



IMX/CE 2022

IMX/CE 2022 Overview

A Brief History of IMX

Overall classification: UNCLASSIFIED

Not Approved by CUSNC



International Maritime Exercise/Cutlass Express 2022 (IMX/CE22)

Nature of Brief

- Informational
- Info Level: Action Officer/Exercise Planner
- Source Documents:
 - Legacy Briefs
 - Partner Nation/Industry Inputs

Problem Statement / Issue

- Provide a brief on the planning and execution of IMX/CE22, including Invitees and Joint Exercise Lifecycle (JELC), to gain partner nation and international organization interest and participation.

Background / Actions to Date

- IMX is a biennial multilateral exercise in the Arabian Gulf, Red Sea, and Indian Ocean.
- This is the second iteration of IMX combined with the annual AFRICOM exercise Cutlass Express.
- Combining the exercises extends IMX/CE through the whole Western Indian Ocean.

Requested Outcomes

- Proposed participant units/assets
- Potential scenarios for exercise serials
- Participant requested exercise serials
 - “What would you like to do?”



IMCMEX/IMX Exercise Review

IMCMEX (2012-2016) - IMX 2017

Exercise a Joint Maritime Force that strengthens relationships, foster interoperability among operational and supporting forces, and enhance theater capability and capacity. (2012 - 2016)

- **IMCMEX trained a Multinational Force capability and readiness to maintain freedom of navigation and open Sea Lines of Communications (SLOCs) within the USCENTCOM AOR.**
- **The success of this mission had global economic implications.**
- **Maritime Security Operations Objectives**
 - **Exercise Command and Control as Sea Combat Commander (SCC)**
 - **Defend CENTCOM AOR Sea Lines of Communication (SLOCs)**
 - **Work with industry and utilize NCAGS to coordinate and exercise responses to threats to commercial shipping**
- **Use MCM Capability as Necessary to Ensure Freedom of Navigation**



IMCMEX 2012

Objectives

Participants

- Conduct IMCMEX 12 safely.
- Demonstrate cooperation and interoperability among international MCM forces.
- Enhance mine countermeasures tactical proficiency.
- Strengthen security cooperation efforts.
- Demonstrate capability to respond to simultaneous threats.
- Exercise multi-lateral command, control, communications, computers and intelligence (C4I).
- Demonstrate airborne, surface, and underwater MCM interoperability.
- Strengthen partnership among participating countries.

- | | | |
|-------------|---------------|---------------------|
| • Australia | • Italy | • Pakistan |
| • Bahrain | • Japan | • Republic of Korea |
| • Brazil | • Jordan | • Saudi Arabia |
| • Canada | • Kazakhstan | • Singapore |
| • Chile | • Kuwait | • Spain |
| • Denmark | • Lebanon | • Sweden |
| • Djibouti | • Malaysia | • Thailand |
| • Estonia | • Netherlands | • UAE |
| • France | • New Zealand | • UK |
| • Germany | • Norway | • US |
| • Iraq | • Oman | • Yemen |

OPAREAS



Staff Officers, LNOs, and Observers





IMCMEX 2013

Objectives

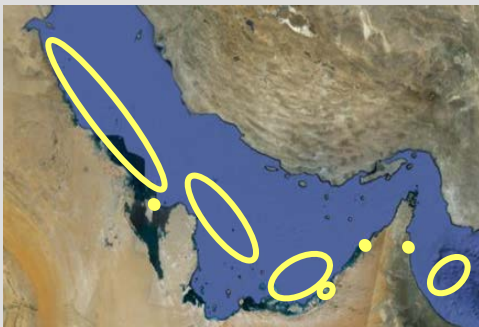
- Conduct a joint, multilateral, defensive exercise with an MCM focus
- Exercise a Multi-National Task Force
- Exercise multinational mine countermeasures and support assets in MCM serials
- Conduct multilateral defense and support operations
- Conduct Naval coordination and guidance to shipping
- Conduct maritime security operations
- Conduct a maritime infrastructure protection symposium
- Exercise command and control of joint multinational forces
- Exercise Joint, Multi-national C4I
- Engage leadership at every level

