

## MSI Self Assessment –NAVAREA IX

Submitted by: Pakistan

### SUMMARY

**Executive Summary:** Over view of activities undertaken within NAVAREA IX since WWNWS 9.

**Action to be taken:** In accordance with Paragraph 12

**Related documents:** None

1. **Background.** 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 and promulgation of the Notices to Mariners (NTMs). The NAVAREA warnings are compiled at PNHD and up-linked to the INMARSAT for onward transmission through the INMARSAT 'C' satellites from LES Burum. The routine messages are forwarded on LES Burum. Burum LES is accessed through Internet, 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 by placing respective terminals at communication center.

**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 an area of responsibility of MRCC Pakistan, chartlet is attached as Annex 'A'. Other related information appended below:

**Piracy Alerts.** Pakistan as a coordinator NAVAREA IX played very active role in promulgation of Piracy Messages and Alert Warnings during near Somalian Coast and Gulf of Aden.

**Notices to Mariners.** The Notices to the Mariners (NTMs) are being published by the PNHD every week. The information is received from various port authorities, National coordinators of the NAVAREA IX countries and also from merchant vessels transiting / operating in the NAVAREA. The Notices to Mariners not only update the data for the paper charts but also the ENCs. The summary / details of all enforced NAVAREA-IX warnings are also included in part-II of Pakistan Notices to Mariners, which can be obtained gratis from Mercantile Marine Department Karachi, Pakistan as well as available on PNHD / NAVAREA IX website: [www.paknavy.gov.pk/hydro](http://www.paknavy.gov.pk/hydro):

a. Current 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

- b. Navigational Warnings: 0300, 1500 UTC (IOR)  
 c. Meteorological information: 0630, 0700 and 1830 UTC (IOR)  
 d. SafetyNET Satellite broadcast service provider: BURUM

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	<a href="mailto:khalidaas@slrb.gov.bh">khalidaas@slrb.gov.bh</a> 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	<a href="mailto:e.n.h.d@hotmail.com">e.n.h.d@hotmail.com</a> 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	hydropk@paknavy.gov.pk hydrpk@gmail.com
Qatar	CUSTOMS & PORTS GENERAL AUTHORITY, DEPARTMENT OF MARITIME AFFAIRS & TRANSPORT	+974 44955947	+974 44955947	vladan@up.org.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	ypa@.net.ye

2. **Comments.** NAVAREA Warnings are transmitted/broadcasted on SafetyNET as per above mentioned details. The following table shows the number of messages received and SafetyNET warnings / messages that were promulgated during last three years.

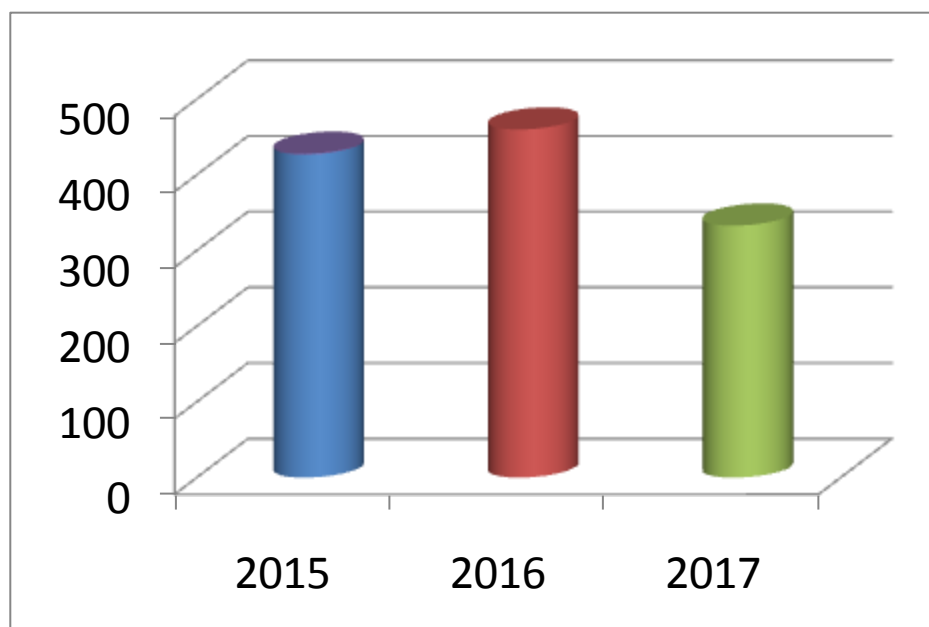
Equipment type	Software version	Date of up date
NA	NA	NA

