PT2, Virtual Teleconference, June 2021

(2) NAVAREA XI coordinator had organised meetings about new NAVTEX stations as follows:
 Thailand, Virtual Teleconference, May 2021
 Brunei Darussalam, Virtual Teleconference, May 2021

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 3647
Fax: +81 (0)3 3595 3571
E-mail: keiho@jodc.go.jp
jcg-tuho@navareal1.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.

Annex(es):

A. Self Assessment Spreadsheet (multiple state NAVAREAs only)