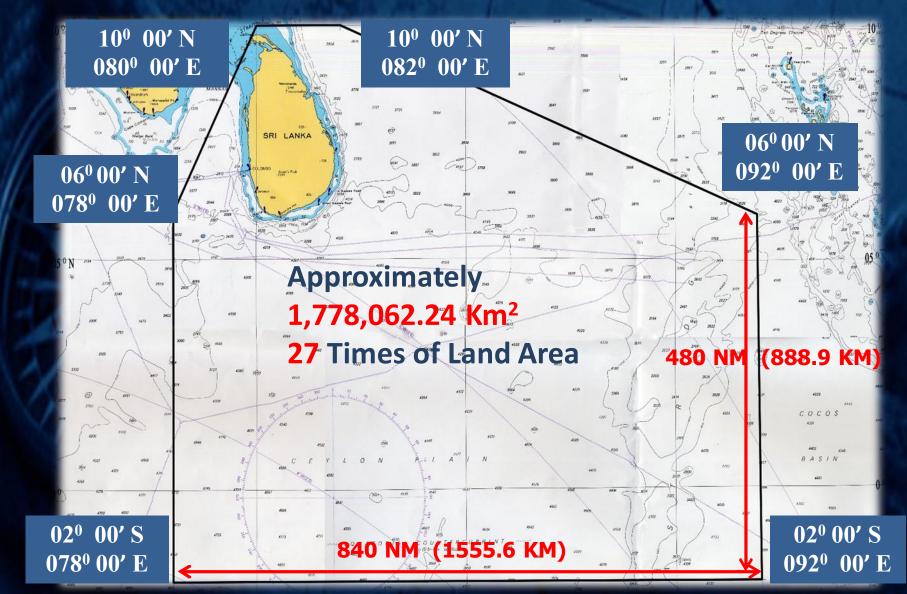


INTERNATIONAL OBLIGATION-SRR



AREA OF RESPONSIBILITY



MRCC - COLOMBO



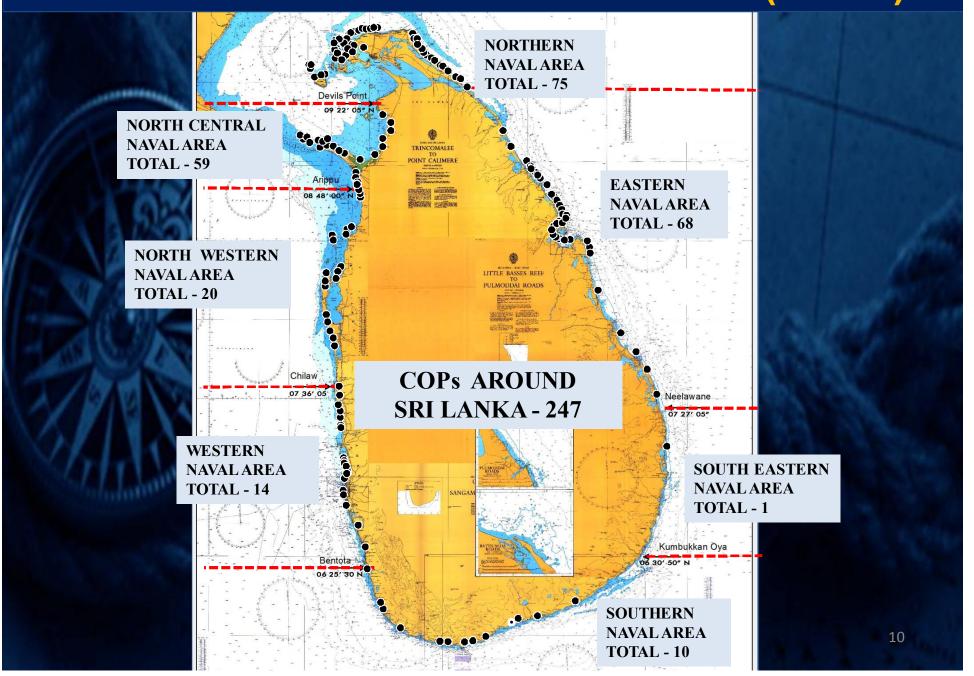
MRCC - COLOMBO

- Sri Lanka Navy is responsible for conducting SAR Operations.
- MRCC Colombo is located in Naval Headquarters Colombo and being manned 24 X 7 by an Officer and trained crew.
- MRCC Colombo is equipped with IDD telephone facility, shore based surveillance radars and AIS equipment installed around Island also linked to MRCC Colombo for SAR purposes.

