

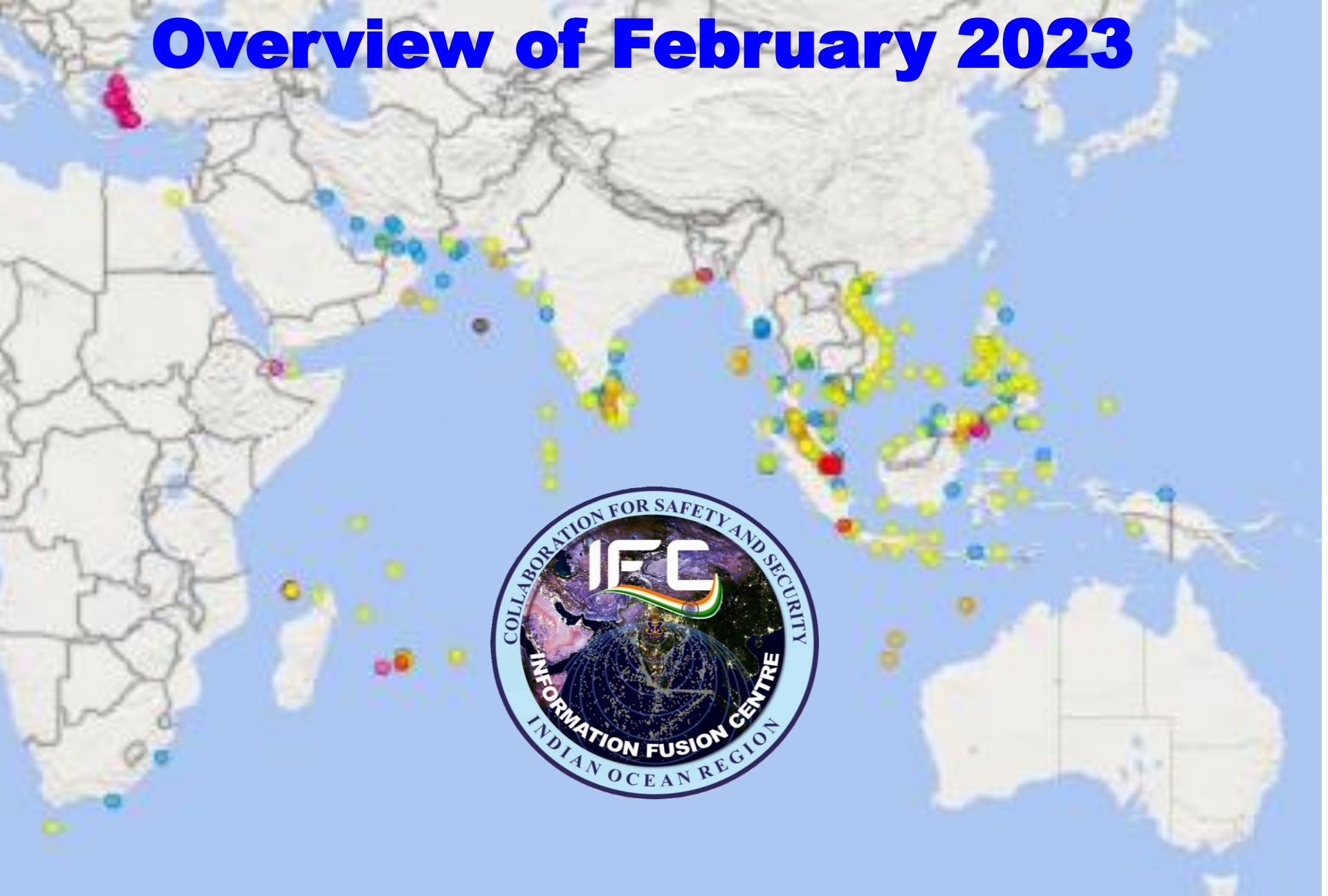
Tackling Piracy and Armed Robbery at Sea:

An Update from India



Vice Admiral Pradeep Chauhan, AVSM & Bar, VSM
Director-General, National Maritime Foundation (NMF), New Delhi
Singapore, 27 April 2023

