

### MSI Assessment for NAVAREA XI

*Reporting period from 1<sup>st</sup> Jan 2023 to 31<sup>st</sup> December 2023*

Submitted by Japan

#### SUMMARY

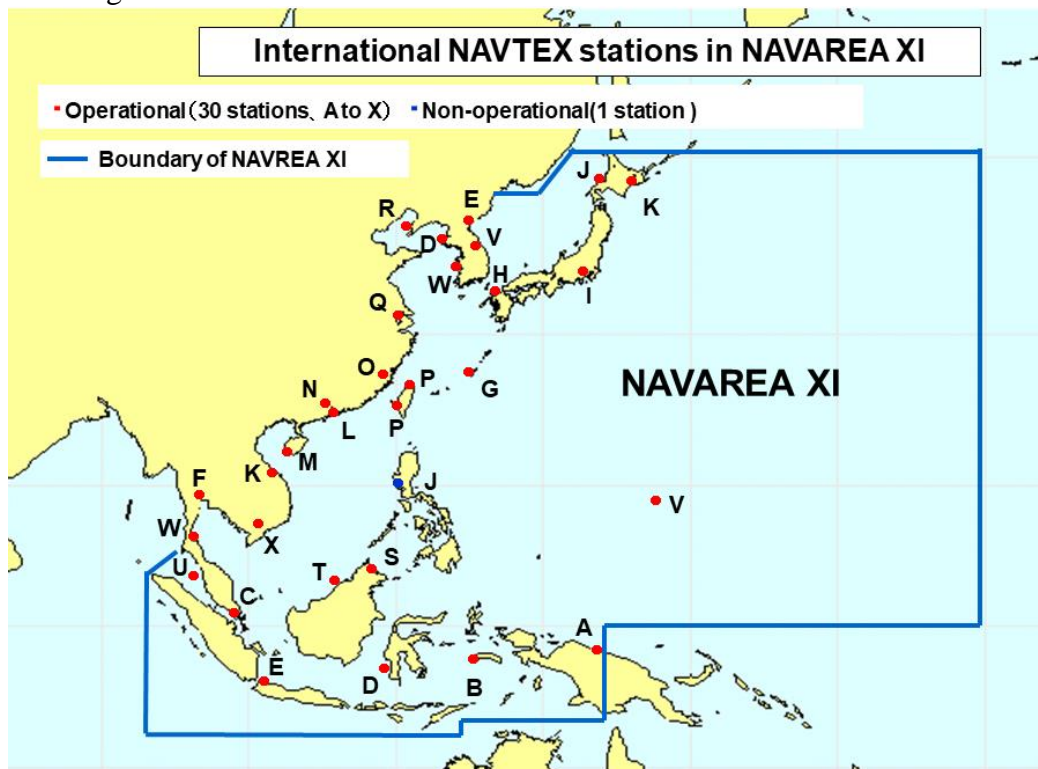
Executive Summary: Overview of activities undertaken within NAVAREA XI in 2023

Action to be taken: The Sub-Committee is invited to note this report.

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. of Korea border),

42° 17.5' N 135° 00.0' E,

45° 00.0' N 138° 20.0' E,

45° 00.0' N 180° 00.0' ,

00° 00.0' 180° 00.0' ,

00° 00.0' 141° 00.0' E,

10° 00.0' S 141° 00.0' E,

10° 00.0' S 127° 00.0' E,

12° 00.0' S 127° 00.0' E,

12° 00.0' S 95° 00.0' E,

06° 00.0' N 95° 00.0' E,

Myanmar / Thailand Frontier-98°E.

1.2. Operational Points of Contact for National Co-ordinators within the NAVAREA changes since WNWNS15 are listed in bold text.

COUNTRY	INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Brunei Darussalam	Maritime and Port Authority of Brunei Darussalam	<b>+673 8206289</b> <b>+673 8250289</b>	<b>+673 2770293</b>	<b>vessel.traffic@mpabd.gov.bn</b>
Cambodia	Ministry of Public Work and Transport	+855 12 628356		sophornna_r@yahoo.co.uk
China	Maritime Safety Administration of China	+86 10 65292325	+86 10 65292465	warning@msa.gov.cn
Democratic People's Republic of Korea	<b>Hydrographic Department</b>	<b>+850 2381 5929</b>		<b>jakang@star-co.net.kp</b>
Indonesia	<b>Directorate General of Sea Transportation, Directorate of navigation, Maritime coordination Centre</b>	<b>+62 85 216221177</b>		<b>msi@kemenhub.go.id</b>
Japan	Hydrographic and Oceanographic Department Japan Coast Guard	+81 3 3595 3644	+81 3 3595 3571	jcg-tuho@navarea11.go.jp
Kiribati	Ministry of Information, Communications	+686 74026003 +686 73022727		eritaia.tauro@mict.gov.ki