Specifications of information and data received

2015				2016				2017			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
123	23	-	186	148	12	01	188	167	16	02	50

List of navigational warnings issued during last three years are:

NAVAREA IX WARNINGS	2015	2016	2017
	407	440	333



Detail the number of NAVAREA warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time per broadcast via safetyNET.

2015		2016		2017	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
21	30-45 Minutes	08	30-45 Minutes	49	30-45 Minutes

Specifics of requests for list of in-force navigational warnings

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

### 3. NAVTEX Coverage.

Details of NAVTEX Station in the region are appended below. The chart-let of the same is at Annex „C“. (Ref: ALRS VOL.5 NP285/2017/2018)

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

### 4. Operational Issues. Nil

Details of MSI information received from coastal states within the NAVAREA

Coastal State / Country	No of MSI messages	Topics / subject of messages
<b>Pakistan</b>	03	Port Information / Construction
	04	Boat sunk
	35	Firing Exercise/Underwater Exercise
	07	Cable laying operation
	07	Navigation Lights and buoys
<b>Bahrain (MENAS)</b>	13	Seabed /Seismic operation/offshore construction/survey
	08	Gas/oil pipeline/platform /Submarine cable
	23	Buoys & beacons
	03	Ship to ship transfer operation
	01	No anchorage area/ Anchorage Area
	09	Rig move/Floating barge/Jack-up drilling rig/ rig move
	08	Reclamation, Dredging and marine works
	02	Pilot station/ sulphur pier
	07	Vessel sunk/ Drifting/ man overboard/ towing
	01	Fire work display
	02	Under water activity
<b>Saudi Arabia</b>	02	Navigation Aids Loran-C Station/DGPS Station etc
	05	Beacon/Buoy
	02	Pipe sunk/ craft sunk
<b>Oman</b>	02	Search & rescue/ boat sunk
	02	Offshore construction activity
	01	Firing
<b>Yemen</b>	-	-
<b>Egypt</b>	-	-
<b>Kuwait</b>	-	-
<b>Iran</b>	02	Buoy established/ buoy removed
	06	Boat missing/ distress
	02	Steel tower/ wreck
	01	Fish farms
	01	Anchorage area
<b>Miscellaneous</b> (Information received from various sources)	20	Post-lay survey, Cable burial operation, Buoy with radar reflector, flashing light Cable lay operation, Uncharted buoy reported by ship.
	37	Piracy

All "In Force" warnings that are more than 42 days old remained 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 regional countries situated in Navarea-IX, need to enhance their 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 being made to establish communication with few Navarea-IX members states/National Coordinators.

9. **NAVAREA Website.** [www.paknavy.gov.pk/hydro](http://www.paknavy.gov.pk/hydro)

10. **NAVAREA Contact Information:**

**MUHAMMAD KHALID**

Captain Pakistan Navy  
Hydrographer

PN Hydrographic Department  
Naval Headquarters  
11, Liaquat Barracks  
Karachi – 75530  
PAKISTAN

Email: [hydrok@paknavy.gov.pk](mailto:hydrok@paknavy.gov.pk)  
[hydrpk@gmail.com](mailto:hydrpk@gmail.com)

Tel: **+92 21 48506151-2, +92 21 48506821, +92 21 48506142,**

Fax: **+92 21-99201623, +92 21 99203246**

Address: **HQ NAVAREA IX**  
Pakistan Navy Hydrographic Department  
Naval Headquarters  
11, Liaquat Barracks  
Karachi – 75530  
PAKISTAN