Summary

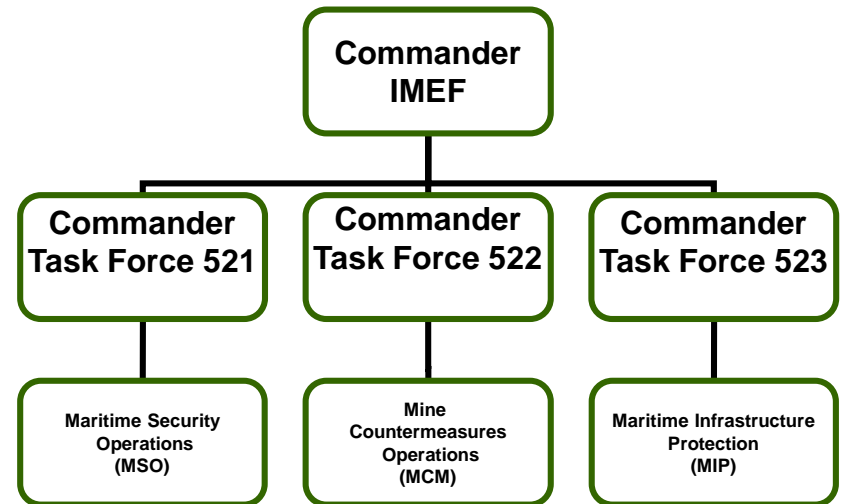
- 40 Countries
- 7700 Personnel
- 3 X MH53E Helicopters
 - 25 flight hours
- 35 ships & vessels
 - 2 X AFSBs
 - 16 X Mine Hunters
 - 10 X Force Protection platforms
- 116 MCM divers
 - 91 MCM dives
- 17 Unmanned Underwater Vehicles (UUVs)

Operational Areas

Tactical



Synthetic



IMCMEX 2014



Exercise Summary

5200 military participants
700+ civilian industry participants
43 nations
36 ships
11 combined staffs
145 divers
34 civilian merchant vessels
10 Escorts /15 Boardings



Platforms

Technologies

Personnel



Expansive Operating Areas

Highlights

43 square NM of MCM hunt
26 square NM of MCM Sweep
10 Hours AMCM TOW
6 Hours ALMDS
56 mines found
5 ports protected/secured
3 ports opened/maintained open
20 IEDs found /14 IEDs neutralized

Unmatched in MCM, MSO, MIPS, and Industry scope and participation



IMCMEX 2015

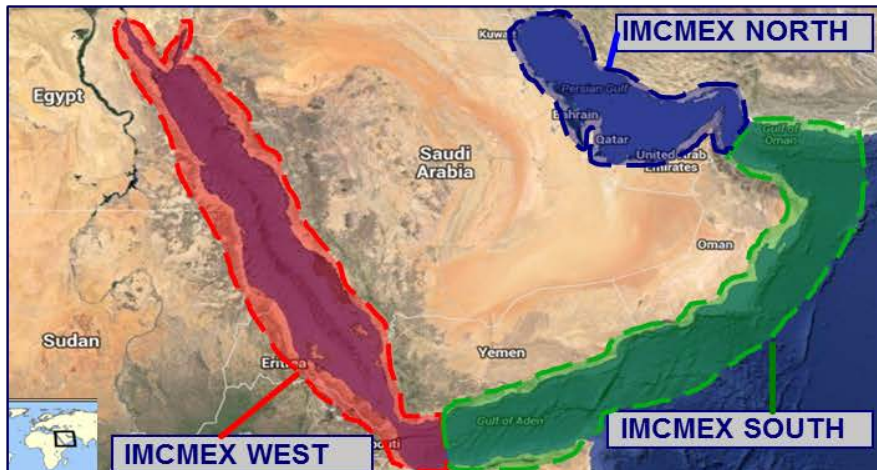
Outline

- **What:** International Mine Countermeasures Exercise (IMCMEX)
- **Who:** 75 partner nations invited, 2 Coalitional Forces (North Atlantic Treaty Organization (NATO) and Admiral Benelux (ABNL)) participating, 2 shipping organizations supporting, and emerging industry technologies incorporated
- **When:** 27 Oct – 13 Nov 2014
- **Where:** Manama, Bahrain; Arabian Gulf, Gulf of Oman, Gulf of Aden and Red Sea
- **Why:** Strengthen relationships, foster interoperability among supporting forces, and enhance theater-wide MCM, maritime security operations, and maritime infrastructure protection capabilities and multinational command and control

Exercise Summary

- 5200 military participants
- 700+ civilian industry participants
- 43 nations
- 36 ships
- 11 combined staffs
- 145 divers
- 34 civilian merchant vessels
- 10 Escorts /15 Boardings

