

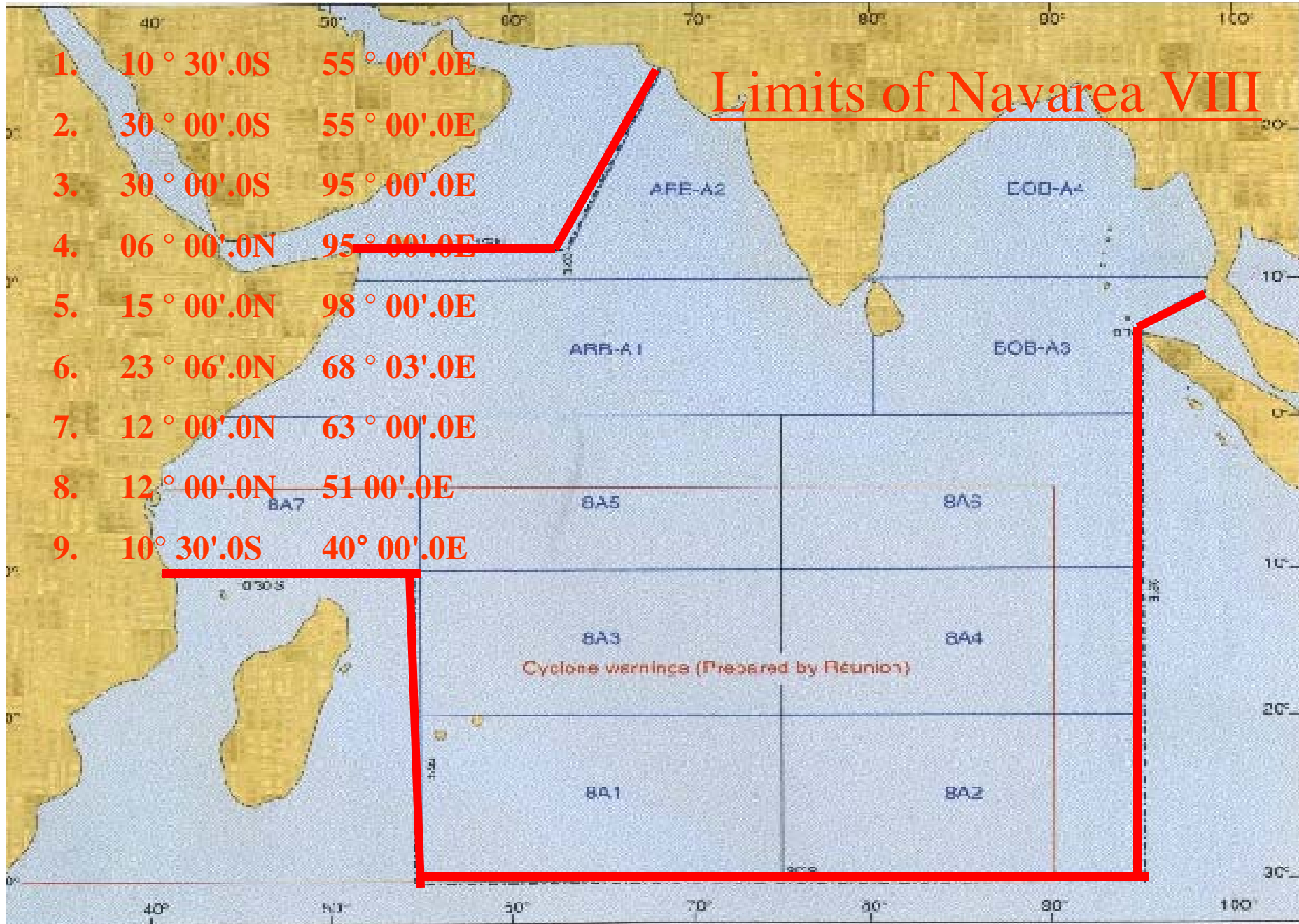
NAVIGATIONAL
WARNINGS/MSI/GMDSS IN
NAVAREA VIII

SCOPE OF PRESENTATION

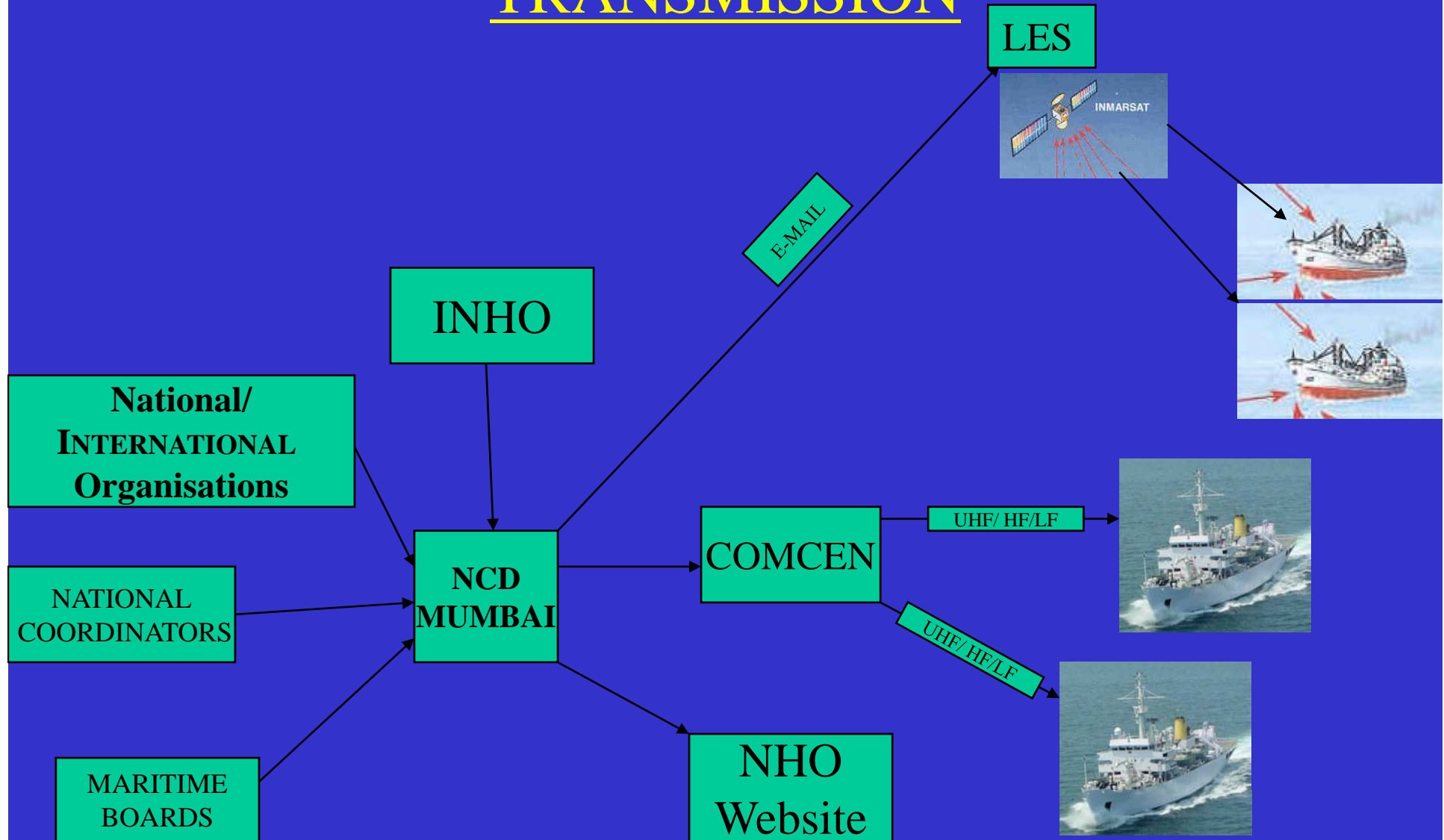
1. Introduction
2. Navarea VIII Radio Warnings
3. Indian Notices to Mariners
4. Implementation of GMDSS
5. Marine Safety Information
6. SAR organisation in India
7. Action by Ships and National Coordinators