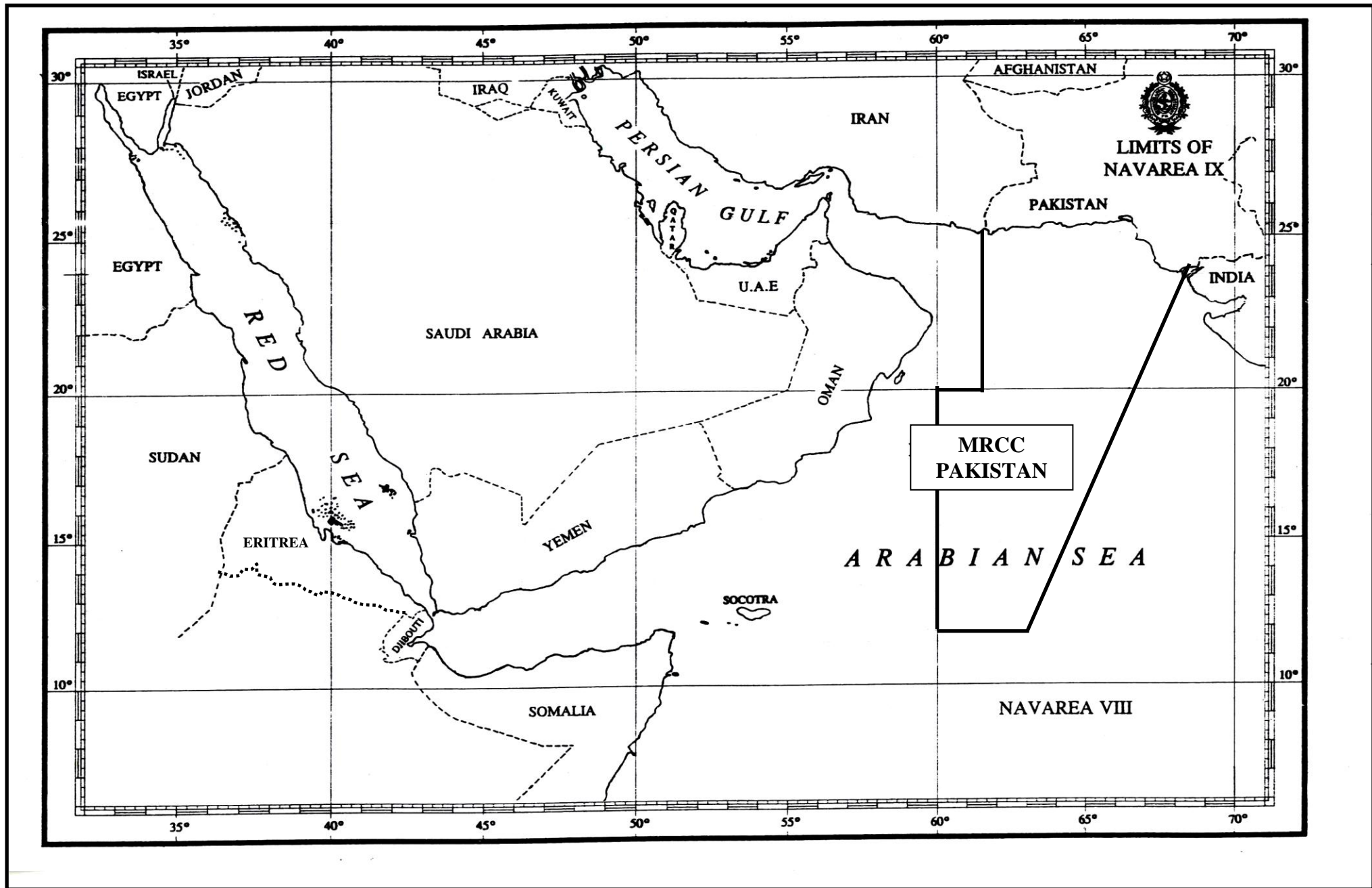
### **MRCC Pakistan Contact Info:**

The Director General  
Pakistan Maritime Security Agency,  
Plot No 34A, Dockyard Road, Karachi, Pakistan  
Tel : +92-21-99214624, +92-21-99214964-7  
Fax : +92-21-99214621, +92-21-99214625  
E-mail: [hqpmisa@org.pk](mailto:hqpmisa@org.pk)

