

MSI Assessment for NAVAREA VIII
Reporting period from 1st Jan 2022 to 31st Dec 2022
Submitted by India

SUMMARY

Executive Summary: Overview of activities within NAVAREA VIII since WWNWS 14

Related documents: None

1. **General information:**

1.1. **Geographic boundaries:**

(a) NAVAREA VIII is bounded by the following coordinates:-

12° 00'N, 51° 00'E (North East Coastline of Somalia)

12° 00'N, 63° 00'E

23° 48'N, 68° 05'E (India/Pakistan Frontier)

and

10° 30'S, 40° 30'E (East Coast of Tanzania)

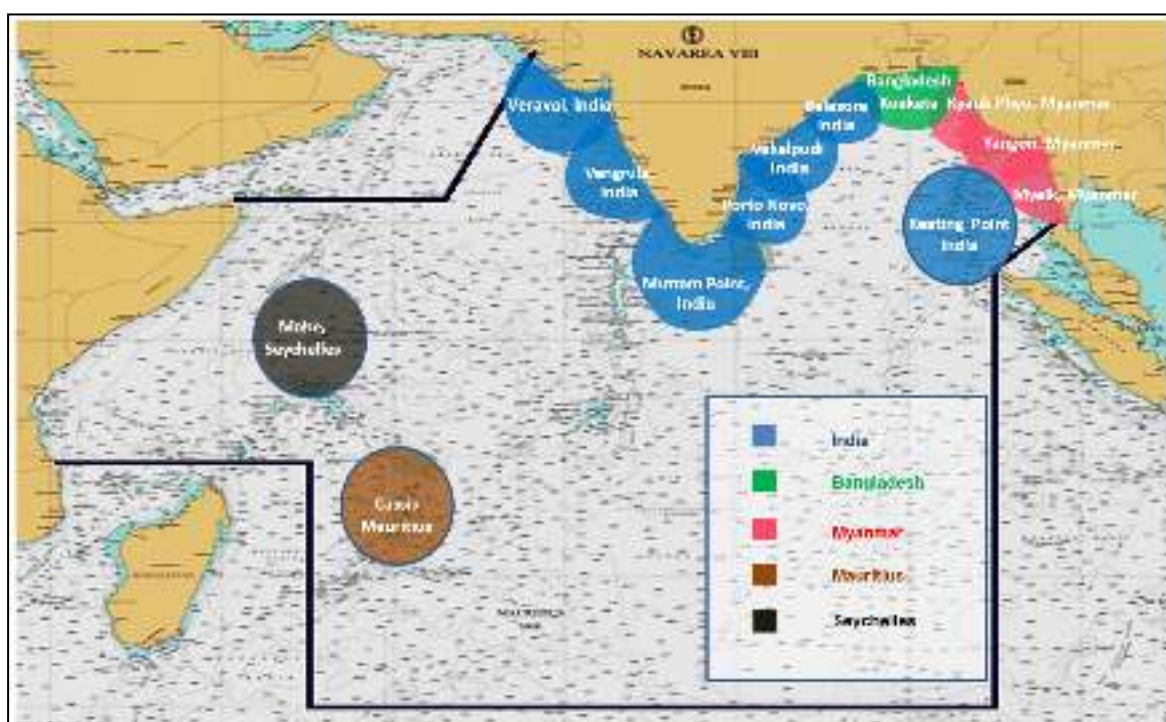
10° 30'S, 55° 00'E

30° 00'S, 55° 00'E

30° 00'S, 95° 00'E

06° 00'N, 95° 00'E

10° 00'N, 98° 30'E (Myanmar/Thailand Frontier)



- (b) Scheduled Broadcast of NAVAREA Warnings at 1000 and 2200 UTC. Urgent warnings are broadcasted as occasion demands.
- (c) Scheduled Broadcast of Meteorological Warnings at 0900 and 1800 UTC for North of equator