Overview of February 2023



**Piracy & Armed
Robbery**

**Contraband
Smuggling**

**IUU
Fishing**

**Illegal
Migration**

**Maritime
Incidents**

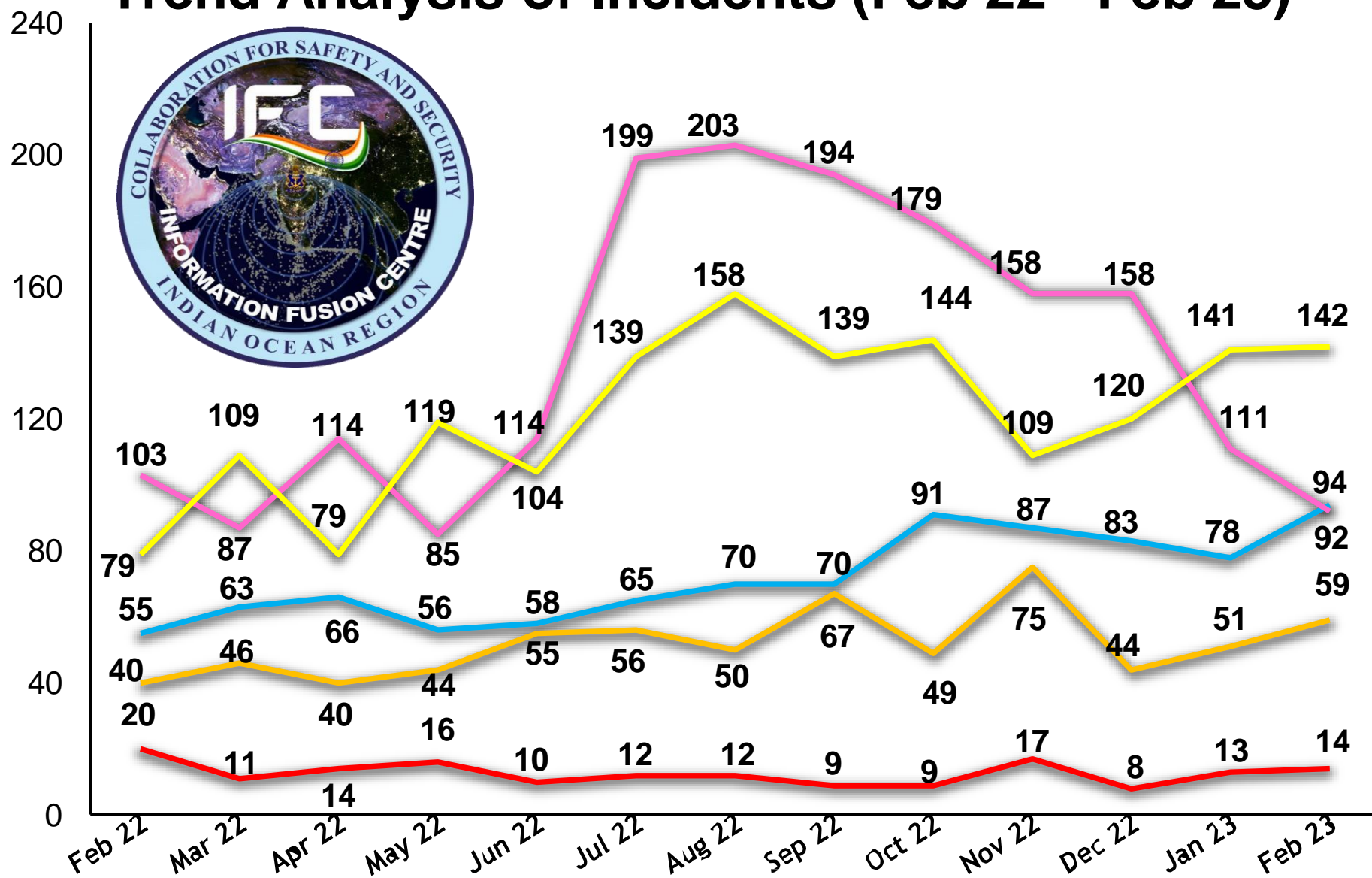
**Maritime
Pollution**

**Cyber
Threats**

Trend Analysis of Incidents (Feb 22 - Feb 23)



Number of Incidents



- Piracy & Armed Robbery
- Contraband Smuggling
- IUU Fishing
- Irregular Human Migration
- Maritime Incident

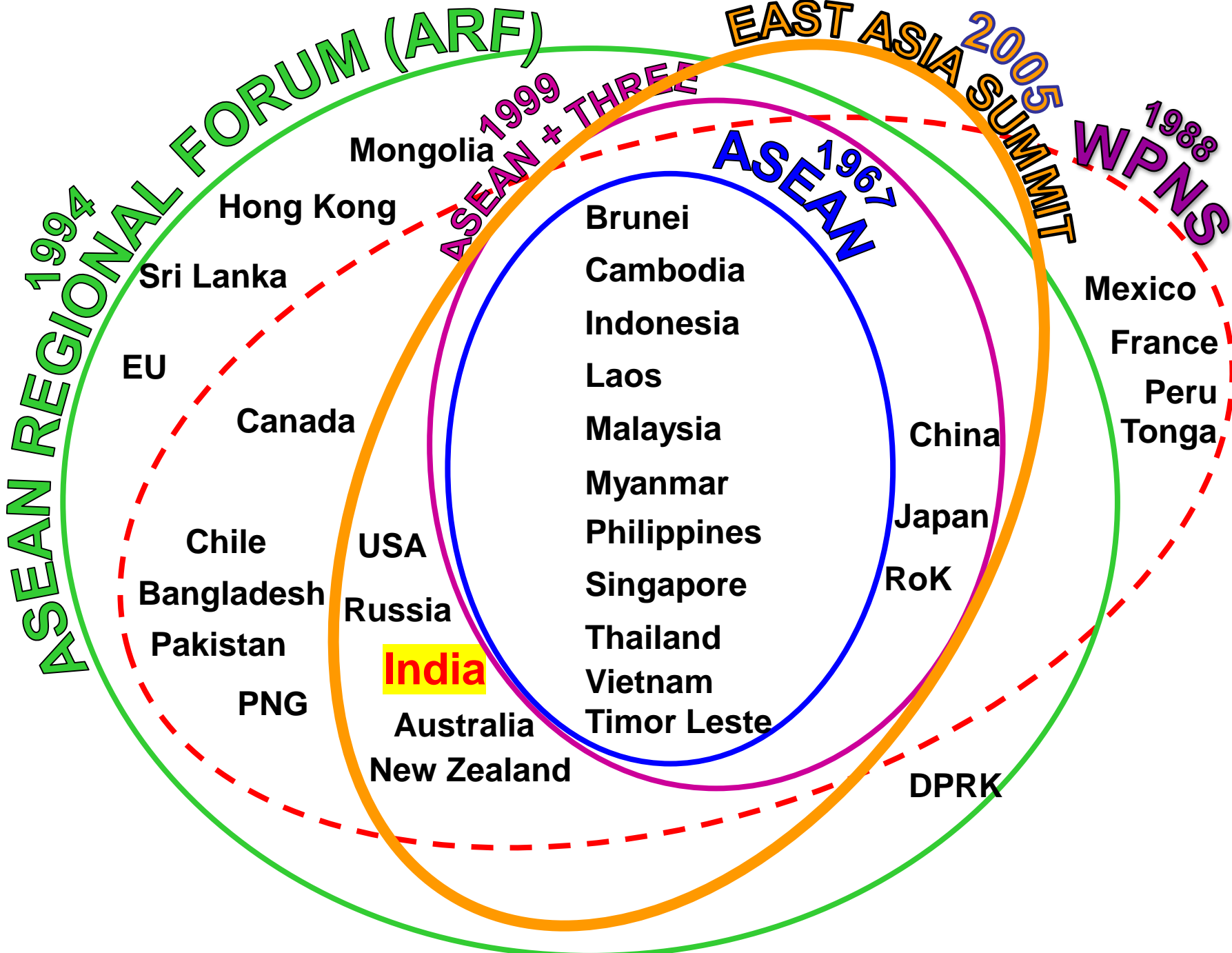


Reinvigorating

India's

International

Outreach



ASEAN REGIONAL FORUM 1994

ASEAN REGIONAL FORUM (ARF)