Operating Areas

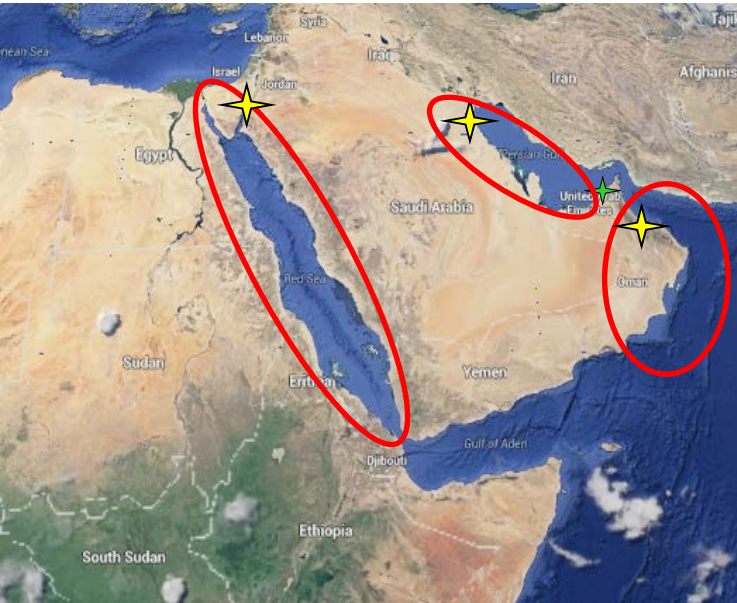


Engagement

- **Key Leader Engagements:** Maritime Infrastructure Protection Symposium (MIPS) and Distinguished Visitor Tour
- **Staff Collaboration:** International Maritime Exercise Force (IMEF) and Commander Task Forces (CTF)
- **Maritime Security Operations:** Visit, Board, Search and Seizure (VBSS) seminar and at-sea practical, convoy operations, Search and Rescue, and Medical Evacuations
- **Mine Countermeasures:** Air, Surface, and Underwater MCM operations, Mine hunting, and MCM defense
- **Maritime Infrastructure Protection:** Force protection, harbor clearance, dive casualty response and tactical demonstrations



IMCMEX 2016



Total Estimated Military Participants: 3,524

Total Estimated Civilian Participants 400

Total Estimated Participants approx 3,924

VBSS Seminar – 84 Personnel

36 Warships

Industry – 12 Companies, 73 Ships offered for interaction.

Industry – 13 Ships conducted interactions.

Participants (35 Countries)

CENTCOM: Bahrain, Iraq, Jordan, Kuwait, Lebanon, Oman, Pakistan, Qatar, Saudi Arabia, United Arab Emirates, Yemen

EURCOM: Azerbaijan, Belgium, Denmark, France, Germany, Greece, Italy, Netherlands, Norway, Turkey, Ukraine, UK

AFRICOM: Djibouti, Seychelles

PACOM: Australia, India, Japan, Singapore, South Korea, Thailand

NORTHCOM: Canada

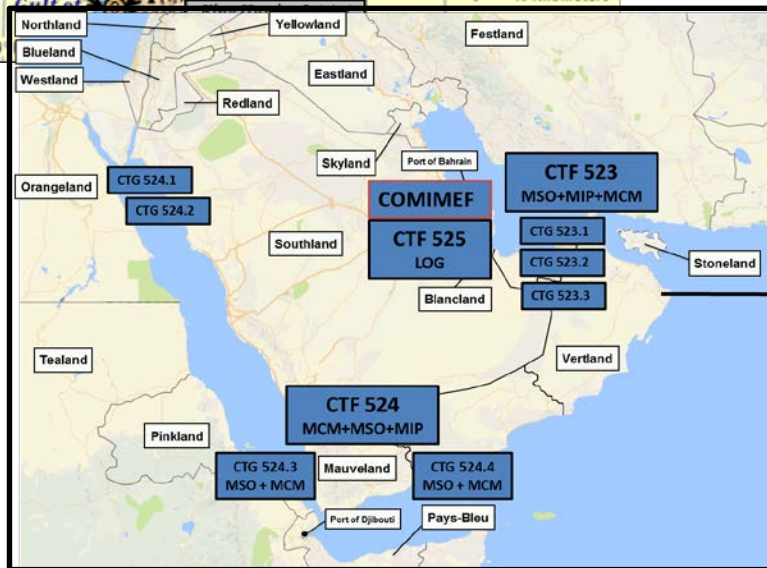
SOUTHCOM: Brazil

Other Organizations: NATO, OCIMF, UKMTO, CMF



IMX 2017

EL 17 HICON Support Area Laydown



- Renamed IMX
- Focus on MSO with NCAGS, MIPS and MCM
- Switch to bi-annual exercise off cycle with RIMPAC
- CPX conducted with Eager Lion 17
 - 25 coalition partner nations
 - 80 plus participants
 - Stood up IMEF Staff



