

MSI Self Assessment – NAVAREA IX
Submitted by: Pakistan

SUMMARY

Executive Summary: Over view of activities undertaken within NAVAREA IX since WWNWS 10.

Action to be taken: In accordance with Paragraph 12

Related documents: None

1. **Background.**

a. The Hydrographer of Pakistan Navy (HPN) is the NAVAREA IX Coordinator. The PN Hydrographic Department (PNHD) at Naval Headquarters, 11 Liaquat Barracks Karachi is the focal point for the SafetyNET services. The department is responsible for the transmission of MSI for the 16 countries of NAVAREA IX. Limits of NAVAREA IX are appended below. The chart-let of the same is at Annex 'B':

23° 48'N.	068° 05'E
12° 00'N.	063° 00'E
12° 00'N.	050° 45'E
30° 00'N.	032° 00'E

b. The NAVAREA warnings are compiled at PNHD and up-linked to the INMARSAT for onward transmission through the INMARSAT 'C' satellites from LES Burum. Burum LES is accessed through Internet at 0300 and 1500 UTC. However, in case of any urgent message; it is transmitted on priority basis on special services to inform the mariners immediately. The reception of all the NAVAREA warnings promulgated through SafetyNET and coastal warnings through NAVTEX are monitored at PNHD through respective terminals at communication center.

c. **Distress Alert.** Pakistan is the member of Global Search and Rescue Organization and performs the task of rescue coordination centre for Maritime Rescue Region. MRCC Pakistan is manned by Pakistan Maritime Security Agency (PMSA). PMSA is well equipped to perform distress monitoring, communications and response functions. NAVAREA IX promulgates Distress Warnings in collaboration with PMSA through LES Burum. MRCC Pakistan is looking after the area of responsibility of MRCC Pakistan, chartlet is attached as Annex 'A'. Other related information is appended below:

d. Operational Points of Contact for National Coordinator within the NAVAREA

COUNTRY	INSTITUTION	TELEPHONE	FAX	EMAIL
Bahrain	MENAS MARITIME OPERATION CENTRE BAHRAIN	+973 17810021	+973 17725591	khalidaas@slrb.gov.bh Rashid.AISuwaidi@slrb.gov.bh
Djibouti	BP 59, DJIBOUTI, Djibouti	+253 353475 +253 353208	+253 3561538	-
Egypt	EGYPTIAN AUTHORITY FOR MARITIME SAFETY (EAFMS)	+20 34802233	+ 20 4875633	e.n.h.d@hotmail.com hydro@enhd.gov.eg
Eriteria	-	+291 1 552346, +291 1 552931	+291 1 552157	motcrez@eol.com.er
Ethiopia		+251 1 154915 +251 1 159013		
Iraq	-	-	-	-
Iran	PORT AND MRITIME ORGANIZATION, MARITIME AFFAIR DEPARTMENT	+9821 88651116 +9821 84932143 +9821 84932152	+9821 84932675	aparizi@pmo.ir parizi@pmo.ir
Jordan	-	+962 32014031 +962 32016320	+962 32016204 +962 320116320	info@aqabaports.gov.jo
Kuwait	MINISTRY OF COMMUNICATION MARINE DEPARTMENT HYDROGRAPHIC SURVEY DIVISION	+965 24990333	+965 24990333	mazidi@moc.kw.or
Oman	SULTANATE OF OMAN, MINISTRY OF DEFENCE, OMAN NATIONAL HYDROGRAPHIC OFFICE, ROYAL NAVY OF OMAN	+968 24312350 +968 24322831	+968 24312460	nhooman@omantel.net.com hydromo@mo.gov.om
Pakistan	PAKISTAN NAVY	+92 21 485 06151 +92 21 485 06152	+ 92 21 99201623 + 92 21 99203246	hydro@paknavy.gov.pk hydrpk@gmail.com
Qatar	CUSTOMS & PORTS GENERAL AUTHORITY, DEPARTMENT OF MARITIME AFFAIRS & TRANSPORT	+974 44955947	+974 44955947	vjankovic@mme.gov.qa
Saudi Arabia	SAUDI PORT AUTHORITY	+966 14 532161	+966 14 532161	hydro@gdms.gov.sa
Somalia	-	-	-	-
Sudan	-	+249 1171659		
United Arab Emirates	-	+971 2 651900	+971 2 651691	msd2000@emirates.net.ae
Yemen	MINISTRY OF TRANSPORT MARITIME AFFAIRS AUTHORITY	+967 2 203521	+967 2 205805	ypanet.net.ye