ASEAN + THREE 1999

ASEAN 1967

EAST ASIA SUMMIT 2005

WPNS 1988

- Mongolia
- Hong Kong
- Sri Lanka
- EU
- Canada
- Chile
- Bangladesh
- Pakistan
- PNG
- USA
- Russia
- India**
- Australia
- New Zealand
- Brunei
- Cambodia
- Indonesia
- Laos
- Malaysia
- Myanmar
- Philippines
- Singapore
- Thailand
- Vietnam
- Timor Leste
- China
- Japan
- RoK
- Mexico
- France
- Peru
- Tonga
- DPRK

1945
ARAB LEAGUE

Algeria
Libya
Syria
Morocco
Lebanon
Mauritania
Palestine
Tunisia

Indian Ocean Naval Symposium (IONS) 1988

CCC
Saudi Arabia
Bahrain
Kuwait
Qatar

Eritrea
Jordan
Sudan
Egypt
Djibouti

Comoros

Mauritius
Madagascar

IOC
1986

Mozambique
South Africa
Tanzania

1980
SADC

Angola
Botswana
Lesotho
DR Congo
Namibia
Zambia
Zimbabwe
Swaziland
Malawi

Iraq
Oman
UAE
Yemen

Somalia

Seychelles

Iran
Kenya

Maldives

Israel
E Timor

1997
IORA

Indonesia
Malaysia
Singapore

France

Australia (2007 & 2018)

India

Bangladesh
Myanmar
Thailand

Sri Lanka

Bhutan
Nepal

1988
WPNS

China
Russia
South Korea
Cambodia
Vietnam
Philippines
Tonga

Pakistan

PNG

Japan

USA

Canada

Chile

Brunei

Mexico

New Zealand

Peru

QUAD

(2007 & 2018)

1997
BIMSTEC

Peru

Feb 2008

2017 Jeddah Amendment to the Djibouti Code of Conduct (DCoC)



26 Aug 2020:

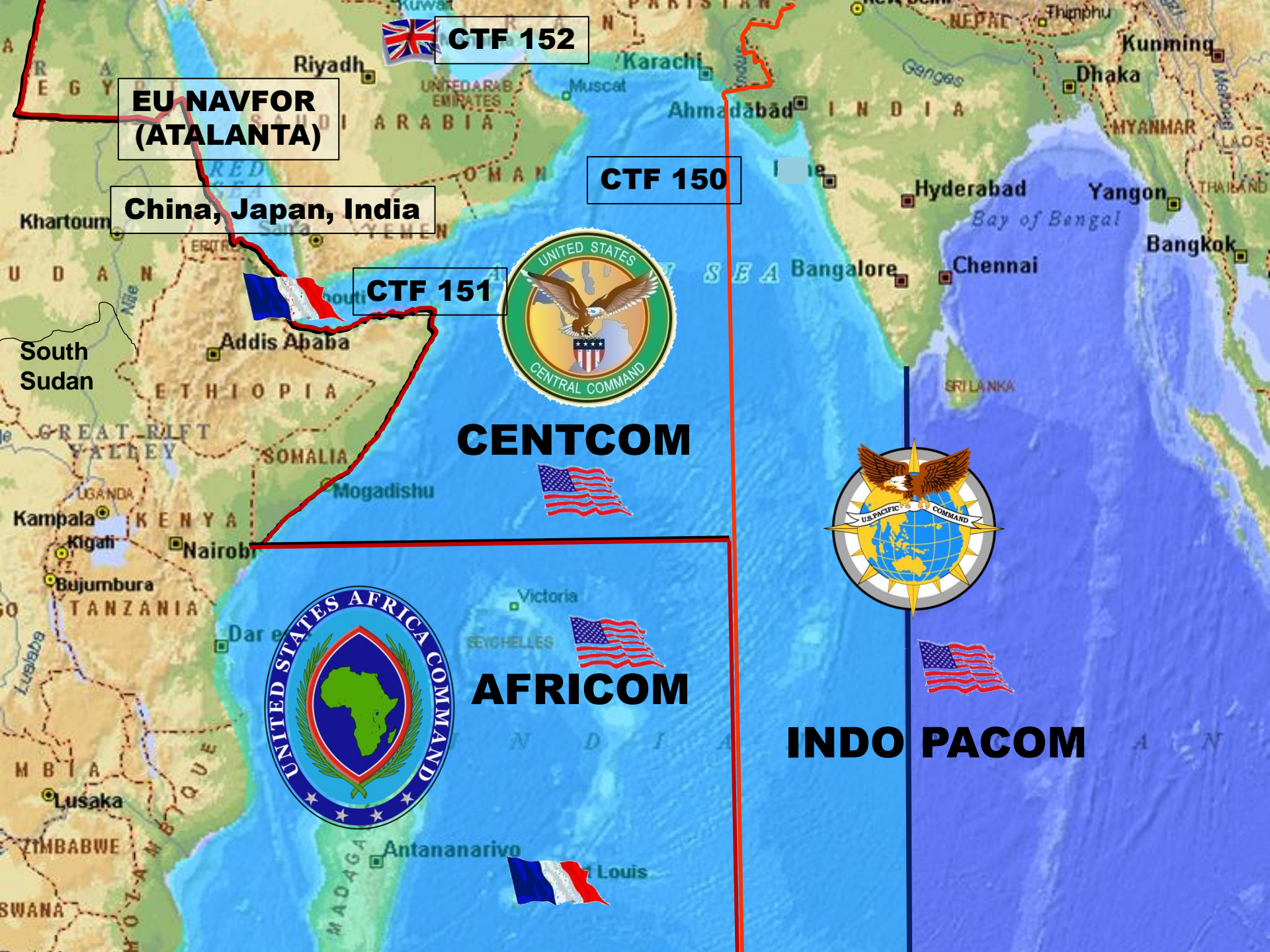
India joined Japan, Norway, the UK, and the USA, as an 'Observer'