Limits of Navarea VIII

1. 10° 30'.0S 55° 00'.0E
2. 30° 00'.0S 55° 00'.0E
3. 30° 00'.0S 95° 00'.0E
4. 06° 00'.0N 95° 00'.0E
5. 15° 00'.0N 98° 00'.0E
6. 23° 06'.0N 68° 03'.0E
7. 12° 00'.0N 63° 00'.0E
8. 12° 00'.0N 51° 00'.0E
9. 10° 30'.0S 40° 00'.0E



NAVAREA VIII RADIO WARNING TRANSMISSION



5/16/2008

RADIO WARNING BROADCAST

- Every warning repeated daily in all schedules for three days
- Repeated every fourth day for 42 days

SUMMARY OF NAVAREA WARNING

Weekly summary of all NAVAREAs promulgated every Monday.

Summary also issued to all concerned Navarea Coordinators.

NOTICES TO MARINERS

- Fortnightly edition to Notices to Mariners
- Annual edition to Notices to Mariners
- Special edition to Notices to Mariners

FORTNIGHTLY EDITION

1. Permanent Corrections to Indian charts and publications.
2. Temporary and Preliminary Corrections * to Indian charts and publications.
3. General Marine Information for mariners at sea.
4. Index of all Radio Navigational Warnings issued during the fortnight.
5. Corrections to following publications
 - (a) List of Sailing Direction.
 - (b) List of Lights.
 - (c) List of Radio Signals.

ANNUAL EDITION

1. List of Permanent corrections to Indian navigational charts.
2. Text of Temporary and Preliminary Notices
3. Un-exploded Charges.
4. List of Charts, Publications, ENC's.

SPECIAL EDITION

Renewed once in four years.

Information mostly permanent nature

1. List of Storm Signal Stations.
2. Firing Practice and Firing Exercise Areas.
3. Information Concerning Submarines Ex Areas.
4. Submarine Cables.
5. National Data Buoy Programme.
6. Development of Offshore Oil and Gas Fields.
7. Traffic Separation Scheme-Ships Routing.

DISTRIBUTION

PRINTED COPIES TO CHART DEPOTS & AGENTS

www.hydrobharat.nic.in

CONTACT AUTHORITIES

The Chief Hydrographer to the Govt. of India

National Hydrographic Office

Dehradun, India. 248 001

Phone: 91-135-2747365,2747360,2742109

Fax: 91-135-2748373, Telex: 585220 AB: Code HYDR IN.

E mail – inho@dataone.in

Website: www.hydrobharat.nic.in

The Officer-in-Charge

Naval Chart Depot

SBS Road, Mumbai, India.

