

MSI Assessment –NAVAREA IX

Submitted by: Pakistan

SUMMARY

Executive Summary: Over view of activities undertaken within NAVAREA IX since
WWNWS 8 Meeting (12-16 Sep 2016)

Action to be taken: In accordance with Paragraph 12

Related documents: None

1. **Background.** The Hydrographer of Pakistan Navy 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 Maritime Security Agency (MSA). MSA is well equipped to perform distress monitoring, communications and response functions. NAVAREA IX promulgates Distress Warnings in collaboration with MSA through LES Burum. MRCC Pakistan is looking after an area of responsibility of MRCC Pakistan, chartlet is attached as Annex 'B'. 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. (Status of Piracy 05/2016).

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:

a. Current limits of NAVAREA IX are appended below. The chart-let of the same is at Annex 'A':

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	khalidaas@sirb.gov.bh
Djibouti	-	+253 353475 +253 353208	+253 3561538	-
Egypt	EGYPTIAN AUTHORITY FOR MARITIME SAFETY (EAFMS)	+20 34802233	+ 20 4875633	e.n.h.d@hotmail.com
Eriteria	-	-	-	-
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 DEPARTMEN 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 messages received and SafetyNET warnings / messages that were promulgated during last three years.

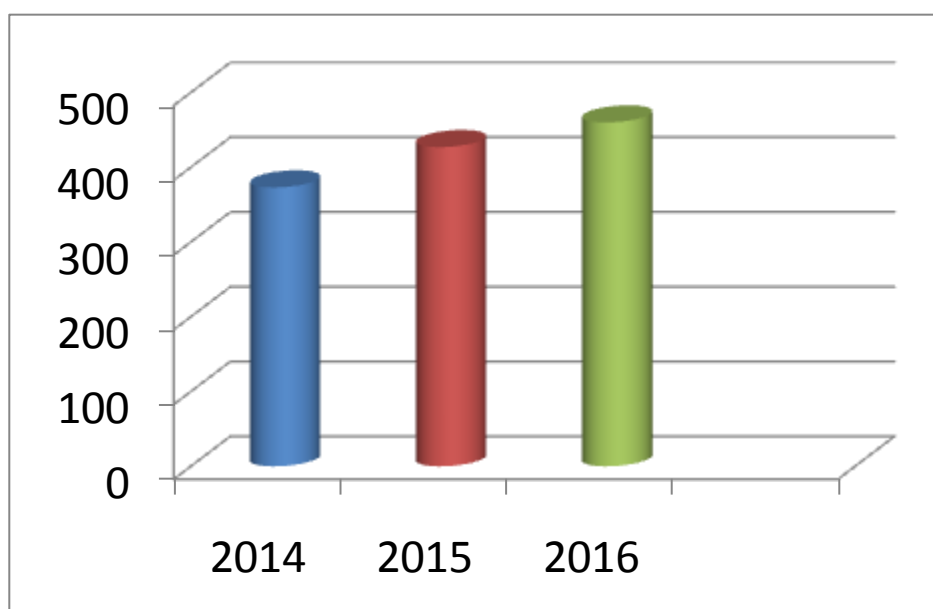
Equipment type	Software version	Date of up date
NA	NA	NA

Specifications of information and data received

2014				2015				2016			
E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text	E-mail	Fax	Phone	Text
67	19	-	165	123	23	-	186	148	12	01	188

List of navigational warnings issued during last three years are:

NAVAREA IX WARNINGS	2014	2015	2016
	363	407	440



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)

	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	+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 (2016) information received from coastal states within the NAVAREA

Coastal State / Country	No of MSI messages	Topics / subject of messages
Pakistan	3	Port Information / Construction
	5	Boat sunk/Oil exercise
	33	Firing Exercise/Underwater Exercise
	06	Cable laying operation
	3	Navigation Lights and buoys
Bahrain (MENAS)	11	Survey /Seabed /Seismic /offshore construction
	14	Gas/oil pipeline/platform /Submarine cable
	43	Navigational aid buoys & beacons/Light
		Over waters live firing exercise
	3	No anchorage area/ outer Anchorage Area /Alternative route/Anchorage area
	2	Jacket installation/Floating barge/Jack-up drilling Rig
	4	Reclamation, Dredging and marine works
	8	Firing exercise/Military exercise
	1	Piracy/offshore sailing Race
	3	Current Profiler/free floating
Saudi Arabia	02	Navigation Aids Loran-C Station/DGPS Station etc
	05	Beacon/Buoy
Oman	01	Missile Firing
	-	-
Yemen	1	Port Information / Construction
Egypt	22	Acoustic/Lights Signals/ Radar responders
	70	Marine units/platforms/Offshore Rigs
	13	Maintenance execution rehabilitation
	19	Drilling operation/Marine Driller/Dredging
	5	Beacon/Buoy/Boat/Barge
	2	Cable operation
Kuwait	1	Buoy
	1	Killing operation
Iran	4	Buoy established/Buoy replaced/overboard
	1	Boat missing/buoy removed/Boat operator
	2	Isolated Danger Mark/Platform
Miscellaneous (Information's received from various sources)	26	Post-lay survey, Cable burial operation,Piracy Buoy with radar reflector, flashing light Cable lay operation, Uncharted buoy reported by ship.