WFP



INS *Trikand* escorting MV *Annika*, a UN-affiliated merchant ship transporting relief material from Berbera (Somaliland) to Mombasa (Kenya) through piracy prone waters. Such missions underline the Indian Navy's commitment to the countering of piracy and armed robbery in the Indian Ocean Region



CTF 152

**EU NAVFOR
(ATALANTA)**

China, Japan, India

CTF 150

CTF 151



CENTCOM



AFRICOM



INDO PACOM



- 
- **At the ‘India-US 2+2’ held in April 2022, India announced that it would join the Combined Maritime Forces (CMF) as an Associate Partner**
 - **The CMF (*comprising three task forces: CTF 150 [maritime security and counter-terrorism], CTF 151 [counter-piracy] and CTF 152 ‘Persian Gulf security and cooperation’*) is a 34-nation US-led naval partnership to promote security, stability and prosperity across approximately 3.2 million square miles of international waters, which encompass some of the world’s most important shipping lanes.**
 - **In July 2022, the Indian Navy’s Deputy Chief of Naval Staff (DCNS) Vice Admiral Sanjay Mahindru, visited CMF HQ in Bahrain**
 - **An Indian Navy Liaison Officer has been posted at the US Central Command (CENTCOM) in Bahrain**



INS *Sunayna* (An advanced “Naval Offshore Patrol Vessel” [NOPV]) participated in in the CMF’s capacity-building exercise SOUTHERN READINESS at /off Seychelles from 24 to 27 September 2022

INS Trikand participates in **'Sea Sword 2'**

counter-terrorism, anti-narcotics drill



November 2022:

INS *Trikand* participated in the JMSDF-led CMF-B Exercise "SEA SWORD 2" in the north-west Arabian Sea





26 Feb to 16 Mar 23:



INS *Trikand* participated in the “International Maritime Exercise/ Cutlass Express 2023” (IMX/CE-23) organized by AFRICOM, and aimed at combating piracy, armed robbery and threats to international sea lanes (ISLs)

26 Feb to 16 Mar 23:

INS *Trikand* participated in the “International Maritime Exercise/ Cutlass Express 2023” (IMX/CE-23) organized by AFRICOM, and aimed at combating piracy, armed robbery, and other threats to International Sea Lanes (ISLs)





On 31 January 2023, the Hon'ble President of India gave her assent to the Maritime Anti-Piracy Act, 2022. The Act, which **came into force on 22 February 2023** has been enacted to give effect to UNCLOS (1982) provisions relating to the repression of piracy on the high seas and for matters connected therewith or incidental thereto



UNODC

United Nations Office on Drugs and Crime

COORDINATED MARITIME PRESENCE: NWIO

- Uses existing naval and air assets of EU Member State, which are present or are deployed on a voluntary basis in these Maritime Areas of Interest
- Relies on enhanced coordination of naval and air assets, **which remain under national command**
- Provides continuity, complementarity and synergy via the MARSUR network