Phone: 91-22-22634604

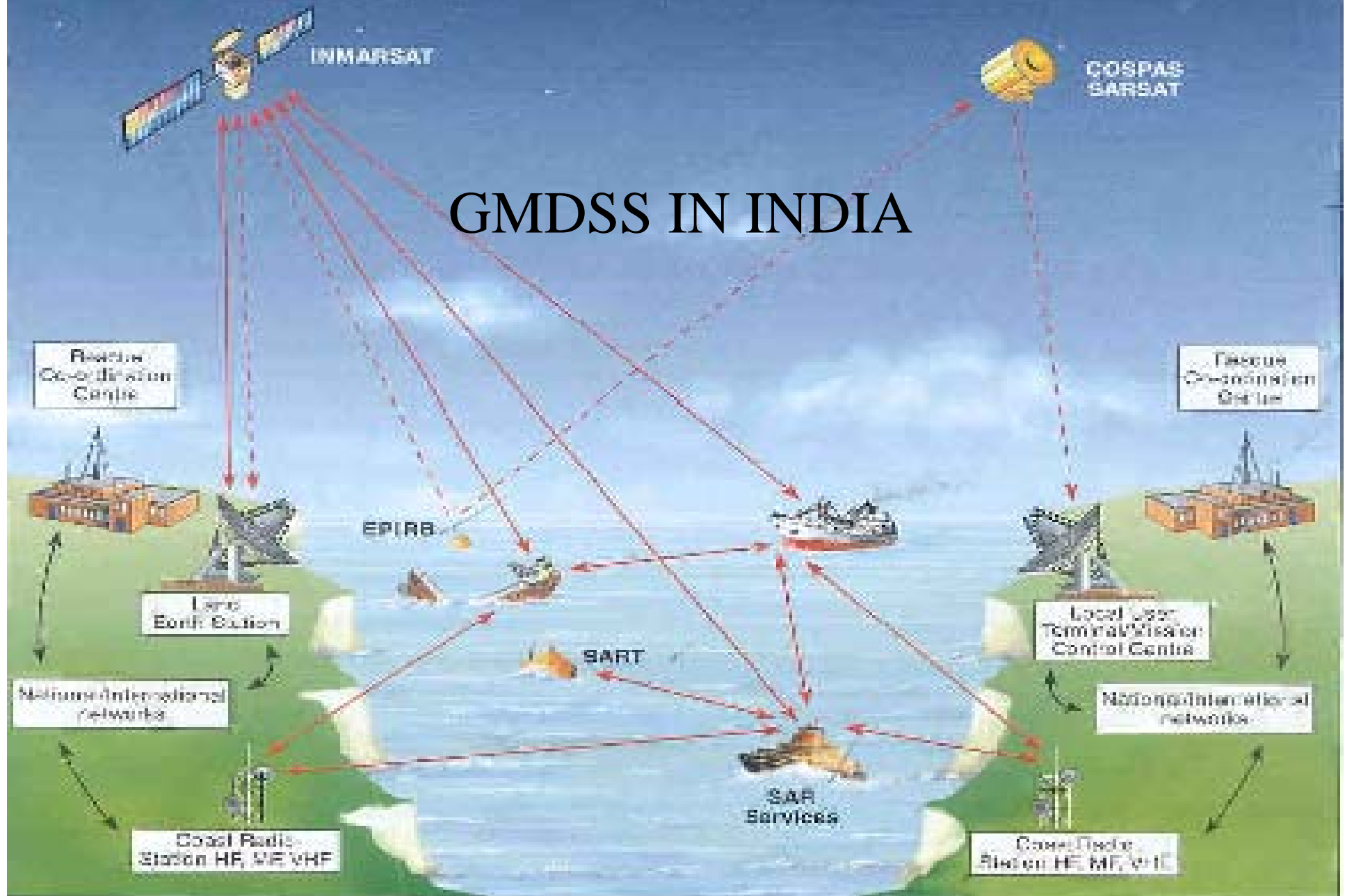
Fax: 91-22-22687049

Telex: 118 3023 NCDM IN

5/16/2008

④ GMDSS operational: emergency rescue services deployed; on-scene communications.