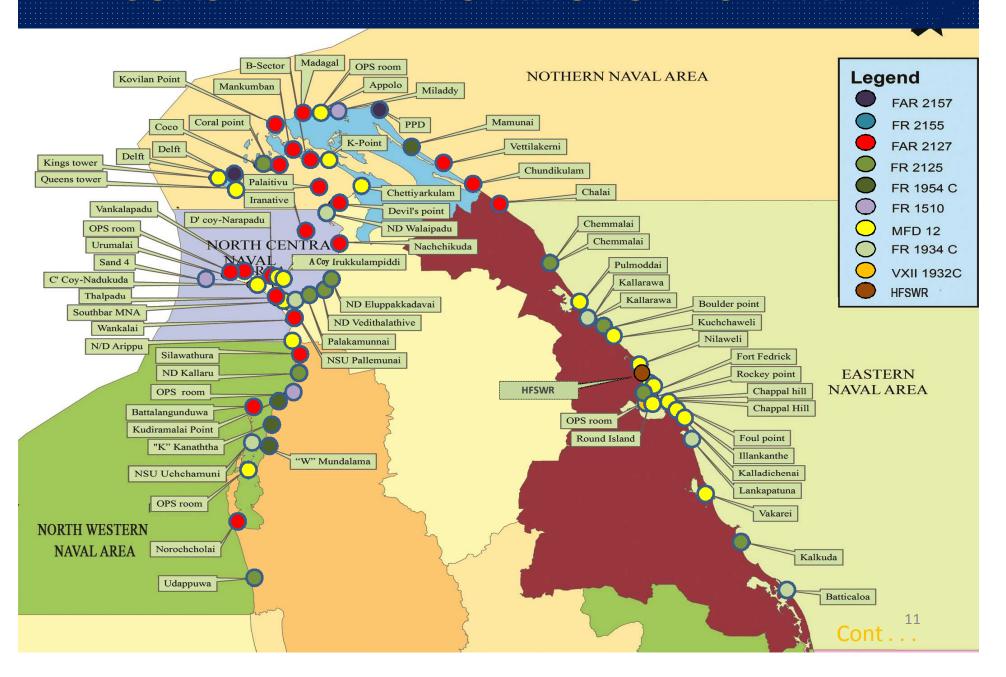
SYSTEMS AVAILABLE AT MRCC COLOMBO

- Automatic Vessel Locating System (AVLS)
- Intergraded Maritime Surveillance System (IMSS)
- E-Broadcast system
- Drift Modeling System
- Merchant Ship Information System (MSIS)
- □ Vessel Monitoring System (VMS)

COASTAL OBSERVATION POINTS (COPs)