IMX/CE 19 Exercise Area

★ Exercise Concentration Area

① VBSS/EOD DIVE

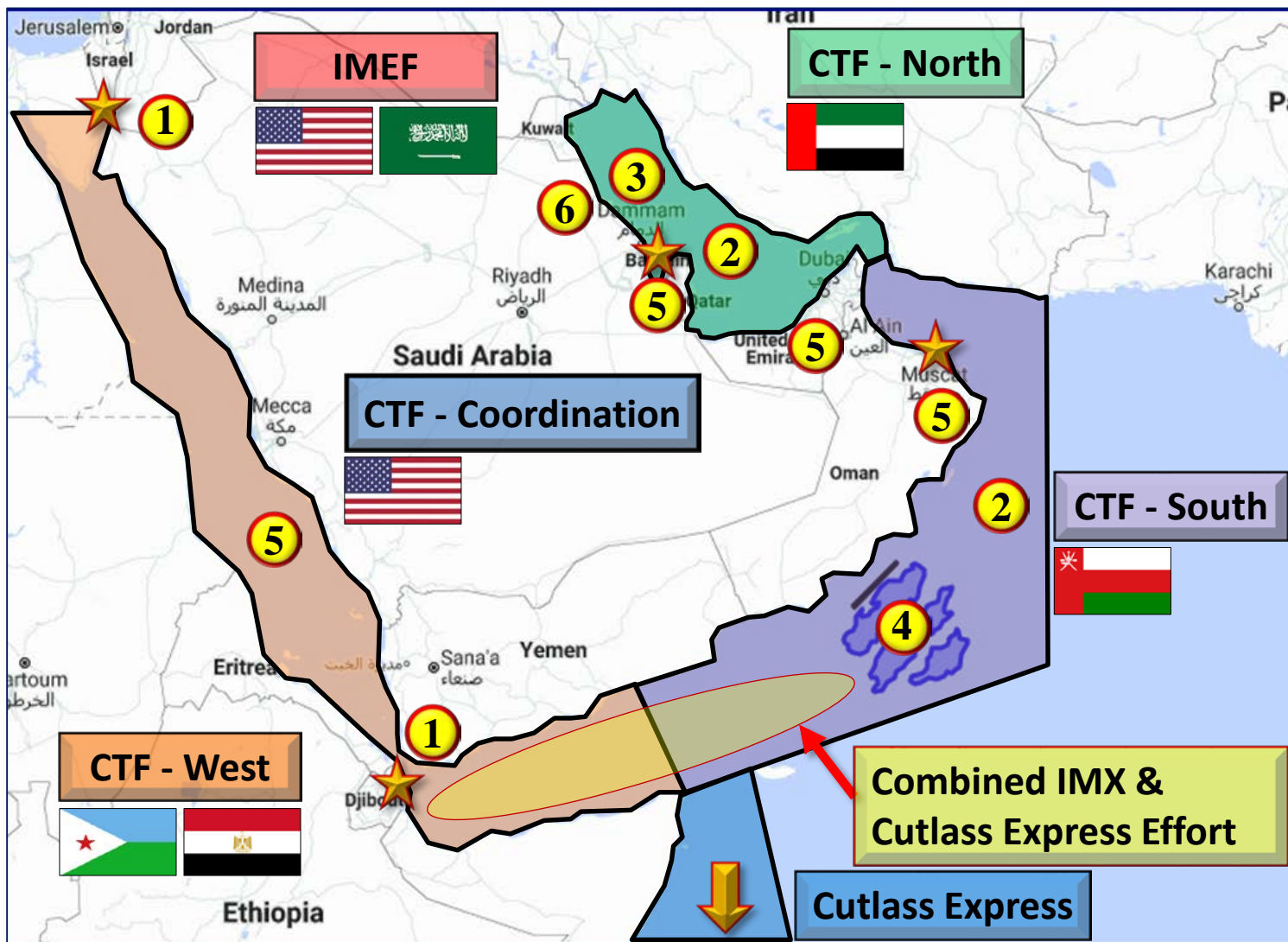
② MSO

③ MCM

④ MIO

⑤ NCAGS

⑥ HADR





IMX/CE 19 Metrics



IMX 19 INTERNATIONAL MARITIME EXERCISE **2nd** LARGEST MARITIME EXERCISE IN THE WORLD

5000+ PERSONNEL

40+ VESSELS

50+ NATIONS

24 Commercial Vessels

34 VISIT BOARD SEARCH & SEIZURE TEAMS

17+ AIRCRAFT

18 EXPLOSIVE ORDNANCE DISPOSAL TEAMS

7 INTERNATIONAL ORGANIZATIONS





International Maritime Exercise/Cutlass Express 2022 (IMX/CE22)