	and Transport/ Marine Division			
Malaysia	Malaysia Marine Department /Traffic Management & Aids to Navigation Division/ Vessel Traffic Unit	<b>+60 3 3162 9797</b>		mmcc@marine.gov.my  <b>burhanuddin@marine.gov.my</b>
Marshall Islands	RMI Ports Authority	+692 625 8269	+692 625 4269	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 (NAMRIA)	+63 2 82450295	+63 2 82422090	maritime.affairs@namria.gov. ph
Republic of Korea	Korea Hydrographic and Oceanographic Agency	+82 51 4004331~4	+82 51 400 4349	ntmkhoa@korea.kr
Singapore	Singapore MRCC, Maritime and Port Authority of Singapore	+65 62265539	+65 62279971	pocc@mpa.gov.sg
Timor Leste	Institution De Defence National	+670 331 0376		militarytechnicalcooperation@ gmail.com
Thailand	Hydrographic Department, Royal Thai Navy	+66 2475 2271		hydrotechhdrtn@gmail.com
USA (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		
	Head of international cooperation and Maritime Pilot Management Department, Southern Vietnam Maritime Safety corporation	<b>+84 064 3854457</b>		<b>office@vms-south.vn</b>

### 1.3. GMDSS Master Plan:

The updates on the IMO GISIS database are as follows.

– China

The relocation of Shanghai NAVTEX station (518 kHz, 486 kHz and 4209.5 kHz) and some changes including languages used for NAVTEX were reflected. Also, editorial mistakes of the B1 characters for the national NAVTEX stations (486kHz) were also corrected in the IMO GISIS database based on the actual operation. China also informed neighbouring administrations of those changes to seek comments as required by the NAVTEX manual.

– Vietnam

The coverage areas for two international NAVTEX stations (K), (X) and two national NAVTEX stations (F), (V) in Vietnam were changed from 400NM to 250NM. NAVAREA XI coordinator requested Vietnam to inform neighbouring administrations of those updates based on the NAVTEX manual.

## 2. NAVAREA EGC broadcast and monitoring equipment or software:

### 2.1. Details of EGC services:

<b>Broadcast Equipment/Software</b>	<b>Broad cast schedule/Satellite</b>	<b>Manufacturer/Location (LES)/Implementation</b>
SafetyNET I	0005 and 1205 UTC	Inmarsat (Operational)
Iridium SafetyCast	0005 and 1205 UTC	Iridium (Operational)
<b>Monitoring Equipment/Software</b>		<b>Manufacturer/Software</b>
JRC JUE-87		Inmarsat
Iridium SafetyCast		Iridium

## 2.2. NAVTEX:

<b>B<sub>1</sub> 518 kHz</b>	<b>B<sub>1</sub> 490 kHz</b>	<b>NAVTEX Station</b>	<b>Email</b>	<b>Telephone</b>	<b>Status</b>
M		Sanya, China	yjfyhk@nhhb.org.cn	+86 898 68626066	Operational
N		Guangzhou, China	gzrdoxsq@163.net	+86 20 84102403	Operational
O		Fuzhou, China	fztzxz @126.com	+86 591 83680690	Operational
Q		Shanghai, China	xsg@shhadt.com	+86 21 58555840	Operational
R		Dalian, China	13942603016@163.com	+86 411 82623096	Operational
-		Tianjin, China			Operational
-		Zhanjiang, China			Operational
L		Hong Kong, China		+852 22337999	Operational
D	A	Pyongyang, DPR Korea	mrcc.dprk@star-co.net.kp		Operational
E	B	Hamhung, DPR Korea			Operational
A		Jayapura, Indonesia	msi@kemenhub.go.id	+62 85 216221177	Operational
B		Ambon, Indonesia	msi@kemenhub.go.id	+62 85 216221177	Operational
D		Makassar, Indonesia	msi@kemenhub.go.id	+62 85 216221177	Operational
E		Jakarta, Indonesia	msi@kemenhub.go.id	+62 85 216221177	Operational
K		Kushiro, Japan	jcg-navtex@mlit.go.jp	+81 3 3591 9000	Operational
J		Otaru, Japan	jcg-navtex@mlit.go.jp	+81 3 3591 9000	Operational
I		Yokohama, Japan	jcg-navtex@mlit.go.jp	+81 3 3591 9000	Operational
H		Moji, Japan	jcg-navtex@mlit.go.jp	+81 3 3591 9000	Operational
G		Naha, Japan	jcg-navtex@mlit.go.jp	+81 3 3591 9000	Operational
S		Sandakan, Malaysia	bptbp_labuan@marine.gov.my	+60 87 403 511	Operational