GMDSS IN INDIA

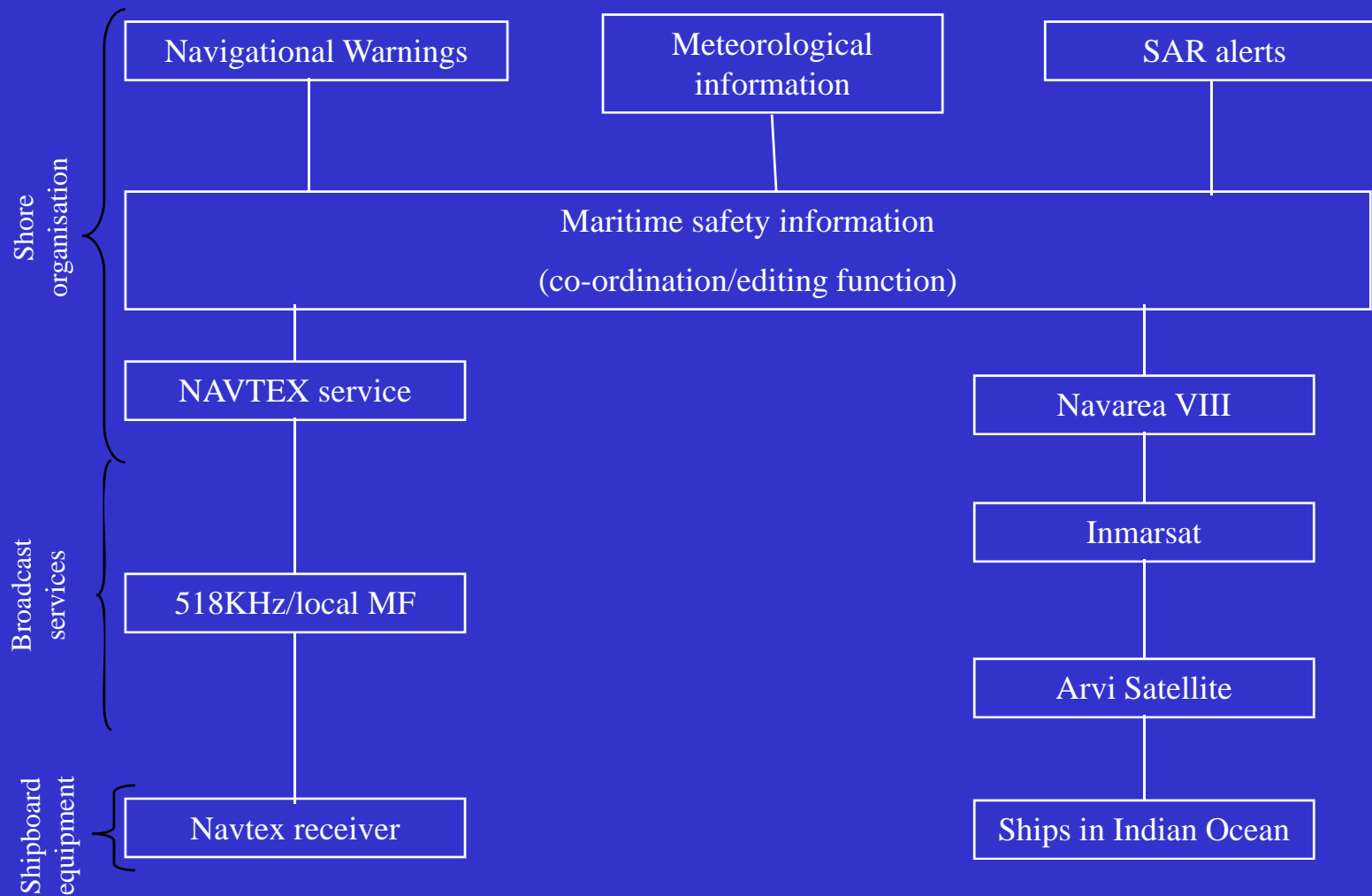


Global Maritime Distress and Safety System

Fully implemented

Vessels built post Feb 1995 fully comply with GMDSS requirements.