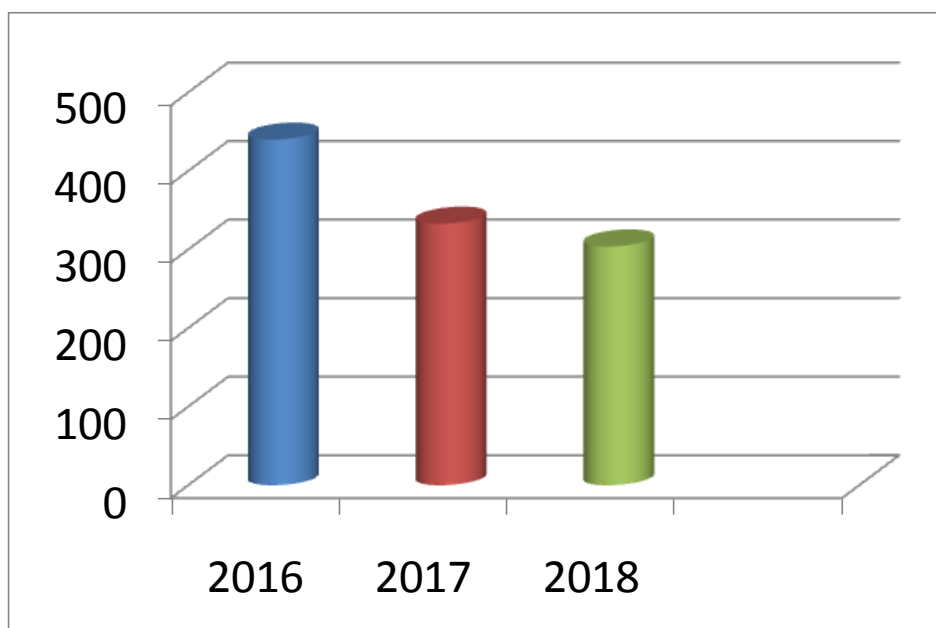
2. **Comments.** The following table shows the number of messages received along with SafetyNET warnings / messages that were promulgated during last three years.

Specifications of information and data received

2016				2017				2018			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
148	12	01	188	167	16	02	50	204	16	-	58

List of navigational warnings issued during last three years are:

NAVAREA IX WARNINGS	2016	2017	2018
	440	333	304



Details of the number of NAVAREA warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time per broadcast via SafetyNET is tabulated below.

2016		2017		2018	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
08	30-45 Minutes	49	30-45 Minutes	12	30-45 Minutes

In-force navigational warnings of last 3 years is as shown below:

2016		2017		2018	
Total	E-mail	Total	E-mail	Total	E-mail
397	-	521	-	300	-

3. **NAVTEX Coverage.** Details of NAVTEX Stations in the region are as appended below. The chart-let of the same is at Annex "C". (Ref: ALRS VOL.5 NP285/2017/2018).

	NAVTEX Station	TELEPHONE	FACSIMILE	EMAIL
B	Bahrain	+973 883939 / 883543	+973 242676	-
V	Al Qusayr(Egypt)	+20 65 330001	+20 65 330001	-
F	Bandar-e-Shahid Rajai (Iran)	+98 761 4514032	+98 761 4514036	abbasradio@pmo.ir
A	Bushehr(Iran)	+98 771 2530074	+98 771 2530077	Bushenradio@pmo.Ir
M	Muscat (Oman)	+968 24571400	+968 24562995	--
P	Pakistan Karachi	+92 21 45901161	+92 21 4591285	