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. Response from Spain was received and same will be deliberated in WWNWS-9 meeting.

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

10. **NAVAREA Contact Information:**

COMMODORE MUHAMMAD ARSHAD SI(M)

Hydrographer of Pakistan Navy

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

Email: hydropk@paknavy.gov.pk
hydrpk@gmail.com

Tel: **+92 21 48506151-2, +92 21 48506821, +92 21 48506143,**

Fax: **+92 021-99201623, +92 021 99203246**

Address: **HQ NAVAREA IX**

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

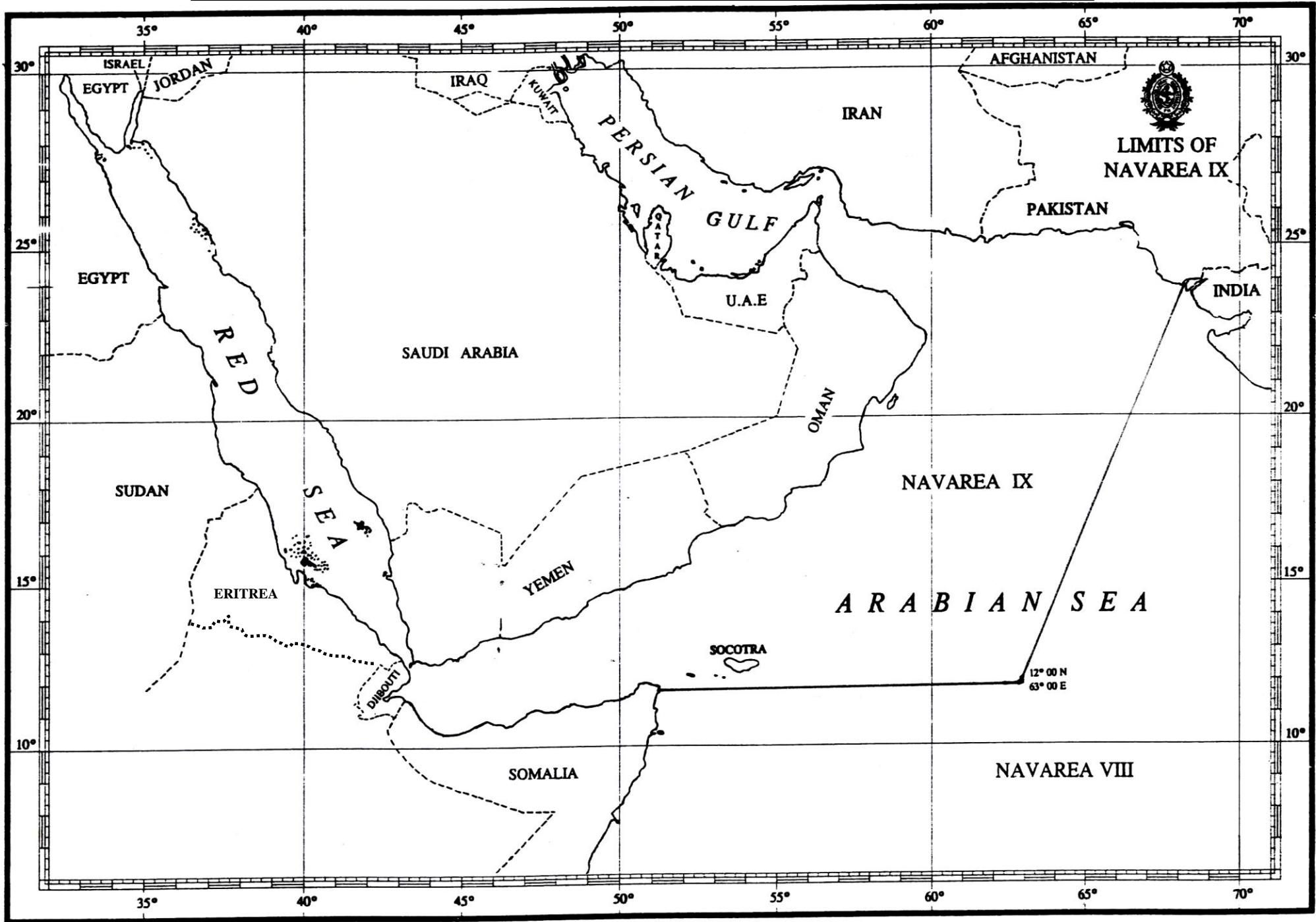
MRCC Pakistan Contact Info:

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

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-9. 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.