Expected Exercise Participation

Anticipated Participation Based on Past Exercises:

- ~ 50+ Countries/7+ International Organizations represented
- ~ 6500-10,000 personnel (military and civilian)
- ~ 80+ Combined Staff
- ~ 150+ Divers
- ~ 36+ Warships and Patrol Craft + MPA
- ~ 70 Merchant Ships available for interaction
- Partner Nation Maritime/Naval Operation Centers

5 Ws

What: International Maritime Exercise/Cutlass Express (IMX 22)

When: 30 Jan – 17 Feb 2022

Who: NAVCENT/C5F, CENTCOM, AFCENT, SOCCENT, NAVAF/C6F, AFRICOM, C2F, C3F, C4F, C7F, C10F, CMF, UKMCC, NATO, EUNAVFOR, USAID, 93 partner nations, non-governmental agencies, and commercial shipping industry

Where: Bahrain; Arabian Gulf, Indian Ocean, Gulf of Aden and Red Sea; Commercial Shipping tracking from Strait of Gibraltar to Straits of Malacca

Why: Demonstrate global resolve to maintain FON/FFC, strengthen relationships, and improve multinational coalition capability.

How: Exercise coordinated coalition MSO, MCM, MIP, FHA, and HEW events, including with merchant industry through at-sea serials, and coalition staff command and control processes.

Purpose

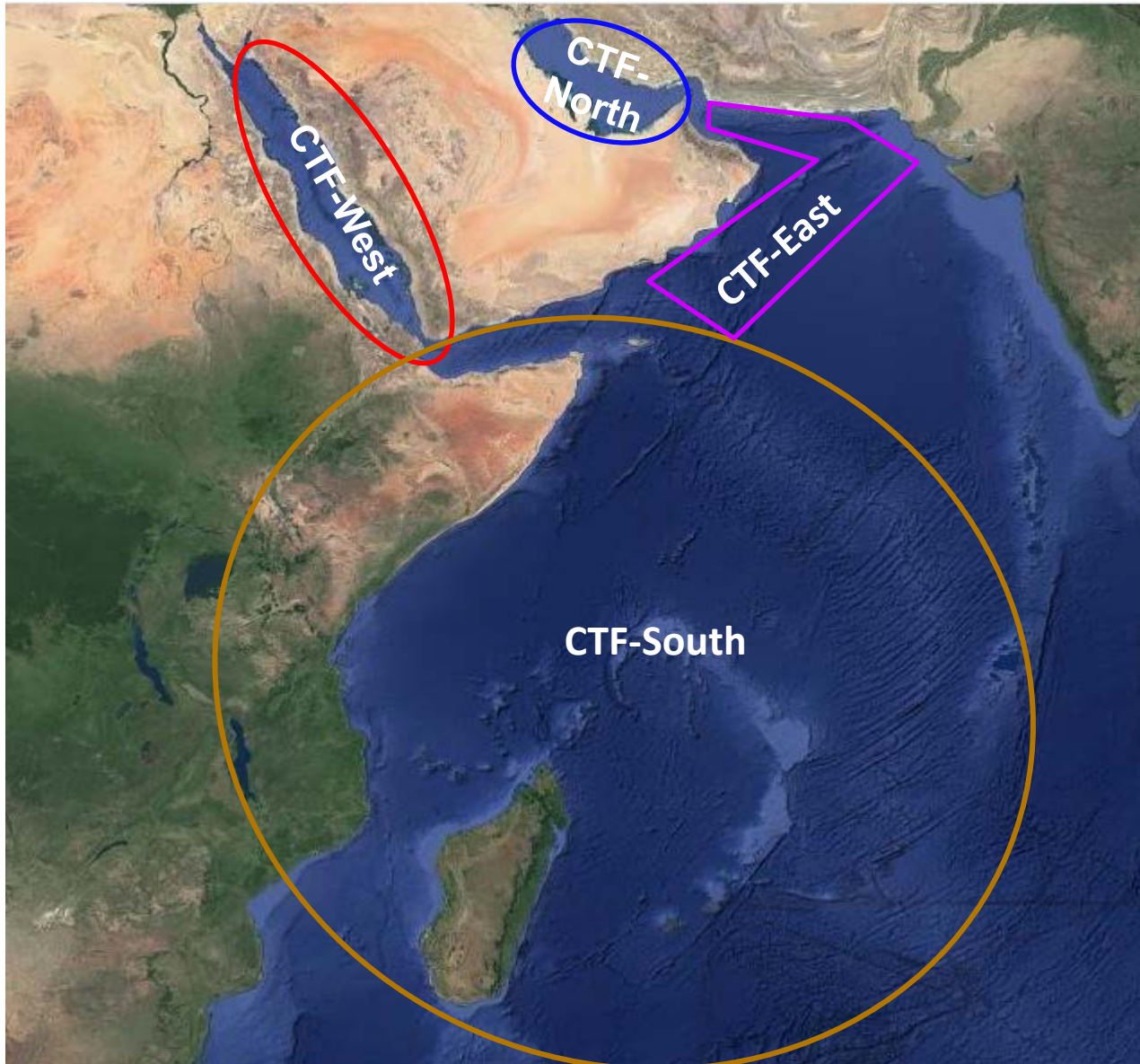
- Demonstrate to friendly and adversary nations global commitment to Rules Based International Order, resolve to maintain freedom of navigation and the free flow of maritime commerce in the IMX operating areas, and the ability to rapidly form a coalition force.
- Strengthen relationships, foster interoperability among supporting forces, and enhance theater-wide Maritime Security Operations (MSO), Mine Countermeasure (MCM), Maritime Infrastructure Protection (MIP), Foreign Humanitarian Assistance (FHA), and High-End Warfare (HEW) capabilities under multinational command and control.