1.2 **Operational points of contact for National Co-ordinators within NAVAREA.**

COUNTRY	TELEPHONE	EMAIL
Bangladesh	+880-29553584	cns@dos.gov.bd mrccdhk@navy.mil.bd bnhoc@navy.mil.bd
Kenya	+254-737719414 +254-721368313	rmrcc@kma.go.ke
Maldives	+960-3395981 +960-3398898 +960-9931082	mrcc@mndf.gov.mv
Mauritius	+230-2110839 +230-2085950 +230-2033194	oic_hydrounit@govmu.org
Myanmar	+95-31-31872 +95-31-31873 +95-31-31669	naval.hydro.centre@gmail.com
Reunion Island	+262-262907932	cellmer.emia@fazsoi.defense.gouv.fr lareunion.mrcc@developpement-durable.gouv.fr
Seychelles	+248-4224866	dg@smsa.sc seychellesnavtex@smsa.sc
Somalia	No data available	
Sri Lanka	+94-11-2445368	nhqdn@yahoo.com mrcccolombo@gmail.com
Tanzania	+255-222129325 +255-222129326 +255-222129327	mrccdar@sumatra.or.tz ken.chimwejo@sumatra.or.tz

1.3 **GMDSS Master Plan:** Nil

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

2.1 **Details of EGC services:** NAVAREA VIII is broadcasting all appropriate warnings through INMARSATs SafetyNet I service. The transmission of NAVAREA messages through Iridium SafetyCast is under trials.

<u>Broadcast Software</u>	<u>Equipment/</u>	<u>Broadcast schedule/ Satellite</u>	<u>Manufacturer/ (LES)/ Implementation</u>	<u>Location</u>
INMARSAT SafetyNet I		2200-2230 UTC	BSNL, Ghaziabad	
		1000-1030 UTC		
Iridium SafetyCast		2200-2230 UTC	Iridium SafetyCast- Under trials till 31 Dec 22; Operational since 01 Jan 23.	
		1000-1030 UTC		

2.2 **NAVTEX:**

B₁ 518 kHz	B₁ 490 kHz	Station	Position	Tel	Schedule	Range NM	Status
	H	Veraval, India	20°54'N 70°21'E	+91-22- 22751049	0010,0510,0910, 1310,1710,2110	250	Operational
	J	Vengrula Point, India	15°51'N 73°37'E	+91-22- 22751049	0130,0530,0930, 1330,1730,2130	250	Operational
	L	Muttam Point, India	08°07'N, 77°19'E	+91-22- 22751049	0150,0550,0950, 1350,1750,2150	250	Operational
	O	Porto Novo, India	11°30'N, 79°46'E	+91-22- 22751049	0220,0620,1020, 1420,1820,2220	250	Operational
	Q	Vakalpudi, India	17°00'N, 82°17'E	+91-22- 22751049	0240,0640,1040, 1440,1840,2240	250	Operational
	S	Balasore, India	21°29'N, 86°55'E	+91-22- 22751049	0300,0700,1100, 1500,1900,2300	250	Operational
	V	Keating Point, India	09°15'N, 92°46'E	+91-22- 22751049	0330,0730,1130, 1530,1930,2330	250	Operational
C		Cassis, Mauritius	20°10'S, 57°28'E	+230- 2085950	0020,0420,0820, 1220,1620,2020	400	Operational
T		Mahe, Seychelles	04°39'S, 55°28'E	+248- 2224411	0310,0710,1110, 1510,1910,2310	400	Operational

	M	Mahe, Seychelles			0200,0600,1000, 1400,1800,2200	400	Operational	
	V	Kuakata Bangladesh	21°49.9'N, 90°08.25'E	+880- 29553584	0330,0730,1130, 1530,1930,2330	-	-	
D		Kuakata Bangladesh			0030,0430,0830, 1230,1630,2030.	-	-	
	Q	Yangon (Myanmar)	16°42.65'N, 96°17.29'E	+956- 73407712	0240,0640,1040, 1440,1840,2440,	-	-	
	R	Myeik (Myanmar)			12°25.57'N, 98°35.95'E	0100,0500,0900, 1300,1700,2100	-	-
G		Myeik (Myanmar)						
I		Kyauk Phyu (Myanmar)			19°17.03'N, 93°31.55'E	0120,0520,0920, 1320,1720,2120	-	-