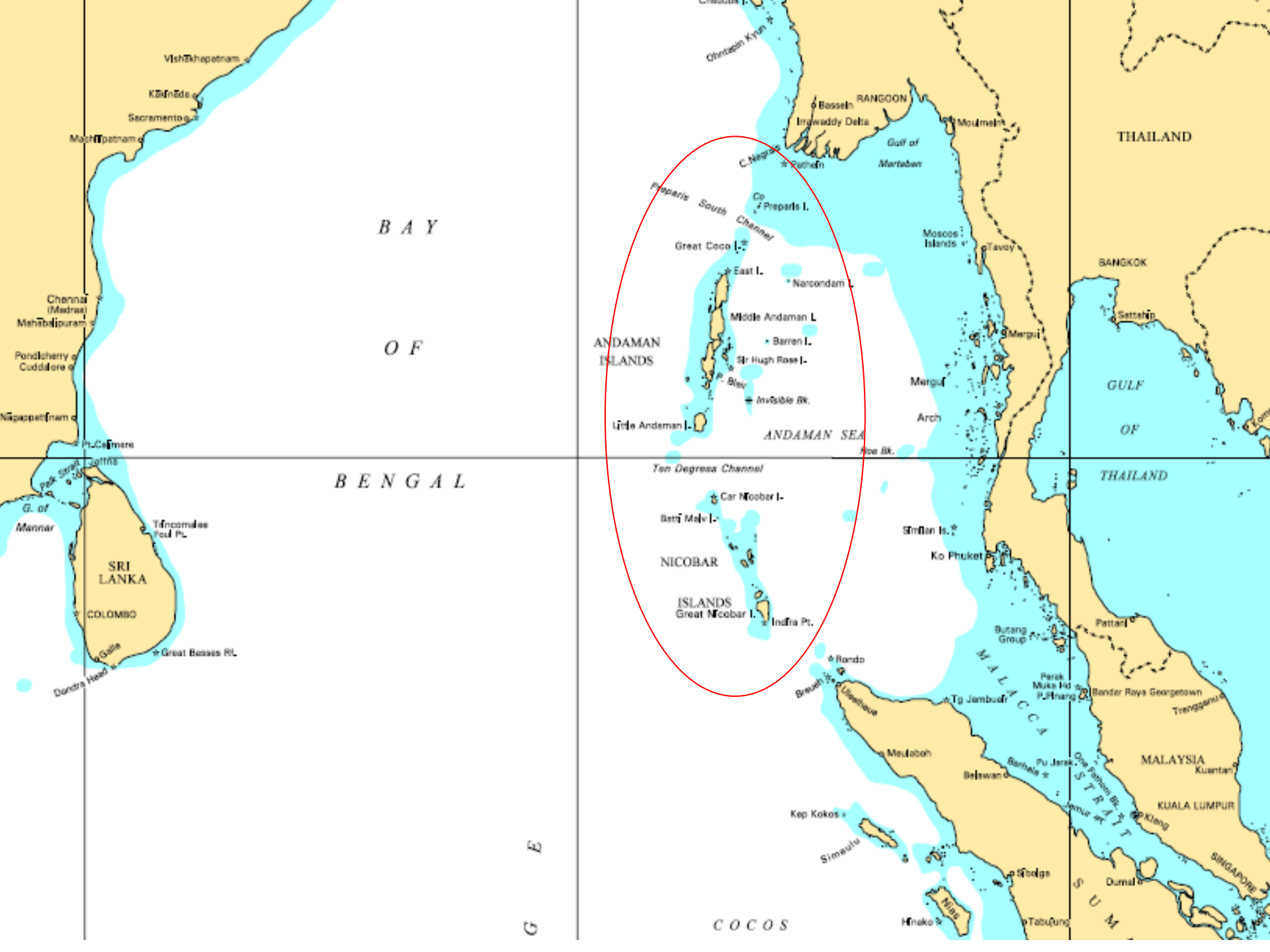


Strait of Hormuz
to the Tropic of
Capricorn

North of the Red
Sea towards the
centre of the
Indian Ocean

21 February 2022:

EU launched the CMP in the North Western Indian Ocean as a Maritime Area of Interest (MAI)



BAY

O F

BENGAL

ANDAMAN ISLANDS

Ten Degree Channel

NICOBAR

ISLANDS

G E

C O C O S

THAILAND

BANGKOK

SARAJEVO

GULF OF

THAILAND

MALACCA

MALAYSIA

KUALA LUMPUR

DUMAI

SINGAPORE

SUM

Vishakhapatnam

Krishna

Sacramento

Machilipatnam

Chennai (Madras)

Mahabalipuram

Pondichery Cuddalore

Nagapattinam

Palakkad

Palk Strait

G. of Mannar

SRI LANKA

COLOMBO

Dondra Head

Great Basses RL

Chennai

Chennai Kyan

Bassein

RANGOON

Ingrawaddy Delta

Gulf of Martaban

Moulmein

C. Negra

Preparis South Channel

Co. Preparis I.

Great Coco I.

East I.

Narcondam I.

Middle Andaman L.

Barren I.

St. Hugh Rose I.

St. Bl.

Invincible BR.

Little Andaman I.

ANDAMAN SEA

How BR.

Car Nicobar I.

Beti Malv I.

NICOBAR

ISLANDS

Great Nicobar I.

India Pt.

Srihan Is.

Ko Phuket

Burang Group

Parak Muka Hid

Puffang

Bander Rays Georgetown

Terengganu

Pattani

Tg Jambuan

Pu Jara

Barhale

Belawan

Kep Kokos

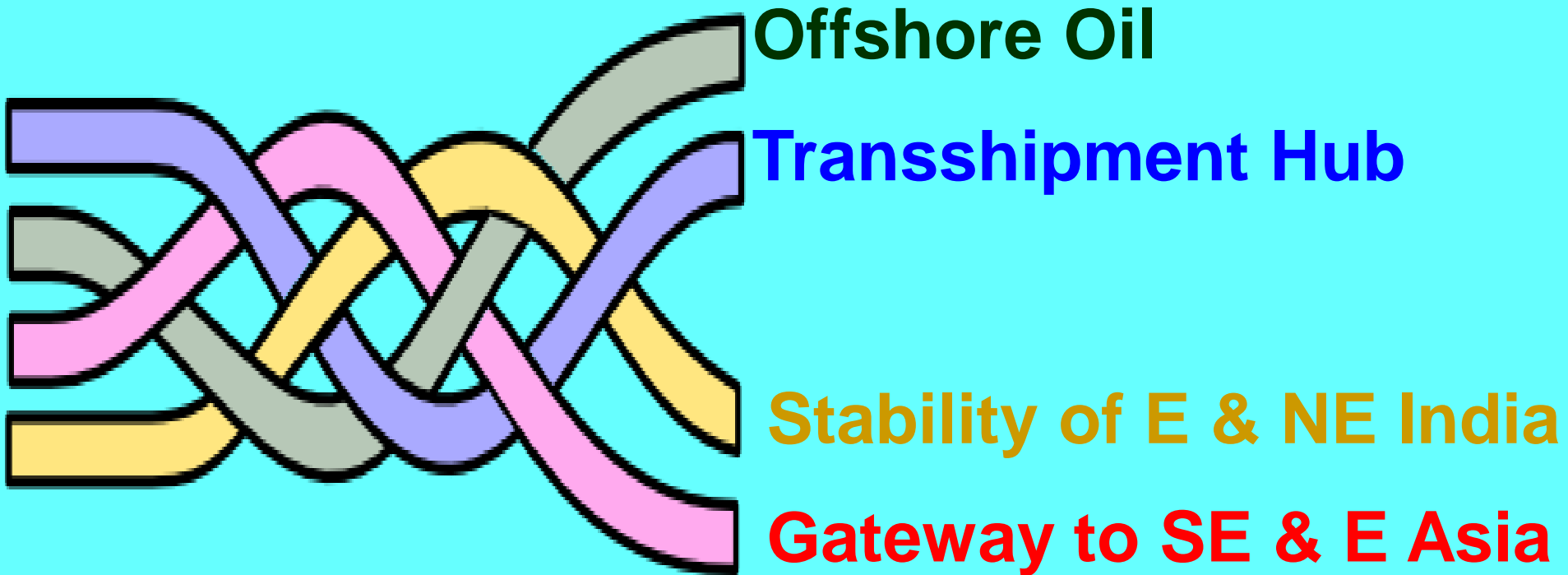
Simeulu

Hnako

Tabuung

SUM

A & N Islands: Four Strategic Strands



“India is making a big push for oil and gas exploration in the Andaman deep-water basin,” and ONGC is in talks with ExxonMobil and Shell for a *“possible participation in the Andaman offshore exploration programme”* involving 304 wells