T		Miri, Malaysia	hidrografi@marine.gov.my	+60 82 438 314	Operational
U		Penang, Malaysia	mmcc@marine.gov.my	+60 3 3162 9797	Operational
J		Manila, Philippines	hcgwceiss.operation@coastguard.gov.ph cgwceiss@coastguard.gov.ph	+63 2 85273877	Non-Operational *1
V	J	Jukbyeon, Republic of Korea	korea_navtex@kcg.gov.kr	+82 547502000	Operational
W	K	Byeonsan, Republic of Korea	korea_navtex@kcg.gov.kr-	+82 639282000	Operational
C		Singapore POCC, Singapore	pocc@mpa.gov.sg	+65 6226 5539	Operational
F	S	Phetchaburi, Thailand	bangkokradio@ntplc.co.th bangkokradio@outlook.com	+66 2104 7030 +66 81 352 0799	Operational
W	O	Donsak, Thailand	bangkokradio@ntplc.co.th bangkokradio@outlook.com	+66 2104 7030 +66 81 352 0799	Operational
V		Guam, U.S.A	Gilbert.t.paulino@uscg.mil	+1 202 475 3551	Operational
X		Ho Chi Minh Radio, Viet Nam	vnrcsnet_total@vishipel.com.vn nhson@vishipel.com.vn	+84 225 3746464	Operational
K	F	Da Nang Radio, Viet Nam	vnrcsnet_total@vishipel.com.vn nhson@vishipel.com.vn	+84 225 3746464	Operational
	V	Vung Tau Radio, Viet Nam	vnrcsnet_total@vishipel.com.vn nhson@vishipel.com.vn	+84 225 3746464	Operational

### 2.3. Other methods of promulgation:

China (Tianjin, Guangzhou, Shanghai) and Malaysia are using HF NBDP.

Some coordinators provide MSI website, email, SNS and coastal VHF stations.

## 3. NAVAREA Metrics

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

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\*<sup>1</sup> Ongoing rehabilitation until 2025.

				2023			
Country	NAVTEX station name	B1 Character or Coastal Warning Area	Broadcast schedule times UTC (only for EGC)	Total number of warnings broadcast	Number of warnings broadcast with a vital priority (NAVTEX) or urgent priority (EGC)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
China	Sanya	M	-				
China	Guangzhou	N	-				
China	Fuzhou	O	-				
China	Shanghai	Q	-				
China	Dalian	R	-				
China	Hong Kong	L	-				
D.P.R of Korea	Pyongyang	D	-	33	3	366	40
D.P.R of Korea	Hamhung	E	-	30	3	300	28
Indonesia	Jayapura	A	-				
Indonesia	Ambon	B	-				
Indonesia	Makassar	D	-				
Indonesia	Jakarta	E	-				
Japan	Kushiro	K	-	311	58	11374	6.8
Japan	Otaru	J	-	334	56	7592	4.5
Japan	Yokohama	I	-	454	58	13350	8.2
Japan	Moji	H	-	896	56	19310	10.6
Japan	Naha	G	-	669	56	16298	10.0
Malaysia	Sandakan	S	-	54	-	3681	2.6
Malaysia	Miri	T	-	261	-	1566	356
Malaysia	Penang	U	-	15	66	443	0.3
Philippines	Manila	J	-	0*2	0	0	0
Republic of Korea	Jukbyeon	V	-				
Republic of Korea	Byeonsan	W	-				
Singapore	Singapore POCC	C	-	910	245	43640	N/A
Thailand	Phetchaburi	F	-	49	0	3480	N/A
Thailand	Donsak	W	-	39	0	3667	N/A
USA	Guam	V					
Viet Nam	Ho Chi Minh	X	-	315	0	1713	N/A
Viet Nam	Da Nang	K	-	411	0	2567	N/A

				1 <sup>st</sup> Jan – 30 <sup>th</sup> Jun 2024			
Country	NAVTEX station name	B1 Character or Coastal	Broadcast schedule times	Total number of	Number of warnings broadcast with	Total number of warnings broadcast,	Broadcast data in megabytes

\*2 Ongoing rehabilitation until 2025.

