

MSI Assessment for NAVAREA XI

Reporting period from 1st Jan 2021 to 31th December 2021

Submitted by Japan

SUMMARY

Executive Summary: Overview of activities undertaken within NAVAREA XI since WWNWS 13

Action to be taken: See Paragraph 12

Related documents: None

1. General information:

1.1. Geographic Boundaries of the NAVAREA including boundaries for any coastal warning Areas and NAVTEX Stations



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.

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

COUNTRY	NAME	TELEPHONE	EMAIL
Brunei Darussalam	Maritime and Port Authority Burunei Darussalam	+673-2771347-56	private.secretary@mpabd.gov.bn
Cambodia	Departmet of Waterway Infrastructure and Port Construction	+85-512628356	sophornna_r@yahoo.co.uk
China	China Maritime Safety Administration	+86-411-65292299	warning@msa.gov.cn
Democratic People's Republic of Korea	Hydrographic Department, D.P.R of Korea	+850-2-3815929	mrcc.dprk@star-co.ne.kp
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	+686-73022727	eritaia.tauro@mict.gov.ki
Malaysia	MarineDepartment Malaysia/Traffic Management & Aids to Navigation Division/ Vessel Traffic Service Unit	+603-33-467-687	bptbp@marine.gov.my mhisham@marine.gov.my

Malaysia	National Hydrographic Center, Royal Malaysian Navy	+603-31-694-400	nhc@hydro.gov.my khairul4849@navy.mil.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	+680488-4224	dot@palaunet.com
Philippines	Hydrography Branch, National Mapping and Resource Information Authority	+632-8245-0295	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
Timor Leste	Instituto De Defensa Nacional	+670 331 0376	militarytechnicalcooperation@gmail.com
Thailand	Hydrographic Department, Royal Thai Navy	+66-2475-2271	hydrotechhdrtn@gmail.com
U.S.A(Guam)	Maritime Domain United States Coast Guard	+1-202-475-3551	navsafty@nga.mil
Viet Nam	Marine Aids to Navigation and Hydrographic Department, Vietnam Maritime Safety - North,South	+84-31-3551817, 0685	vcrsnet_total@vishipei.com.vn

1.3. GMDSS Master Plan: NAVAREA XI coordinator, Japan, started its trial operation of Iridium Safety Cast since Sep. 2021.

2. NAVAREA EGC broadcast and monitoring equipment or software:

2.1. Details of EGC services:

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

Broadcast Equipment/Software	Broad cast schedule/Satellite	Manufacturer/Location (LES)/Implementation
SafetyNET I	0005 and 1205 UTC	Inmarsat (Operational)
Iridium SafetyCast	0005 and 1205 UTC	Iridium (Under trial)

2.2. NAVTEX:

COUNTRY	STATION	TELEPHONE	FACSIMILE	EMAIL	OPERETIONAL STATUS
China	Sanya	+86 898 68626066	+86 898 68626066	yjfyhk@nhhb.org.cn	Operational
	Guangzhou	+86 20 84102403	+86 20 84428954	gzrdoxsq@163.net	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	+852 22337999	+852 25417714	-	Operational
D.P.R of Korea	Pyongyang	+850-2-3818111	+850 2 3814410	mrcc.dprk@star-co.net.kp	Operational
	Hamhung	+850-2-3815929	+850 2 3814629	mrcc.dprk@star-co.net.kp	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	mhisham@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@coastguard.gov.ph cgwceisc.operation@coastguard.gov.ph	Operational
Republic of Korea	Jukbyeon	+82547502000	+82 32 8352895	korea_navtex@kcg.go.kr	Operational
	Byeonsan	+82639282000	-	-	Operational
Singapore	Singapore POC	+65-6226-5539	+65-6227-9971	pocc@mpa.gov.sg	Operational
Thailand	Phetchaburi	+66 2956 7025 +66 2104 7030	+66 2104 7404	bangkokradio@nc.ntplc.co.th	Operational
U.S.A.	Guam	+1-202-475-3551	+1-671-355-4831	Gilbert.t.paulino@uscg.mil	Non operational

Viet Nam	Ho Chi Minh Radio	+84-225-3822332 +84-225-3746464	+84-225-3747062	vncrsnet_total@vishipel.com.vn tienhoang@vishipel.com.vn	Operational
	Da Nang Radio	+84-225-3822332 +84-225-3746464	+84-225-3747062	vncrsnet_total@vishipel.com.vn tienhoang@vishipel.com.vn	Operational