30 June 2022



<https://economictimes.indiatimes.com/industry/energy/oil-gas/india-makes-a-big-push-for-oil-and-gas-exploration-in-andaman/articleshow/92531416.cms?from=mdr>

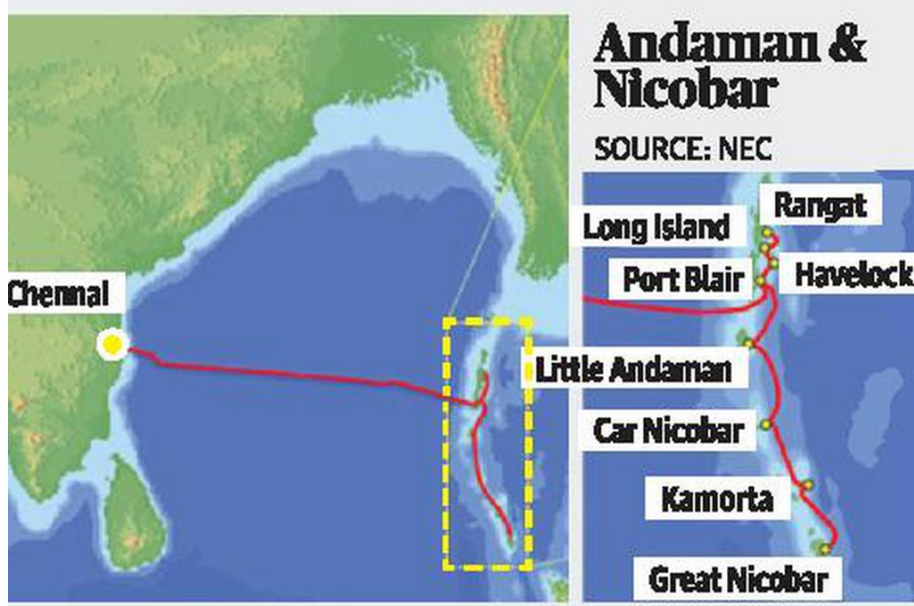
100 GIGABIT PER SEC SPEED

Representative Image

- > The CANI cable system will have speed of 100 gigabit per second
- > The eight islands to be connected with Chennai include Port Blair, Little Andaman (Hut bay), Car Nicobar, Kamorta, Great Nicobar (Campbell bay), Havelock, Long and Rangat Islands
- > It will provide secure, reliable, robust, affordable



- telecom facility to these islands
- > The total route length of the project is estimated to be 2,200 km
- > NEC Corporation, a Japanese company, will handle the project