Indian Maritime Safety Information Service



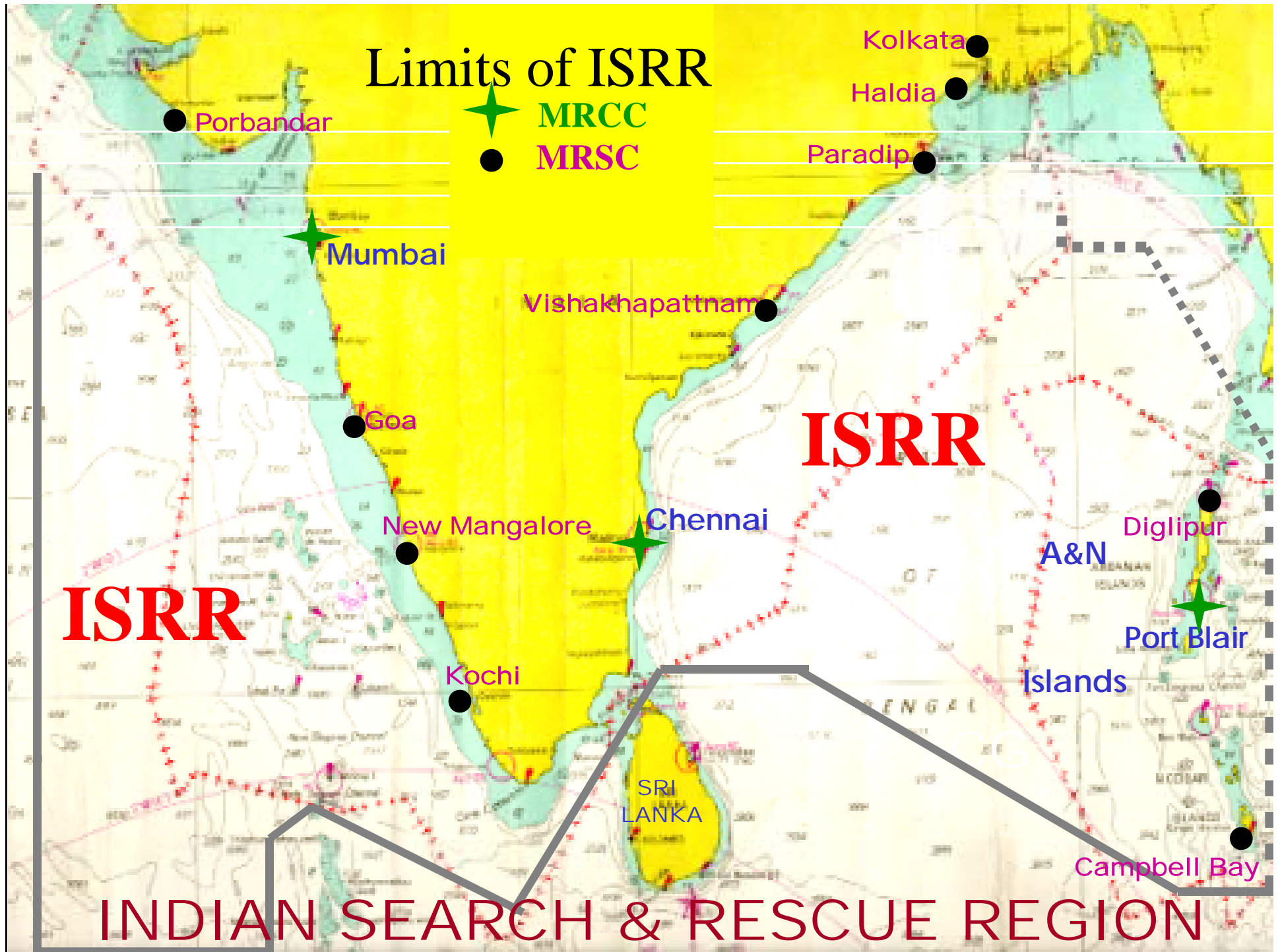
INDIAN SRR AND SAR ORGANISATION

1. Indian Government responsible in Indian SRR
2. Director General Indian Coast Guard - National Maritime SAR Coordinating Authority (NMSARCA).
3. Three geographic areas established in Indian SRR.
4. SRR (West) - western seaboard.

SRR (East) - Bay of Bengal including portions of Palk Bay and Gulf of Mannar.