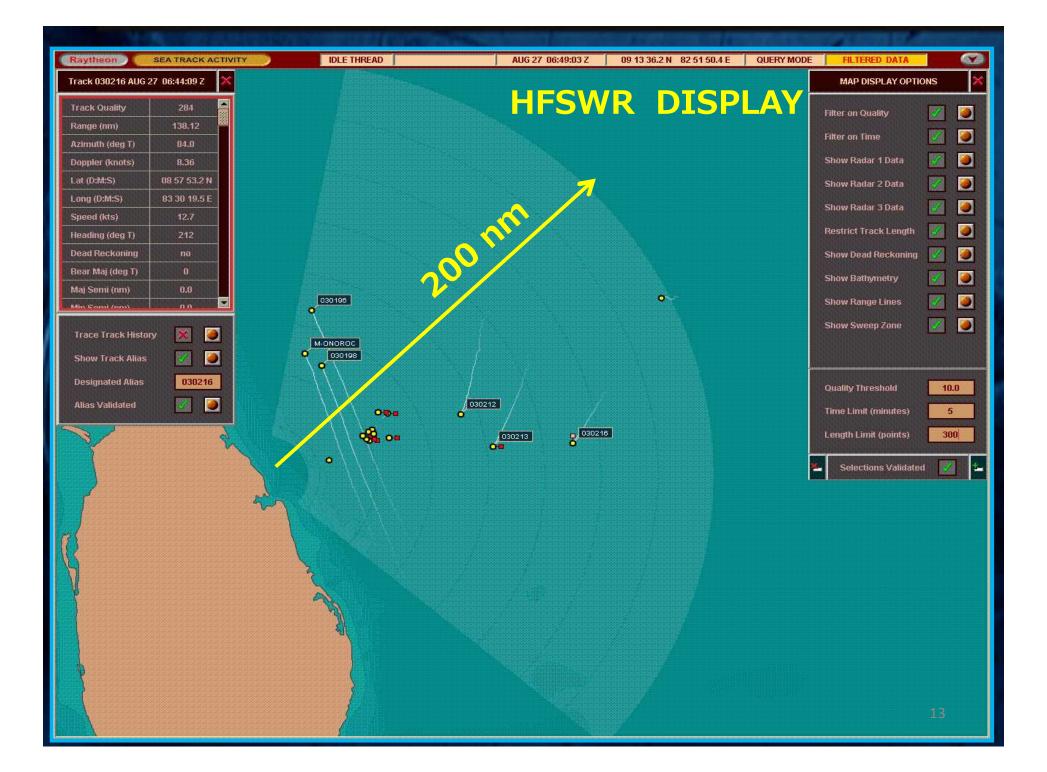


COASTAL RADAR STATIONS IN SL NAVY

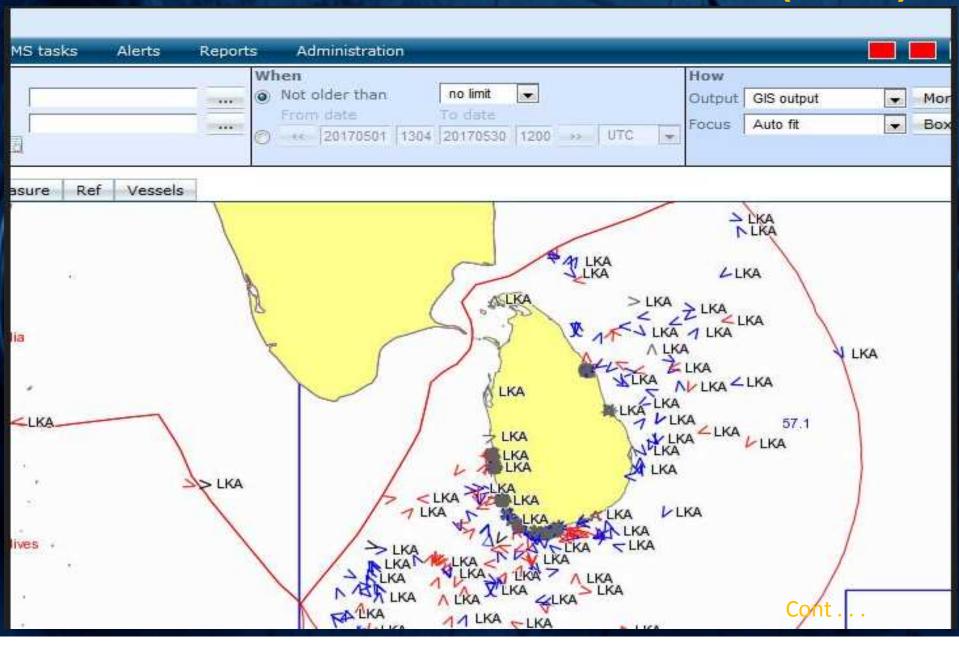


COASTAL RADAR STATIONS IN SL NAVY





VESSEL MONITORING SYSTEM (VMS)



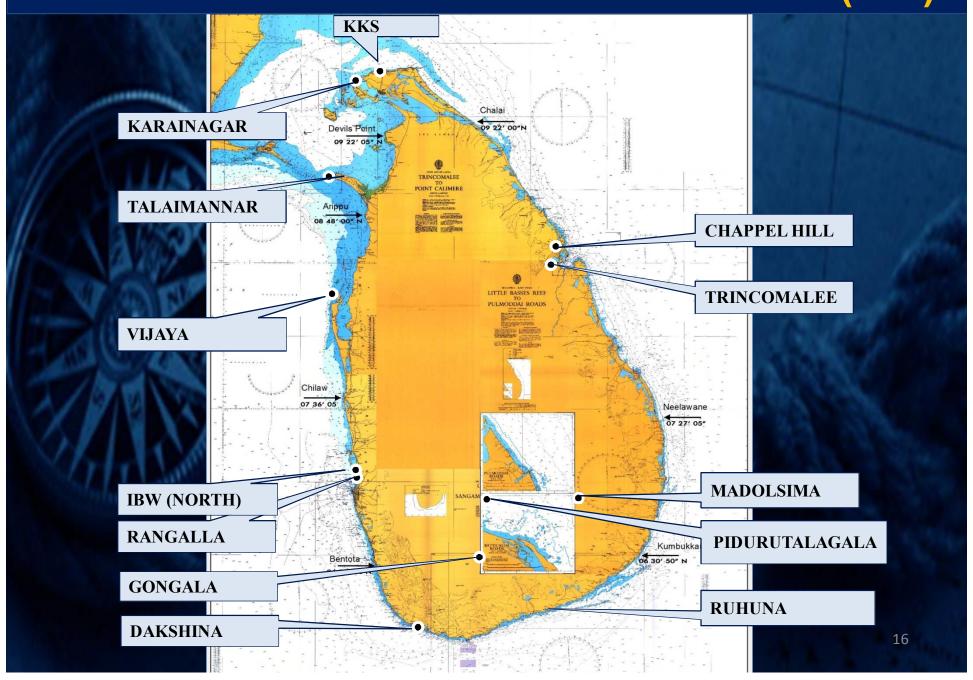
VESSEL MONITORING SYSTEM (VMS)