Chennai-Andaman & Nicobar Islands (CANI) Cable Project

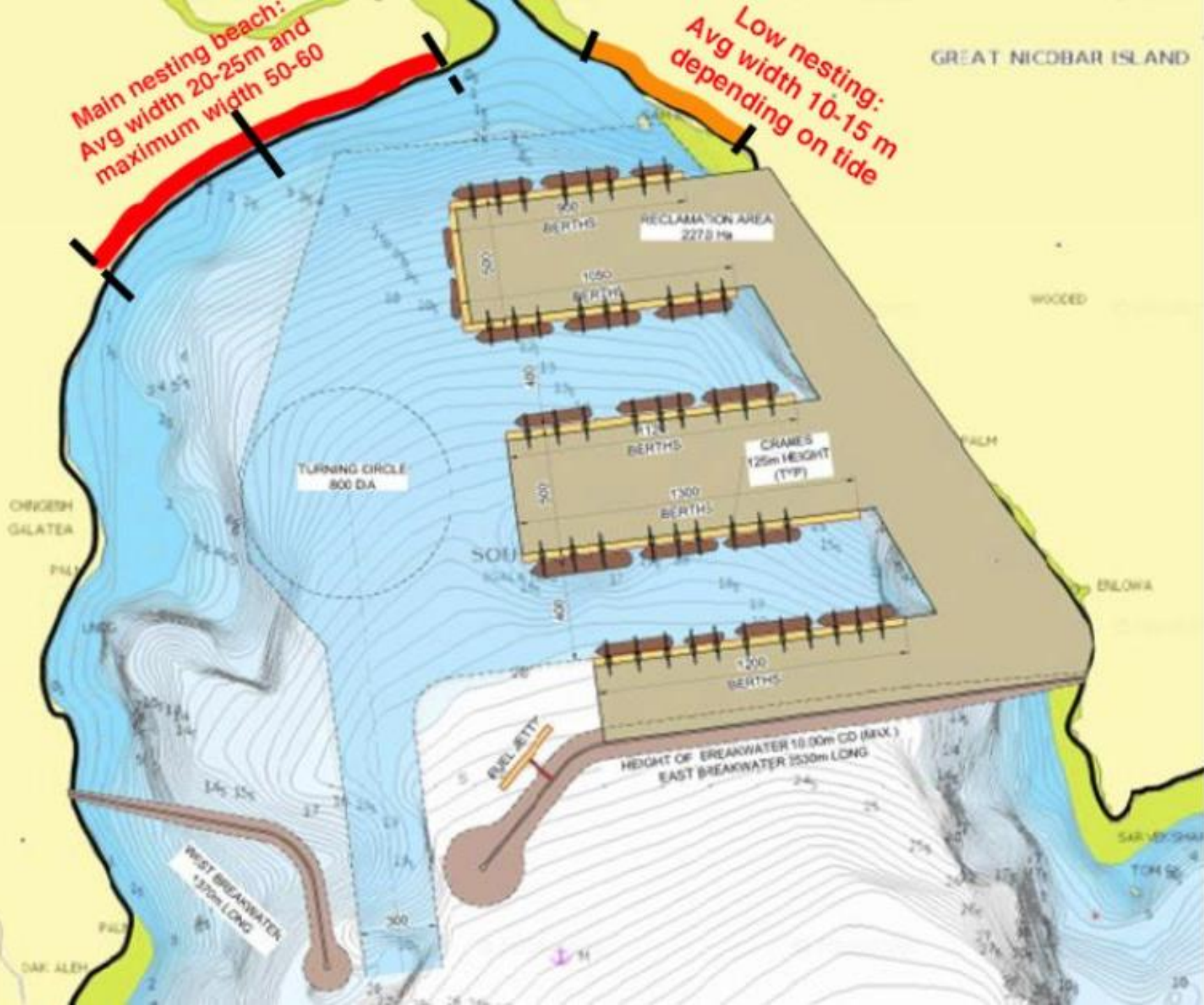




Galathea Bay

Main nesting beach:
Avg width 20-25m and
maximum width 50-60

Low nesting:
Avg width 10-15 m
depending on tide



TURNING CIRCLE
800 DA

200
BERTHS

RECLAMATION AREA
2270 Mw

1050
BERTHS

1200
BERTHS

CRANES
125m HEIGHT
(TYP)

1300
BERTHS

SOIL

1200
BERTHS

HEIGHT OF BREAKWATER 10.00m CD (MAX.)
EAST BREAKWATER 1500m LONG

WEST BREAKWATER
1370m LONG

FUEL BERTH

↑ N



IUU FISHING

If IUU fishing is not arrested, it frequently morphs into:



ARMS & DRUG TRAFFICKING

If IUU fishing is not arrested, it frequently morphs into:

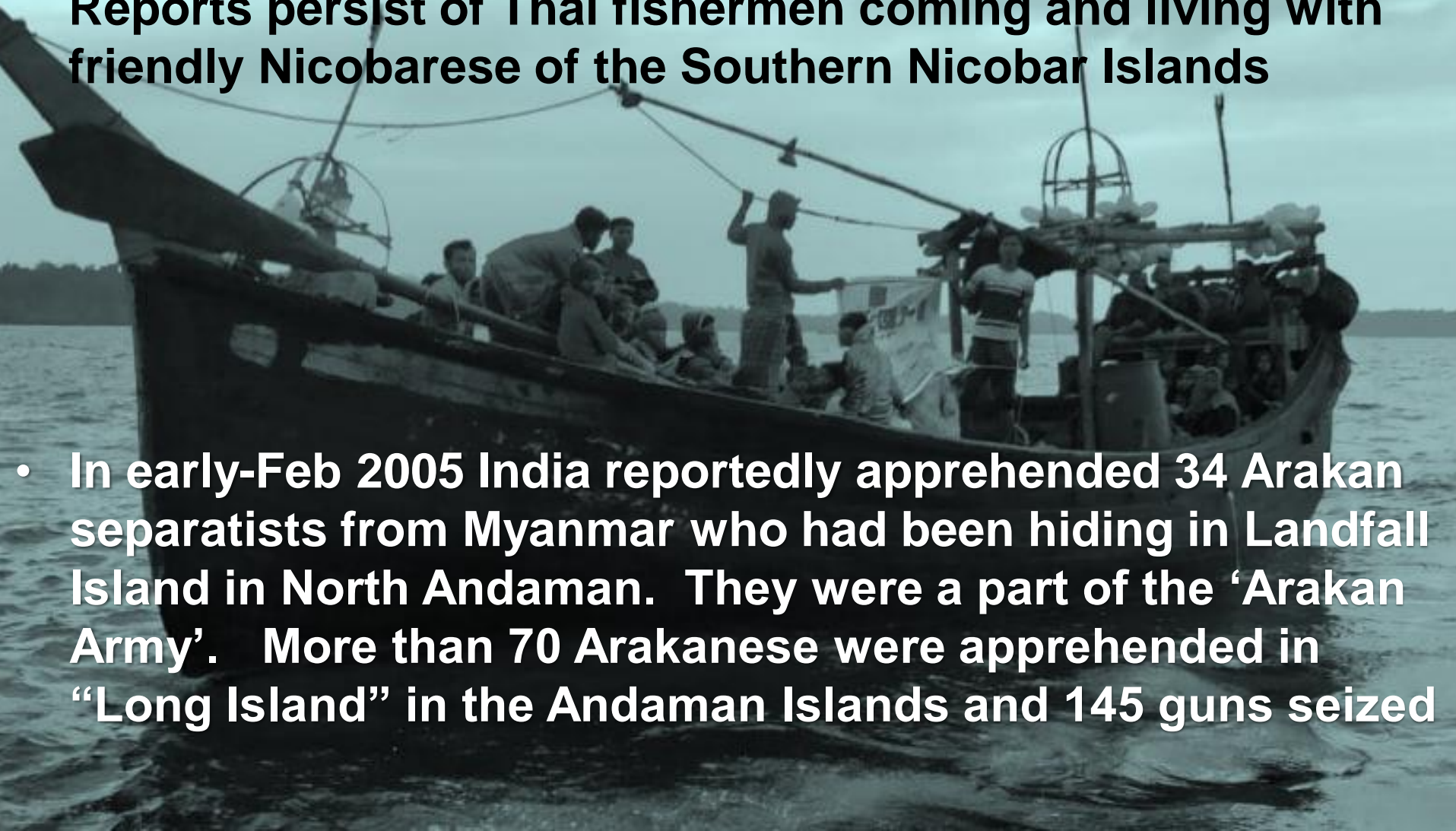


HUMAN TRAFFICKING

Illegal Immigration



- **Even as early as 2003, illegal immigrants from Myanmar, Bangladesh and Sri Lanka were believed to be in the Andamans, using fake Indian “Ration Cards”, which are, in many instances, considered to be valid “Identity Cards”. Reports persist of Thai fishermen coming and living with friendly Nicobarese of the Southern Nicobar Islands**



- **In early-Feb 2005 India reportedly apprehended 34 Arakan separatists from Myanmar who had been hiding in Landfall Island in North Andaman. They were a part of the ‘Arakan Army’. More than 70 Arakanese were apprehended in “Long Island” in the Andaman Islands and 145 guns seized**