4. **Operational Issues.** Nil

Details of MSI information received from coastal states of NAVAREA IX is appended below:

Coastal State / Country	No of MSI messages	Topics / subject of messages
Pakistan	02	Survey
	16	Boat sunk/Search & Rescue / Man overboard
	54	Firing Exercise/Underwater Exercise
	01	Draughts / Dimension
	01	Navigation Lights
Bahrain (MENAS)	13	Seabed /Seismic operation/offshore construction/survey/ Geo physical / Geo technical survey
	05	Gas/oil pipeline/platform /Submarine cable
	14	Buoys & beacons
	03	Ship to ship transfer operation
	02	No anchorage area/ Anchorage Area
	14	Rig move/Floating barge/Jack-up drilling rig/ rig move
	08	Reclamation, Dredging and marine works
	01	Pilot station/ sulphur pier
	17	Vessel sunk/ Drifting/ man overboard/ towing
	01	Firing
	01	Under water/ over water activity
	01	Offshore structure
	05	Diving activity/sailing race/sailing route/floating cable
	05	Establishment of exclusion zone
	02	Lost anchor/ depth
Saudi Arabia	04	Beacon/Buoy
	02	Firing
Oman	03	Search & rescue/ boat sunk/wreck
	02	Offshore construction activity
	03	Firing
	01	Depth
Yemen	-	-
Egypt	01	Activities prohibited
Kuwait	-	-
Iran	05	Buoy established/ buoy removed
	04	Wreck
	03	AIS established / power cable / drilling platform
Miscellaneous (Information received from various sources)	10	Drifting / survey / firing / rig / buoy and beacon
	03	Piracy

Note: All "In Force" warnings that are more than 42 days old remain available on website for mariners.

5. **Quality Management Survey.**

NAVAREA	ISO 9001 - 2000	Promulgate "In-Force" Bulletins	Promulgate "No-Warning" Messages	Monitor Broadcast in almost real time	24/7 contact information provided	Promulgate two scheduled broadcasts	IMO Master Plan updated
NAVAREA IX	NO	YES	YES	YES	YES	YES	YES

*Karachi radio is not operational and is under up gradation.

***No Warning Messages** is being promulgated through LES at 0800hrs and 2000hrs.

6. **Contingency Planning:** *Internal Contingency Plan is held. Correspondence through email has been initiated with NAVAREA III (Spain) for external contingency collaboration. NAVAREA III has no objection in collaboration with NAVAREA IX. However, the NAVAREA III broadcast cover the AOR-E satellite which does not fully cover our area.

7. **Capacity Building:** Capacity building of the NAVAREA-IX regional countries is required to enhance the capability to understand the importance of the MSI.

8. **Other Activities.** PNHD / NAVAREA IX have been at the forefront in taking active part in all the activities of the IHO. Efforts are in hand to establish effective communication with all NAVAREA-IX members states/National Coordinators.

9. **NAVAREA Website.** www.paknavy.gov.pk/hydro

10. **NAVAREA Contact Information.**

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Hydrographer

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Karachi – 75530
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+92 21 48506142,

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Address: HQ NAVAREA IX
Pakistan Navy Hydrographic Department
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Karachi – 75530
PAKISTAN