		Warning Area	UTC (only for EGC)	warnings broadcast	a vital priority (NAVTEX) or urgent priority (EGC)	including repetitions	
China	Sanya	M	-				
China	Guangzhou	N	-				
China	Fuzhou	O	-				
China	Shanghai	Q	-				
China	Dalian	R	-				
China	Hong Kong	L	-				
D.P.R of Korea	Pyongyang	D	-	15	1	138	20
D.P.R of Korea	Hamhung	E	-	14	1	130	15
Indonesia	Jayapura	A	-				
Indonesia	Ambon	B	-				
Indonesia	Makassar	D	-				
Indonesia	Jakarta	E	-				
Japan	Kushiro	K	-	213	18	966	3.9
Japan	Otaru	J	-	245	23	939	3.3
Japan	Yokohama	I	-	314	20	1395	4.6
Japan	Moji	H	-	473	24	1365	5.0
Japan	Naha	G	-	305	18	1193	4.7
Malaysia	Sandakan	S	-	36	11	3681	2.6
Malaysia	Miri	T	-	71	0	426	0.3
Malaysia	Penang	U	-	15	66	443	0.3
Philippines	Manila	J	-	0	0	0	0
Republic of Korea	Jukbyeon	V	-				
Republic of Korea	Byeonsan	W	-				
Singapore	Singapore POCC	C	-	955	286	24920	N/A
Thailand	Phetchaburi	F	-	-	0	-	-
Thailand	Donsak	W	-	-	0	-	-
U.S.A	Guam	V	-				
Viet Nam	Ho Chi Minh	X	-	156	0	903	N/A
Viet Nam	Da Nang	K	-	182	0	1202	N/A



### 3.2. NAVAREA Warnings broadcasts:

Provider	2022			2023			1 <sup>st</sup> Jan – 30 <sup>th</sup> Jun 2024		
	Total number of warnings issued	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
SafetyNet	479	5873	14.7	451	6018	15.0	342	5747	14.3
SafetyCast	479	5873	14.7	451	6018	15.0	342	5747	14.3

3.3. Urgent EGC Warnings: 51  
information on Tsunami and missile launch

3.4. VITAL Coastal Warnings:

Japan : 62

Malaysia : 239

3.5. In-force warnings.

3.5.1. In-force bulletins issued:

NAVAREA XI Warning Bulletin listing the number of “In-force Warnings”, which were issued during the past 6 weeks, is broadcasted at 1205 UTC on every Saturday. Mariners can find our Navigational Warning on the website for 24/7, while NAVAREA XI coordinator sends in-force bulletins by email when mariners request.

3.5.2. Requests for In-force warnings:

2022	2023	1 <sup>st</sup> Jan – 30 <sup>th</sup> Jun 2024
Total	Total	Total
943	718	287

4. Operational Issues:

NAVTEX station (J), Manila Philippines has suspended since November 2023 for repair, and the suspension will continue until October 2025.

5. National Co-ordinator Communication:

5.1. IRCC Strategic Performance Indicator:

We have good relationship with members in the region.

5.2. Procedures

NAVAREA XI coordinator obtains information from countries in the region via email and the Web etc.

6. Contingency Planning:

NAVAREA XI coordinator has a redundant procedure to send Navigational Warning messages to the Land Earth Station (LES) in an emergency. NAVAREA XI coordinator has also been conducting annual exercises for staff to confirm that the procedure functions appropriately.

7. S-124 Navigational Warnings Development:

NAVAREA XI coordinator keeps an eye on and contributes discussions on S-124 in the IHO and IMO to deal with the latest trend in a timely manner.

8. Capacity Building:

[Event]

- Malaysia: Virtual remote MSI Training by NAVAREA XI Coordinator, March 2024
- Cambodia: Technical support visit by NAVAREA XI Coordinator, [TBD]

[Information]

- Cambodia requested NAVAREA XI coordinator to provide support for the establishment of International and National NAVTEX stations in Cambodian Coastal Area.
- The Philippines is interested in participating in IHO/IMO MSI Training Courses and S-124 related capacity building/meetings.
- Kiribati requires capacity building because no capacity building has been performed since 2017.
- Brunei is seeking advice in building a NAVTEX station and requesting relevant trainings.

9. Other Activities:

- Participation in:
  - MSC108, May 2024
  - NCSR11, June 2024
- Plans for establishing new NAVTEX stations in Brunei, Malaysia, and The Philippines (in Davao).

10. NAVAREA Website:

URL: [https://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11\\_en.html](https://www1.kaiho.mlit.go.jp/TUHO/keiho/navarea11_en.html)

The website has been updated at any time.

11. 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 3 3595 3647  
Fax: +81 3 3595 3571  
E-mail: [jcg-tuho@navarea11.go.jp](mailto:jcg-tuho@navarea11.go.jp)  
[keiho@jodc.go.jp](mailto:keiho@jodc.go.jp)

12. Recommendations:

None

13. Actions requested:

The Sub-Committee is invited to note this report.

14. Summary:

The NAVAREA XI Deputy Coordinator provided a report on NAVAREA activities in the reporting period since WWNWS15. He highlighted activities on NAVTEX stations and needs of capacity building in the region.

Annex:

A. Self-Assessment Spreadsheet