☐ System delivered by DFAR with a MoU to monitor the movements of Sri Lankan fishing vessels.

Monitored continuously to detect and report the border crossing of FVs

□ At present 1560 crafts can be monitored which are fitted with transponders.

AUTOMATIC IDENTIFICATION SYSTEM (AIS)



AUTOMATIC VESSEL LOCATING SYSTEM (AVLS)



AUTOMATIC VESSEL LOCATING SYSTEM (AVLS)

☐ System is used to monitor SLN fleet units deployed on maritime surveillance/special task and linked up with by UHF network which supported by 10 repeaters.

- □ Colombo(WTC)
- □ Kalpitiya
- ☐ TMNR
- □ Delft
- PPD
- ☐ Trincomalee (ChappelHill)
- □ Arugambay
- **□** Tangalle
- □ Galle

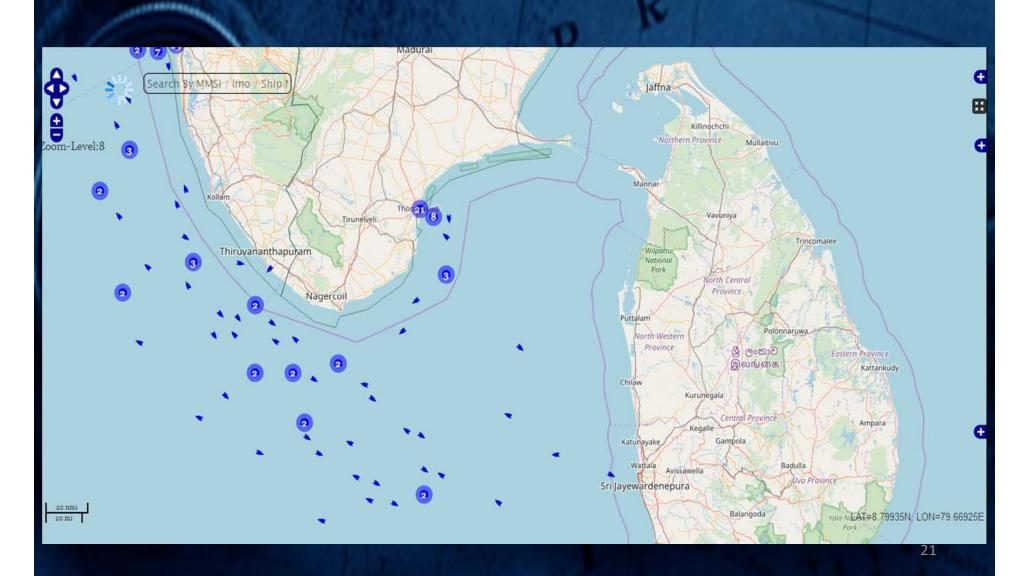
INTERGRADED MARITIME SURVEILLANCE SYSTEM



INTERGRADED MARITIME SURVEILLANCE SYSTEM

- ☐ System developed by SLN R&D department and University of Kalaniya.
- Intergraded with 6 AIS locations.
 - □ Uththara
 - □ Chappel hill
 - Madolsima
 - □ Gongala
 - □ Piduruthalagala
 - □ IBW (N)

