

**MSI Assessment –NAVAREA IX**

**Submitted by: Pakistan**

**SUMMARY**

**Executive Summary:** NAVAREA IX MSI Self Assessment for  
WWNWS 2. Over view of activities.

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

**Related documents:** Nil

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 the PNHD and up-linked to the INMARSAT for onward transmission through the INMARSAT 'C' satellites through 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 R11-2. 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 840 NM. Details/ chartlet depicting area of responsibility of MRCC Pakistan is attached as Annex 'B'.

**Piracy Alerts.** Pakistan as a coordinator NAVAREA IX is playing very active role in promulgation of Piracy Messages and Alert Warnings. Since the start of the year, 59 Piracy Warnings are promulgated for safety of shipping in the area. Piracy warnings are promulgated on priority basis round the clock.

**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 ENC's. The summary / details of all enforce 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 'A':

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

- b. Navigational Warnings: 0300-0400 and 1500-1600 UTC (IOR)
- c. Meteorological information: 0830, 0900, 1700 (IOR)  
Warnings only (IOR)
- d. SafetyNET Satellite broadcast service provider: BURUM

2. **Comments.** NAVAREA IX is effectively using WWNWS. NAVAREA Warnings are broadcasted on SafetyNET as per above mentioned details. The following table shows the number of SafetyNET warnings / messages that were promulgated:

	2007	2008	2009	2010 (28 Jun 10 )
NAVAREA IX	280	248	246	232 including Piracy Alerts

3. **NAVTEX Coverage.** NAVTEX Services is under consideration for up gradation.

4. **Operational Issues.** Nil

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	NO	NO	YES	YES	YES	YES

6. **Contingency Planning:** Contingency Plan is held.

7. **Capacity Building.** Area Coordinating Officer, NAVAREA IX attended MSI training course/workshop in Oman in October 2009. The course was very informative and practical exercises of the course provide an excellent opportunity for the participants to anticipate various scenarios with regard to MSI. Such training avenues are considered very meaningful and are recommended to be organized regularly.

8. **Other Activities.** PNHD / NAVAREA IX have been at the forefront in taking active part in all the activities of the IHO. At the regional level, contribution of PNHD is as follows:

- a. Pakistan is a Member of RSAHC.
- b. Pakistan is an Associate Member of NIOHC. Pakistan delegation attended the meeting of NOIHC in Bangladesh.
- c. PNHD has provided speaker / lecturer for MSI course/workshop held in Oct 09 at Oman.

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

10. **NAVAREA Contact Information.**

- a) Email: [hydropk@paknavy.gov.pk](mailto:hydropk@paknavy.gov.pk)

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- c) Fax: +92 021-9201623, +92 021 9203246
- d) Address: **HQ NAVAREA IX**  
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PAKISTAN

**NAVAREA Coordinator Contact Info: CAPTAIN M ARSHAD PN**

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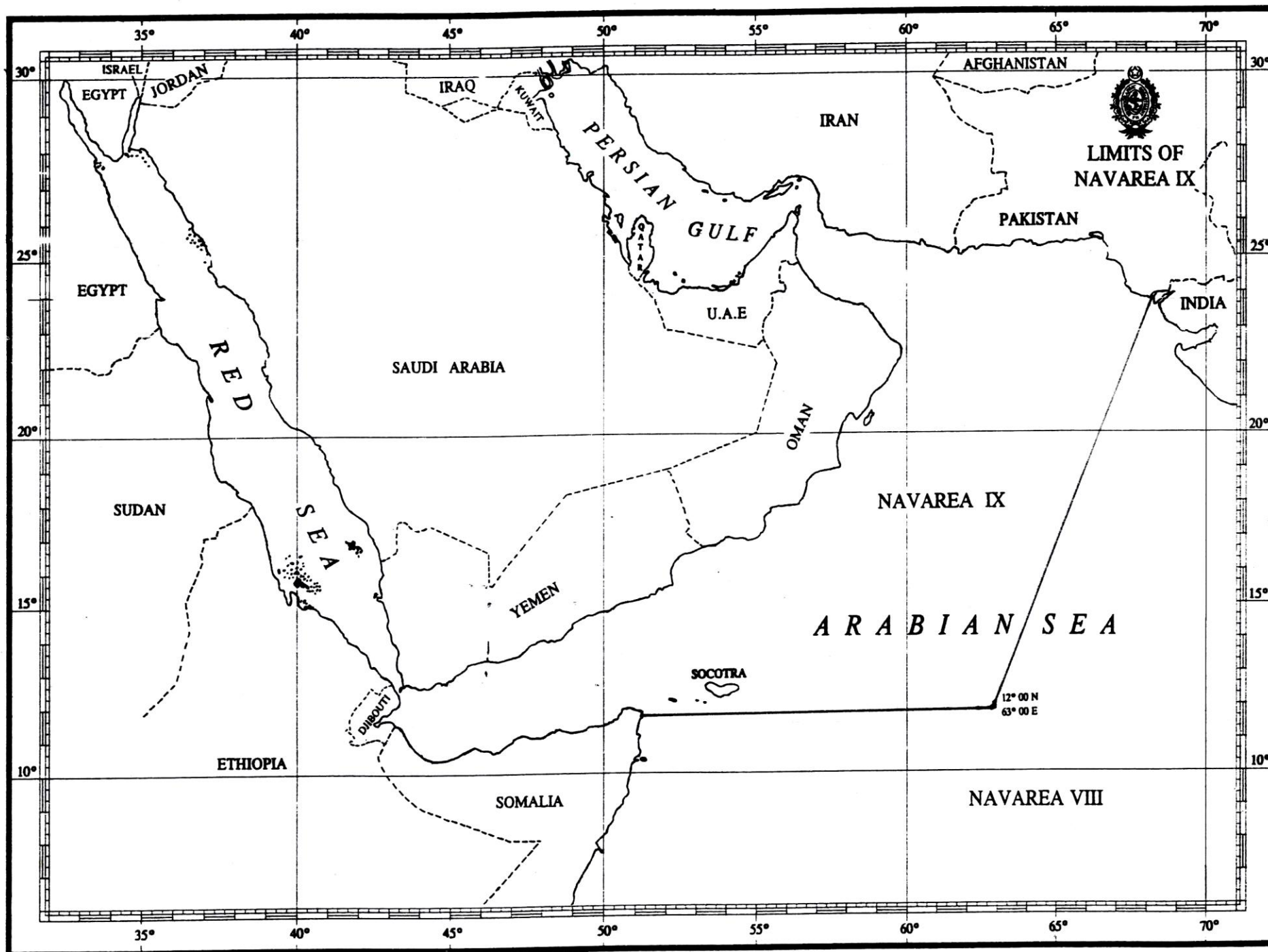
**MRCC Pakistan Contact Info:**

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11. **Recommendations.** Nil

12. **Actions requested.** The Commission is requested to note this report

13. **Synopsis.** The above is provided as NAVAREA IX self-assessment report for the WWNWS 2. Coordinator NAVAREA IX transmits MSI for the 16 countries in the region. Navigational Warnings are promulgated via SafetyNET and NAVTEX 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. Because of concerns about the reception of MSI from certain NAVTEX stations in the region, most Coastal Warnings are re-transmitted via SafetyNET as well depending on case to case basis.



**MRCC PAKISTAN - AREA OF PAKISTAN RESPONSIBILITY**