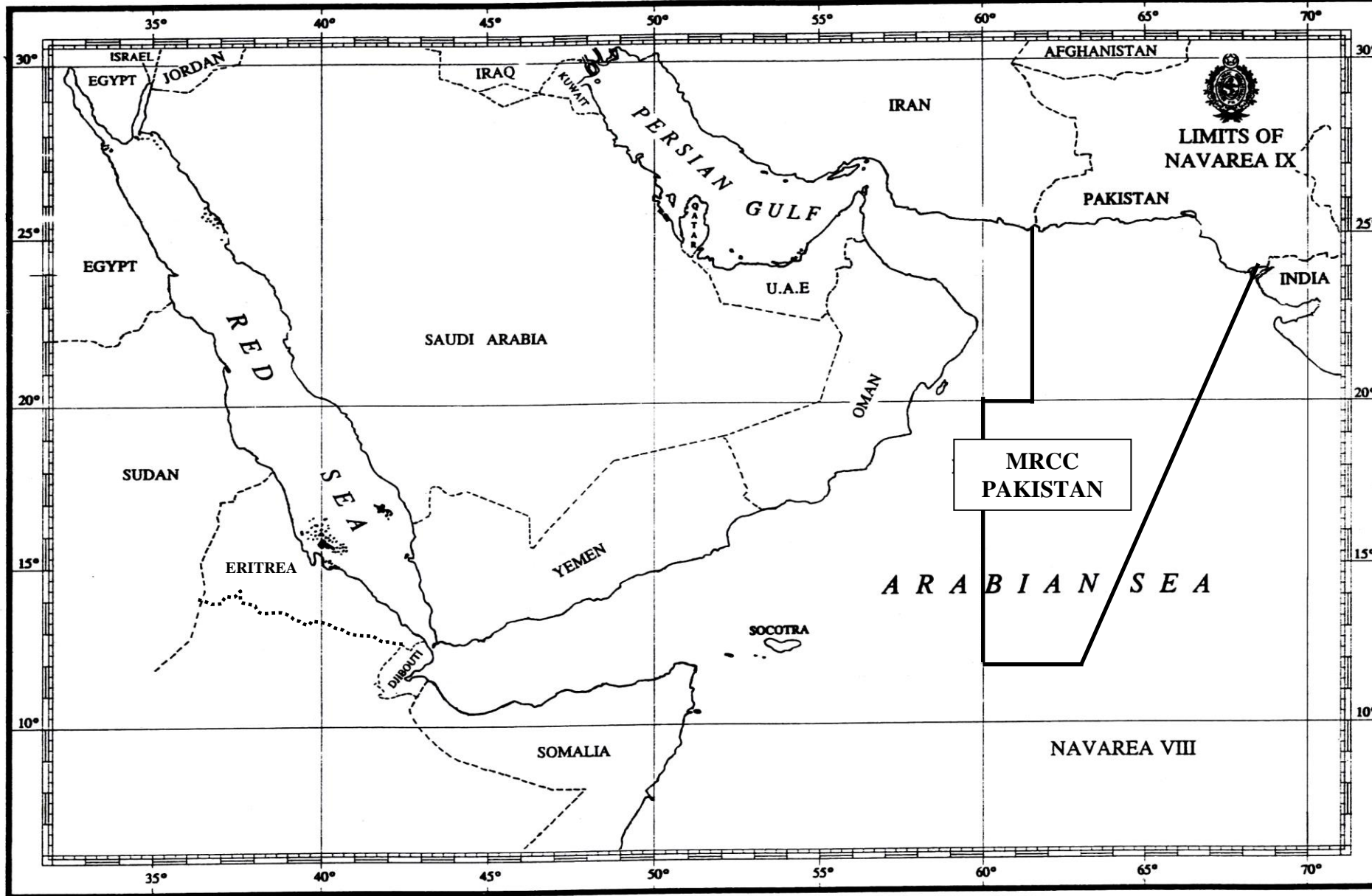
MRCC Pakistan Contact Info:

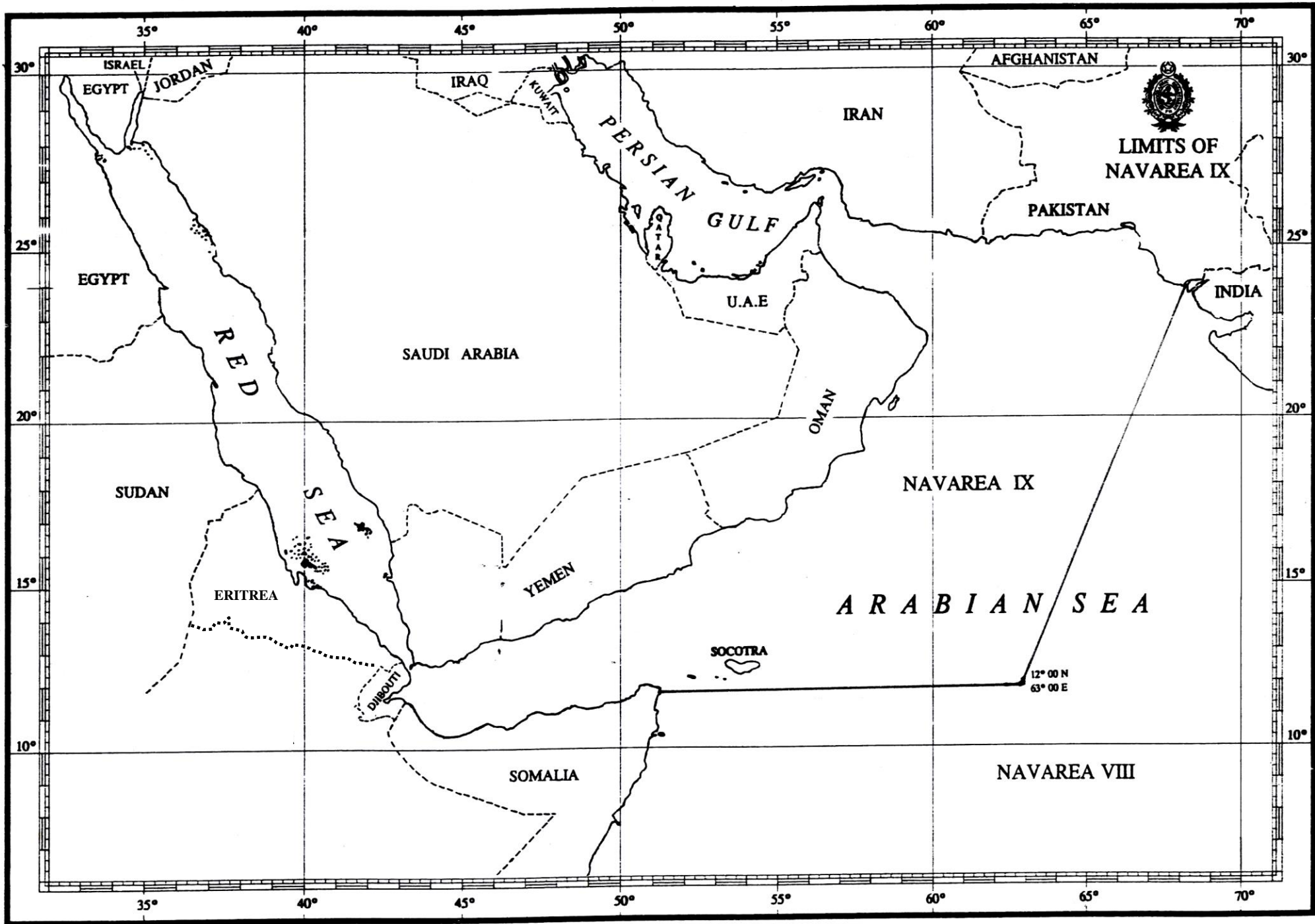
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E-mail: hqpmsa@org.pk

11. **Recommendations.** MSI courses for NAVAREA IX countries may be organized on regular basis for active and effective participation.
12. **Actions requested.** The Commission is requested to note this report.
13. **Summary.** The above is provided as NAVAREA IX self-assessment report for the 11th WWNWS-SC meeting. Coordinator NAVAREA IX transmits MSI for the 16 countries in the region. Navigational Warnings are promulgated via SafetyNET with all enforced warnings being included in the Notice to Mariners which is published once per week. All the enforced warnings and NTMs are regularly posted and monitored on NAVAREA IX website as well. NAVAREA IX accesses LES via internet and all SafetyNET broadcasts are monitored. Karachi NAVTEX station is under up gradation, Coastal Warnings are also being transmitted via SafetyNET.

MRCC PAKISTAN - AREA OF PAKISTAN RESPONSIBILITY

ANNEX 'A'





NAVTEX – MSI BROADCASTS North Arabian Sea, Red Sea and Persian Gulf (NAVAREA IX)