SRR (A&N) - Andaman and Nicobar Islands.

5. Three Maritime Rescue Coordination Centres(MRCCs) at Mumbai, Chennai, Port Blair



SHIP REPORTING SYSTEMS

INDIAN SHIP POSITION AND INFORMATION
REPORTING SYSTEM (INSPIRES)

SHIP REPORTING SYSTEM FOR SAR (INDSAR)

INDIAN SHIP POSITION AND INFORMATION REPORTING SYSTEM (INSPIRES)

OBJECTIVES OF INSPIRES

The INSPIRES has been established to achieve the following objectives.

- (i) To provide up to date information on shipping for search and rescue.
- (ii) For effective vessel traffic management service.
- (iii) For weather forecasting.
- (iv) For prevention and containment of marine pollution.

INSPIRES Area of Applicability

North of latitude 30 S in the Indian Ocean including Arabian sea and Bay of Bengal

West along the African coast between latitude 10 degree 30 minute South and 12 degree North

East up to longitude 095 degree East.

INSPIRES Operating Authority

Director General Shipping coordinating authority

Functioning with Maritime Operations Centres at Mumbai and Visakhapatnam.

SHIP REPORTING SYSTEM FOR SAR

(INDSAR)

SHIP REPORTING SYSTEM FOR SAR

(INDSAR)

Effective since 01 Feb 2003.

Indian Coast Guard coordinating
authority

Through Maritime Rescue Co-ordination
Centres

PURPOSE OF THE INDSAR SYSTEM

INDSAR an integral part of the Maritime Search and Rescue (M-SAR)

Objective of the INDSAR

- (a) Limiting the time between the loss of a ship and the initiation of search and rescue action.
- (b) Limiting the search area for a rescue action
- (c) Providing up-to-date information on shipping resources available in the area in the event of a search and rescue incident.

MODALITIES

In case ship not able to send a Mayday message, the INDSAR has positive checking system operated by MRCC Mumbai.

Will conduct an air search on predicted route

ACTION BY SHIPS IN NAVAREA VIII REGION

1. GMDSS ships shall, while at sea, maintain an automatic DSC watch on the appropriate distress and safety calling frequencies in the frequency bands appropriate for the sea area in which they are operating. Ships, where so equipped, should also maintain watch on the appropriate frequencies for the automatic reception of transmissions of meteorological and navigational warnings and other urgent information to ships.
2. Report any information warranting issue of warning in NAVAREA VIII region.
3. Maintain continuous distress watch on all frequency in accordance with IMO Special Publication S – 53.
4. Contact concerned authority/ Chief Hydrographer in case of any doubts.
5. Vessels subject to the SOLAS Convention must comply with applicable equipment carriage for monitoring requirements and Global Maritime Distress and Safety System (GMDSS) equipment.
6. Any vessel carrying GMDSS compatible equipment should use it as intended and must be prepared at all times to receive distress alerts with it.

ACTION BY SHIP RECEIVING A DISTRESS MESSAGE

- Acknowledge the receipt of message.
- If possible gather the following information from the craft in distress
 - Position, course and speed of distressed craft.
 - Length, breadth and colour of the ship.
 - Distressed craft's identity, port of registration, call sign, MMSI number and name.
 - Telephone, fax and telex number of the ship, owner and agent.
 - Communication frequency manned by the vessel.
 - Number of personnel on board and nationality.
 - Nature of the distress or casualty.
 - Type of assistance required.
 - Number of casualties, if any.
 - Facilities for helicopter operation and obstruction for helicopter landing or winch operation.

ACTION BY SHIP RECEIVING A DISTRESS MESSAGE

- Type and quantity of cargo including fuel, chemical, explosives and hazardous material.
- Any other pertinent information that might facilitate the rescue.
- Proceed to render assistance.
- Relay distress and pass above information to the appropriate MRCC/MRSC.

THANK YOU