2.3. Other methods of promulgation: None

3. NAVAREA Metrics

3.1. Coastal Warnings issued by International NAVTEX or EGC coastal warning area:

				<i>2021</i>	
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	Total number of warnings broadcast	Number of warnings broadcast with vital (NAVTEX)
China	Sanya	M	0200 0600 1000 1400 1800 2200	-	-
	Guangzhou	N	0210 0610 1010 1410 1810 2210	-	-
	Fuzhou	O	0220 0620 1020 1420 1820 2220	-	-
	Shanghai	Q	0240 0640 1040 1440 1840 2240	-	-
	Dalian	R	0250 0650 1050 1450 1850 2250	-	-
	Hong Kong, China	L	0150 0550 0950 1350 1750 2150	-	-

Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	2021	
				Total number of warnings broadcast	Number of warnings broadcast with vital (NAVTEX)
D.P.R of Korea	Pyongyang	D	0030 0430 0830 1230 1630 2030	672	-
	Hamhung	E	0040 0440 0840 1240 1640 2040	560	-
Indonesia	Jayapura	A	0000 0400 0800 1200 1600 2000	-	-
	Ambon	B	0010 0410 0810 1210 1610 2010	-	-
	Makassar	D	0030 0430 0830 1230 1630 2030	-	-
	Jakarta	E	0040 0440 0840 1240 1640 2040	-	-

				<i>2021</i>	
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	Total number of warnings broadcast	Number of warnings broadcast with urgent priority vital (NAVTEX)
Japan	Kushiro	K	0140 0540 0940 1340 1740 2140	372	11
	Otaru	J	0130 0530 0930 1330 1730 2130	328	13
	Yokohama	I	0120 0520 0920 1320 1720 2120	554	14
	Moji	H	0110 0510 0910 1310 1710 2110	882	14
	Naha	G	0100 0500 0900 1300 1700 2100	671	10

				<i>2021</i>	
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	Total number of warnings broadcast	Number of warnings broadcast with vital (NAVTEX)
Malaysia	Penang	U	0320 0720 1120 1520 1920 2320	908	-
	Miri	T	0310 0710 1110 1510 1910 2310	145	-
	Sandakan	S	0300 0700 1100 1500 1900 2300	14	-
Philippines	Manila	J	0130 0530 0930 1330 1730 2130	-	-

				<i>2021</i>	
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	Total number of warnings broadcast	Number of warnings broadcast with vital (NAVTEX)
Republic of Korea	Jukbyeon	V	0330 0730 1130 1530 1930 2330	-	-
	Byeonsan	W	0340 0740 1140 1540 1940 2340	-	-
Singapore	Singapore MRCC	C	0020 0420 0820 1220 1620 2020	24722	-

				2021	
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC	Total number of warnings broadcast	Number of warnings broadcast with vital (NAVTEX)
Thailand	Phetchaburi	F	0050 0450 0850 1250 1650 2050	81	-
U.S.A.	Guam	V (Inoperative)	0330 0730 1130 1530 1930 2330	- (Non operational)	-
Viet Nam	Ho Chi Minh Radio	X	0350 0750 1550 2350	315	-
	Da Nang Radio	K	0540 0940 1740 2140	426	-

3.2. NAVAREA Warnings broadcasts:

Provider	2019		2020		2021	
	Total number of warnings issued	Total number of warnings broadcast, including repetitions	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions
<i>SafetyNetI</i>	718	12237	518	9226	428	7791
<i>SafetyCast</i>	-	-	-	-	28	28

3.3. Urgent EGC Warnings: 10

3.4. VITAL Coastal Warnings : 21 (Japan only)

3.5. In-force warnings.

3.5.1. In-force bulletins issued:

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. We send in-force bulletins by e-mail when mariners request or they can find our

Navigational Warnings on our website.

3.5.2. Requests for In-force warnings:

2019	2020	2021
Total	Total	Total
1864	1646	1298

4. Operational Issues:

Typical topic of MSI received from coastal states within NAVAREA XI :
NAVAREA XI coordinator issue Navigational Warning based on Operation Manual of NAVAREA XI Warning.

No particular problem has been found.

5. National Co-ordinator Communication:

- (1) We have good relationships with memberstates in the region.
- (2) We use e-mail and Teleconference to communicate.

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 Navigational Warning.
- Make an e-mail about Navigational Warning.
- 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	—	—	○
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8. Other Activities:

- (1) NAVAREA XI coordinator participated as follows:
SWPHC19 subcommittee, Virtual Teleconference, Feb 2022.
- (2) NAVAREA XI coordinator had organised meetings about new NAVTEX stations as follows:
Virtual Teleconference with Thailand May 2022.
Virtual Teleconference with Brunei Darussalam Aug 2022.

9. NAVAREA Website:

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

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@navarea11.go.jp

11. Recommendations: None

12. Actions requested: None