BAY OF BENGAL

Diglipur ①

Port Blair ②

Car Nicobar ③

Camorta ④

Campbell Bay ⑤

ANDAMAN & NICOBAR ISLANDS

- ① NAS Shibpur
- ② Tri-service command
- ③ Carnic air force base
- ④ INS Kardip
- ⑤ NAS Baaz





INS BAAZ



SOUTHERN MOST AIRPORT OF INDIA

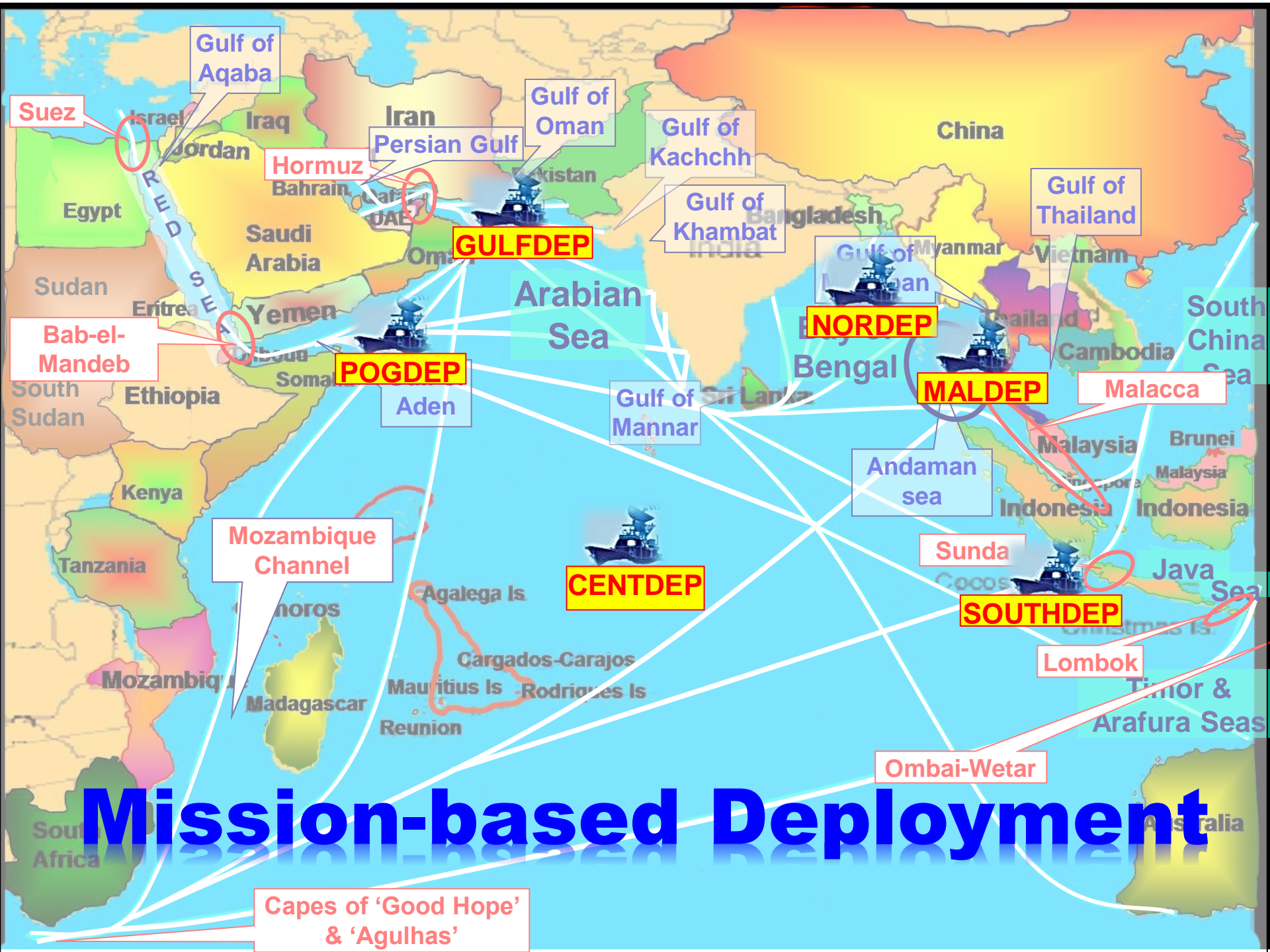
ELEVATION - 09 FT
LAT - 07°00'47" N
LONG - 93°55'25" E



INS KARDIP



INDIAN NAVY – COMBAT READY FORCE FOR NATIONAL SECURITY



Suez

Gulf of Aqaba

Persian Gulf

Gulf of Oman

Gulf of Kachchh

Gulf of Khambat

Gulf of Man

Gulf of Thailand

GULFDEP

NORDEP

POGDEP

MALDEP

Aden

Gulf of Mannar

Andaman sea

CENTDEP

SOUTHDEP

Mozambique Channel

Sunda

Lombok

Ombai-Wetar

Capes of 'Good Hope' & 'Agulhas'

Mission-based Deployment



Philippine Sea

**South
China
Sea**

**Sulu
Sea**

**Celebes
Sea**

Indonesia

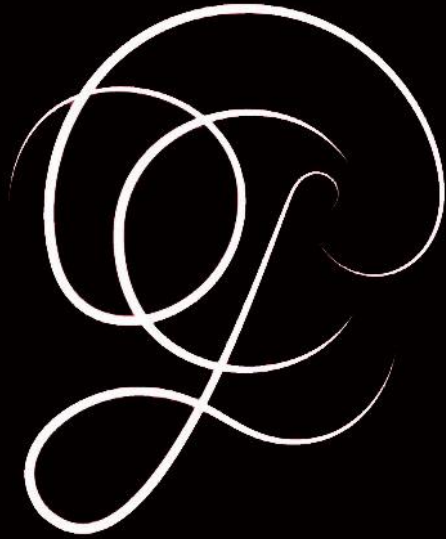


“INDOMALPHI” (wef June 2017)

Indonesia–Malaysia–Philippines Trilateral Maritime Patrols

Questions?

Comments?



Discussions