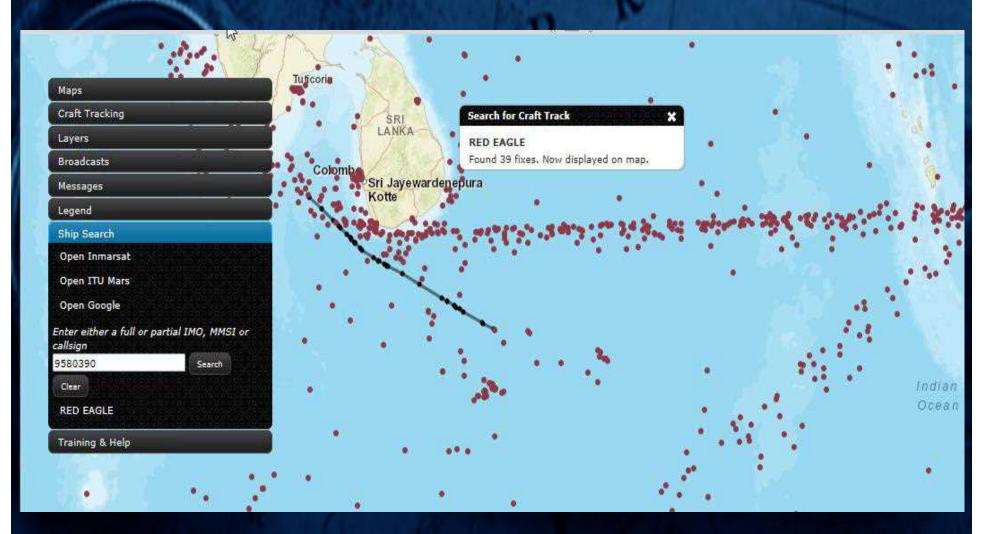
MERCHANT SHIP INFORMATION SYSTEM (MSIS)



MERCHANT SHIP INFORMATION SYSTEM (MSIS)

- MSIS was launched on 21st October 2013 as a joint venture between Sri Lanka and India.
- AIS based system which provides details of merchant ships.
- ☐ Share data collected from AIS stations in both countries.

E-BROADCAST

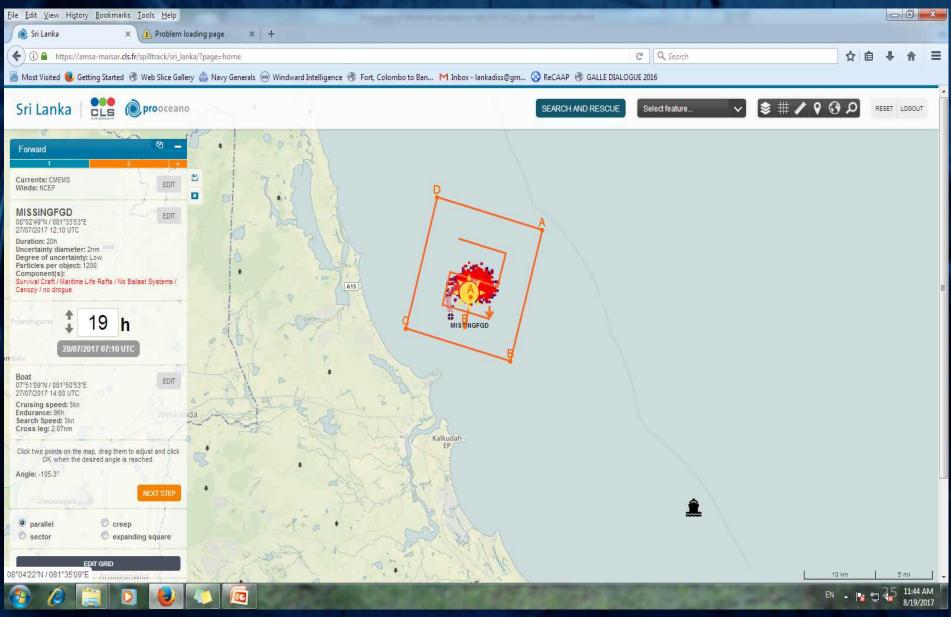


E - BROADCAST

☐ System delivered by Australian Maritime Safety Authority (AMSA).

Designed to assist vessels in distress by broadcasting distress alerts to the ships in area.

DRIFT MODELING SYSTEM



DRIFT MODELING SYSTEM

□ System delivered by AMSA under Search &Rescue Capability Partnership Program (SCPP)

☐ This web based system facilitate to simulate the predicted position of floating objects at sea.

POPOSED SYSTEMS

■ Advance AIS system for target detection

■ Satellite based system for target classification and identification