Key Planning Information

- **Planning:**
 - IPC: 08-11 Mar 2021 (Virtual)
 - MPC/MSEL I: 16-19 Aug 2021 (TBD)
 - FPC/MSEL II: 01-05 Nov 2021 (TBD)
- **Execution:**
 - Academics/CPX/FTX: 30 Jan – 17 Feb 22 (IMX Geographic Exercise Areas)
 - Senior Leader Symposium: TBD



IMX/CE22 Areas of Operation





IMX/CE22 Exercise Objectives

Advance the Art and Science of Naval Warfare

- Increase U.S. force and partner readiness and capability
- Improve cross-CCMD fleet coordination
- Operate the force dynamically and unpredictably
- Plan and execute predictable and reliable communications

Expand Partnerships

- Gain, retain, and/or build upon footprints, agreements, access, and overflight
- Encourage Interagency, Intergovernmental, Industry, and potential NGO participation in Exercise
- Increase multinational interoperability through exercises and Key Leader Engagements
- Reinforce operations within multinational caveats
- Enhance domain awareness, and intelligence & information sharing
- Demonstrate the benefits of partnering with the U.S. as a lever promoting adherence to the Rules Based International Order
- Conduct Rule of Law Training

Demonstrate U.S. and Coalition resolve and capability



IMX/CE 22 – Mission Areas

Essential Functions for 21st Century Seapower

- All Domain Access
- Deterrence
- Sea Control
- Maritime Security



Sea Control

- Surface Warfare
- Anti-Submarine Warfare
- Air Defense
- ISR
- Sustainment



Maritime Security Operations

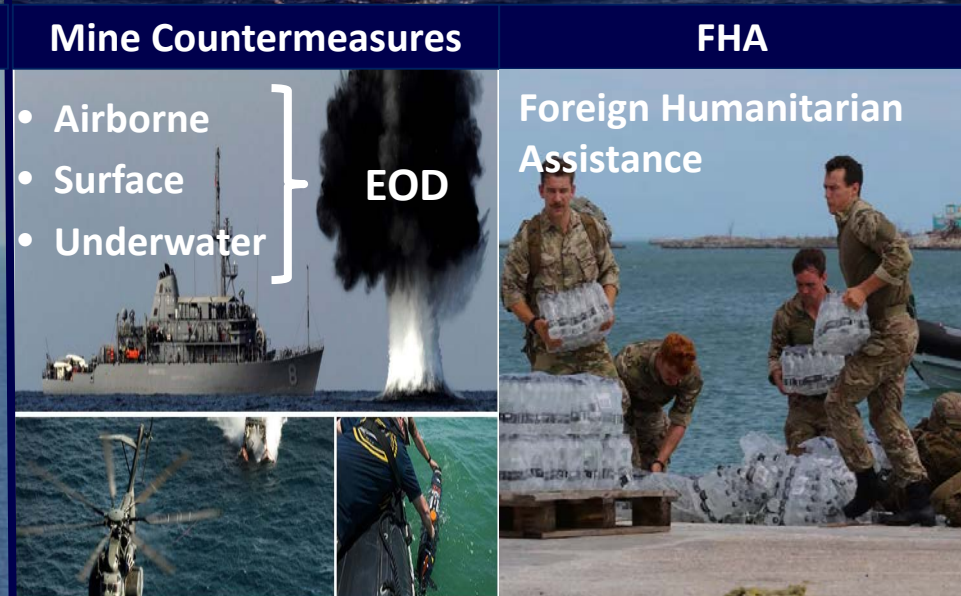
- Maritime Domain Awareness
- Escort
- Maritime Interception Operations
- Visit, Board, Search and Seizure
- Maritime Infrastructure Protection
- Naval Cooperation and Guidance to Shipping
- Harbor Security
- Explosive Ordnance Disposal