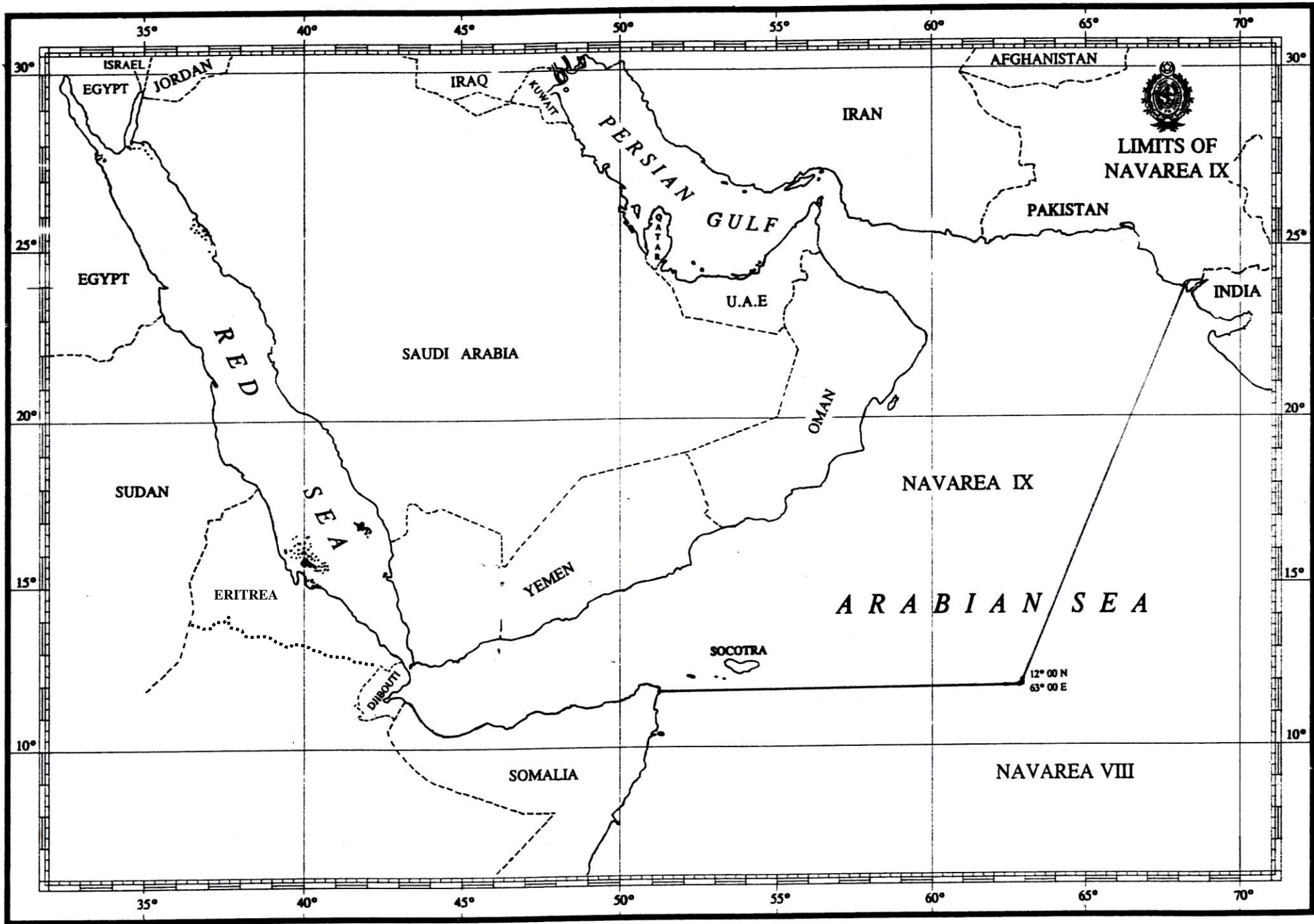
11. **Recommendations.** MSI courses be conducted at regular basis for Regional countries to train them for active participation.
12. **Actions requested.** The Commission is requested to note this report
13. **Summary.** The above is provided as NAVAREA IX self-assessment report for the WWNWS-10. Coordinator 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)