3. NAVTEX Metrics:

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

2021							
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 urgent priority (EGC) or vital (NAVTEX)	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
INDIA	Veraval	H	0010,0510,0910, 1310,1710,2110	94	NIL	-	-
	Vengrula Point	J	0130,0530,0930, 1330,1730,2130	30	NIL	-	-
	Muttam Point	L	0150,0550,0950, 1350,1750,2150	32	NIL	-	-
	Porto Novo	O	0220,0620,1020, 1420,1820,2220	26	NIL	-	-
	Vakalpudi	Q	0240,0640,1040, 1440,1840,2240	91	NIL	-	-
	Balasore	S	0300,0700,1100, 1500,1900,2300	NIL	NIL	-	-
	Keating Point	V	0330,0730,1130, 1530,1930,2330	NIL	NIL	-	-

3.2 **NAVAREA Warnings broadcasts:**

	2021			2022			2023		
Provider	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	Total number of warnings broadcast	Total number of warnings broadcast, including repetitions	Broadcast data in megabytes
Safety Net (I)	907	20694	20.69	1062	22732	22.02	714	18212	18.07
Safety Cast (I)	-	-	-	-	-	-	714	18212	18.07

3.3 **Urgent EGC Warnings:** Nil

3.4 **Vital Coastal Warnings:** Nil

3.5 **In-force warnings:**

3.5.1 In-force bulletins issued: “In-force warnings” that are more than 42 days old are available on website www.hydrobharat.gov.in.

3.5.2 In-force warnings:

2021	2022	2023
Total	Total	Total
18	21	39

3.6 Arctic navigational warnings broadcast by HF NBDP: Nil

4. **Operational Issues:** Nil

(a) Details of MSI information received from Coastal States/ Countries:-

<u>Coastal State/ Countries</u>	<u>Number of Messages</u>
Australia	01
Bangladesh	01
Maldives	01
Mauritius	01
Myanmar	08
Pakistan	Nil
Sri Lanka	08
Kenya	01
United States (SpaceX)	11
Reunion	01
China (By Japan)	12

(b) "Inforce warnings" bulletin is issued on every Friday via SafetyNet and also published on website (www.hydrobharat.gov.in). A weekly summary of all NAVAREA warnings Inforce is also forwarded to adjacent NAVAREA Coordinators and National Coordinators.

(c) The text of all "In force NAVAREA VIII warnings" that are more than 42 days old and which are no longer been broadcast are available on website (www.hydrobharat.gov.in). They are also published in the Fortnightly Notices to Mariners.

5. **National Co-ordinator Communication:**

5.1 **IRCC Strategic Performance Indicator:** Yes, NAVAREA VIII has successfully communicated with the coastal states within its NAVAREA and has achieved 91% target (Except with Somalia as E-mail id/ telephonic details are not available.)

5.2 **Procedures:** Communications were established via E-mail/VTC during the period for this report.

6. **Contingency Planning:** In case of failure of Naval Chart Depot (Mumbai), Primary Transmitting station; National Hydrographic Office (Dehradun) Secondary Transmitting station takes over the duties. Both the offices are geographically separated and receive all MSI information addressed to NAVAREA VIII.

7. **Capacity Building:** Regular training on MSI for Cat 'A' Officers are being conducted by the National Hydrographic Office, India.

8. **Other Activities:** Nil.

9. **NAVAREA Website:**

(a) www.hydrobharat.gov.in is the official website of NAVAREA VIII.

(b) All NAVAREA VIII warnings in-force are available on NHO website. The website is updated every day.

(c) Yes, the last updated date is displayed on the website.

10. **NAVAREA Contact Information:**

The Chief Hydrographer to the Govt. of India
for Commander of Hydrography(Maritime Safety Information Services)
National Hydrographic Office,
107-A, Rajpur Road, Dehradun, Uttarakhand
India - 248001
Tel : +91-135-2746290-95, +91-22-22752038,
Fax : +91-135-2748373, +91-22-22752038,

Web : www.hydrobharat.gov.in

Email : ncdm-inho@navy.gov.in; msis-inho@navy.gov.in; inoh@navy.gov.in

11. **Recommendations:** Nil
12. **Action requested:** The subcommittee is invited to note the report.
13. **Summary:** The NAVAREA VIII self-assessment report highlights MSI activities for the period 2022-23. India is actively involved with various IHO committees and