Mine Countermeasures

- Airborne
- Surface
- Underwater

EOD



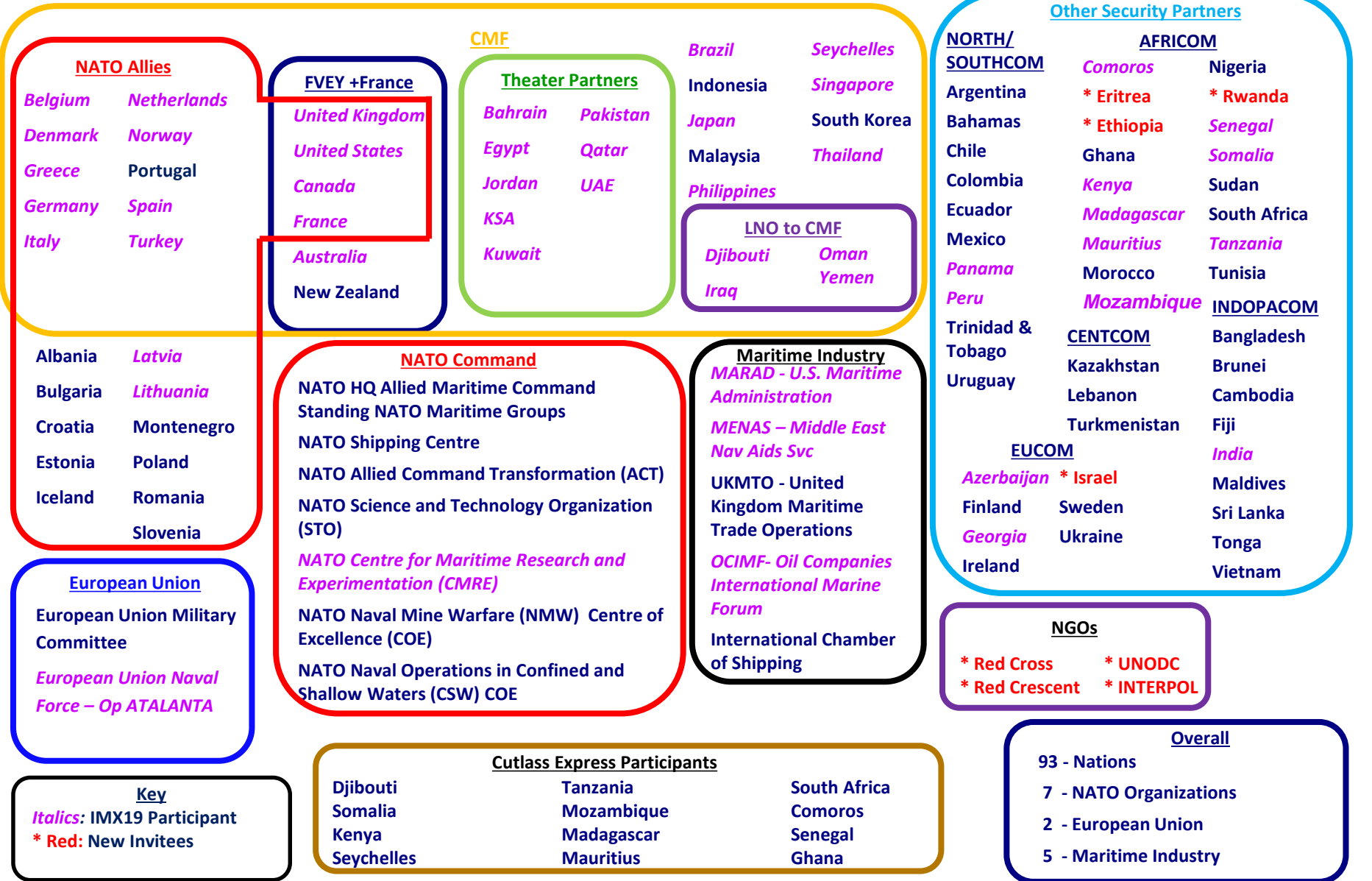
FHA

Foreign Humanitarian Assistance





IMX/CE 22 Proposed Participants

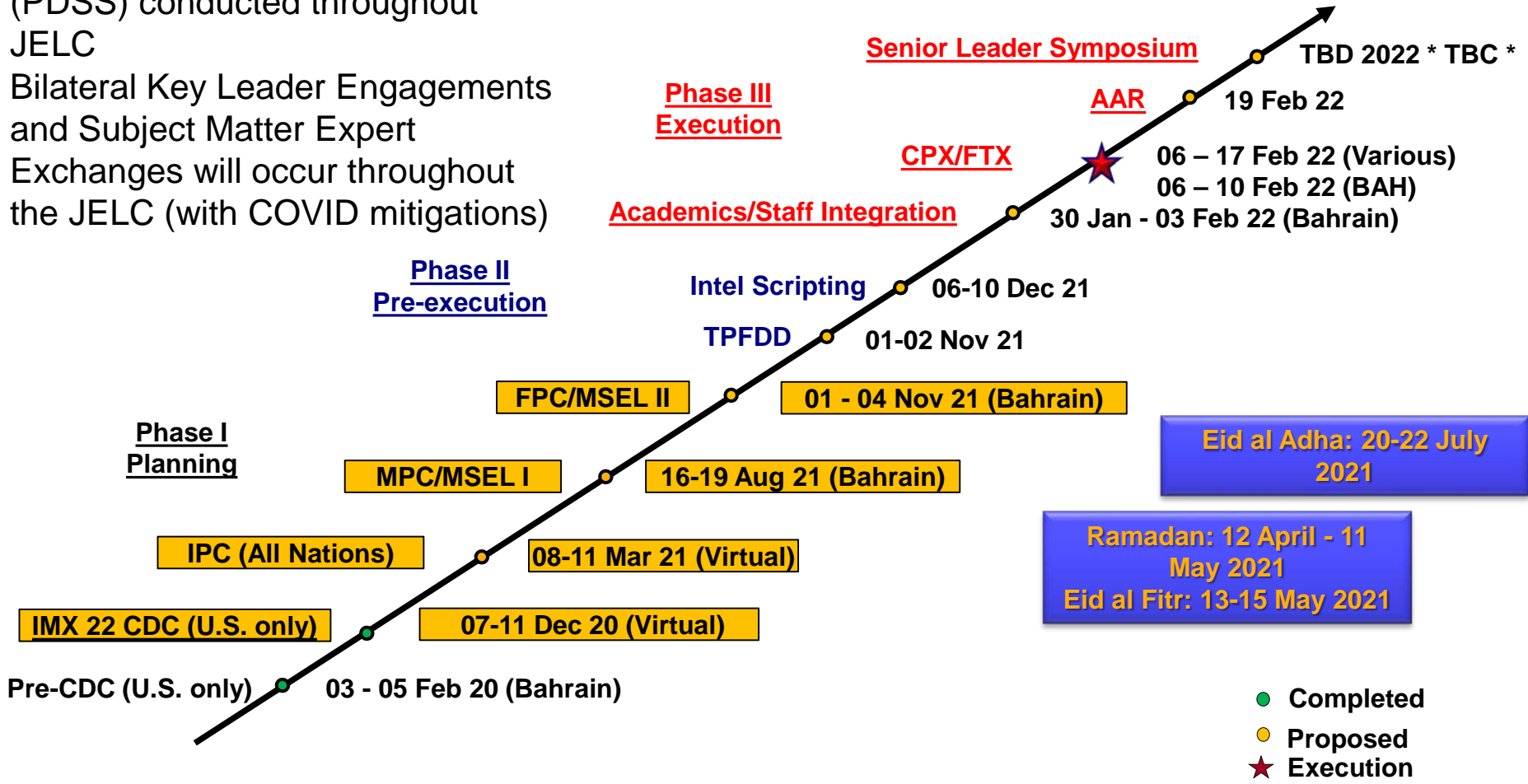


Key
Italics: IMX19 Participant
 * **Red**: New Invitees

IMX/CE22 JELC as of 08 March 2021



- Pre-Deployment Site Surveys (PDSS) conducted throughout JELC
- Bilateral Key Leader Engagements and Subject Matter Expert Exchanges will occur throughout the JELC (with COVID mitigations)



Eid al Adha: 20-22 July 2021

Ramadan: 12 April - 11 May 2021
 Eid al Fitr: 13-15 May 2021



Questions/Discussion