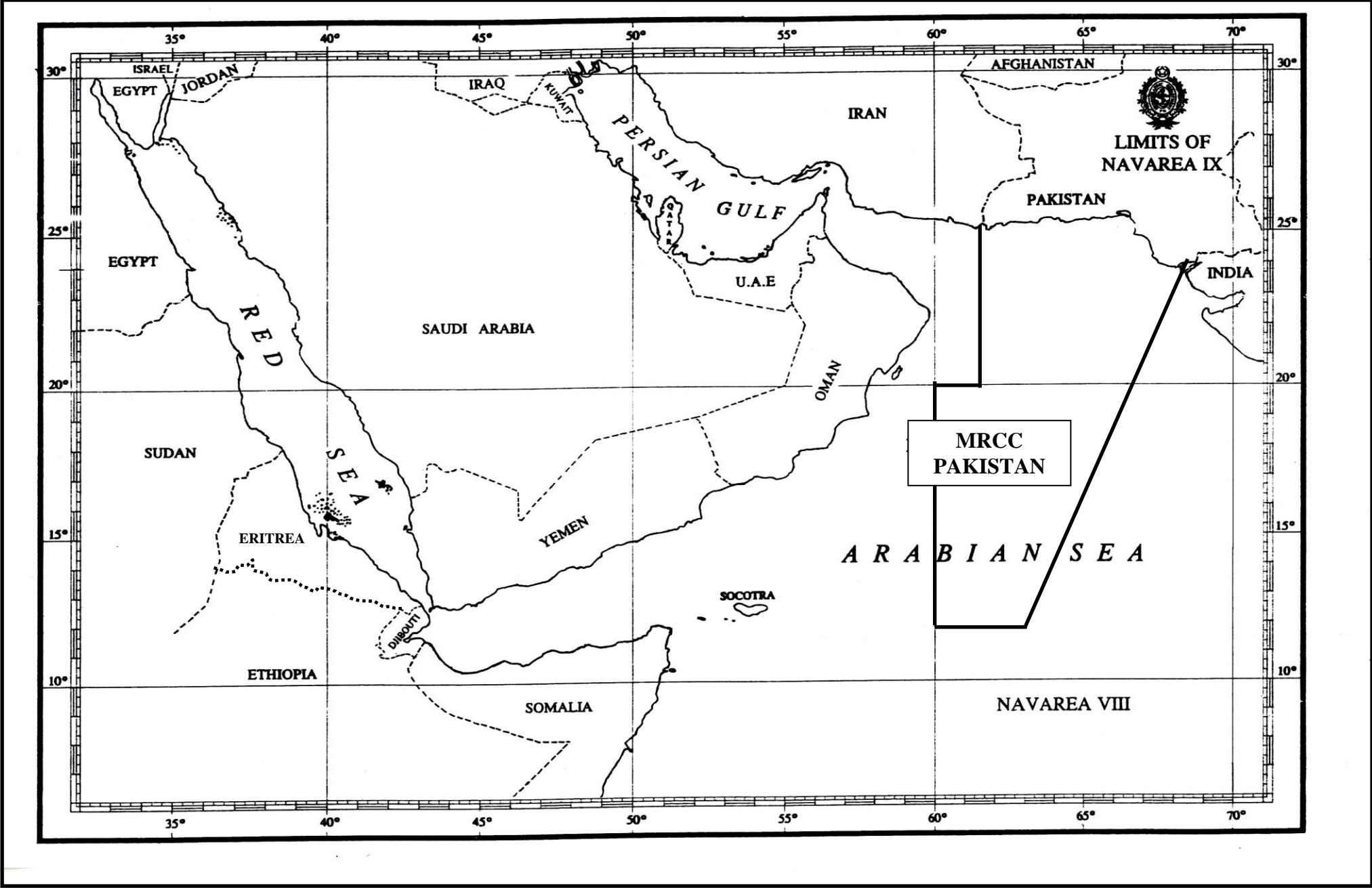
LIMITS OF NAVAREA-IX - RESPONSIBILITY OF PAKISTAN

ANNEX 'A'



MRCC PAKISTAN - AREA OF PAKISTAN RESPONSIBILITY

ANNEX 'B'



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

