



Role of LAF-Navy in Maritime Safety and Security Crisis & Disaster Management & Rescue Operations

Commander (Navy) Challita Mrad
LAF-Navy

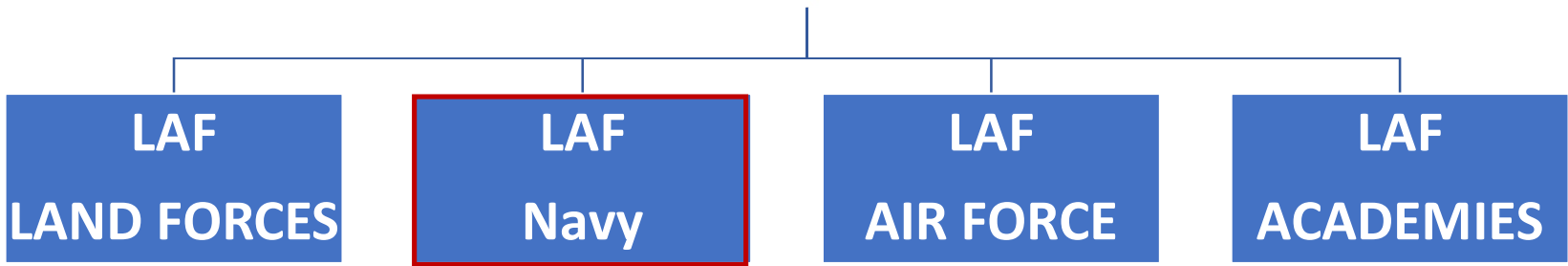


AGENDA

- **LAF-Navy Overview**
- **Assets**
- **Crisis & Disaster Management**
- **SAR Operations**
- **Needs**

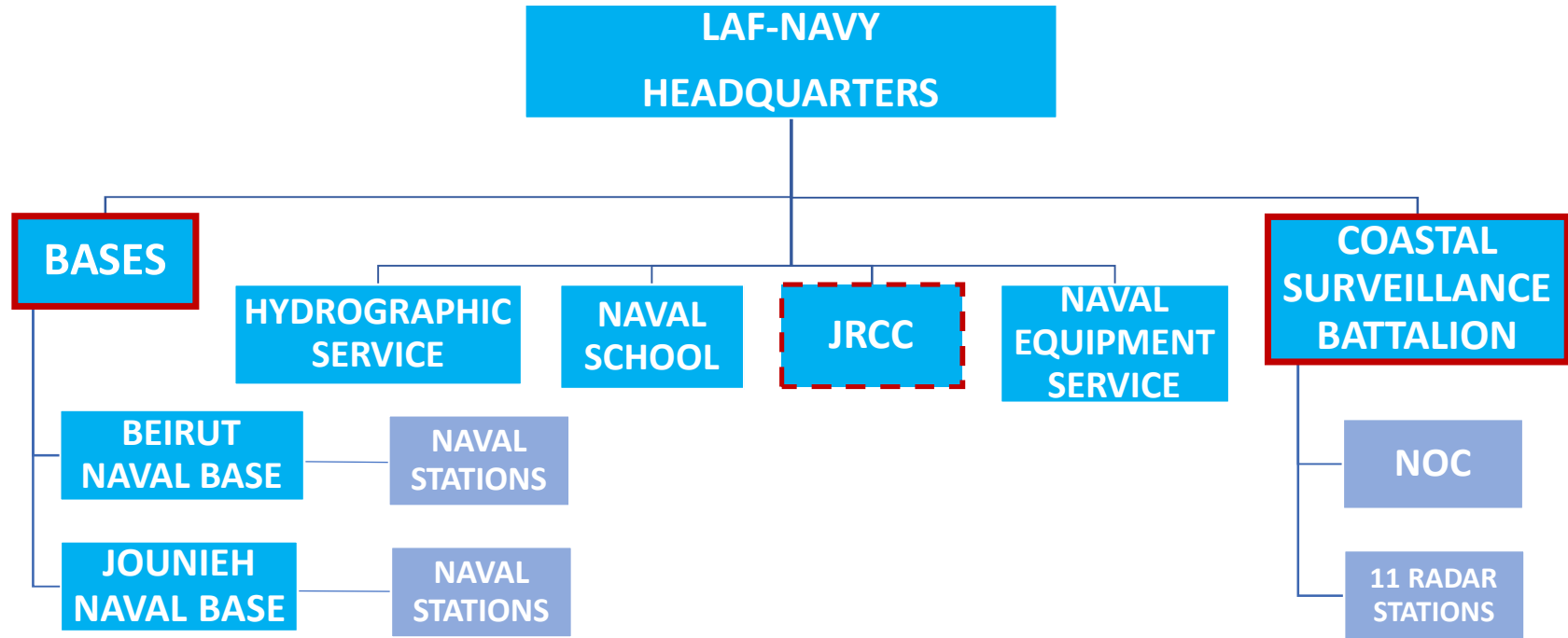


LAF ORGANIZATION





LAF-NAVY ORGANIZATION





MISSIONS

- **Defend the Lebanese TTW and coast & support LAF units along the coast.**
- **Support the merchant and fishing fleets.**
- **Support the state ministries at sea.**
- **Conduct Search And Rescue operations.**
- **Counter piracy, illegal fishing method, & maritime pollution.**
- **Counter smuggling and illegal trafficking.**
- **Enforce the national law at sea.**
- **Implement international treaties and conventions as well as UNSCR 1701.**



TASKS



- **Protection of oil & gas assets.**
- **Oil spill response.**
- **Firefighting.**
- **Medical evacuation.**
- **Hydrographic activities.**

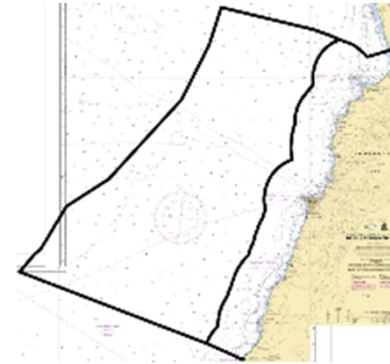




CHALLENGES



- Preserving state interests in the maritime area (~22,700 km²).
- Assuming the mission of the MTF UNIFIL.
- Economic crisis.
- Illegal immigration.



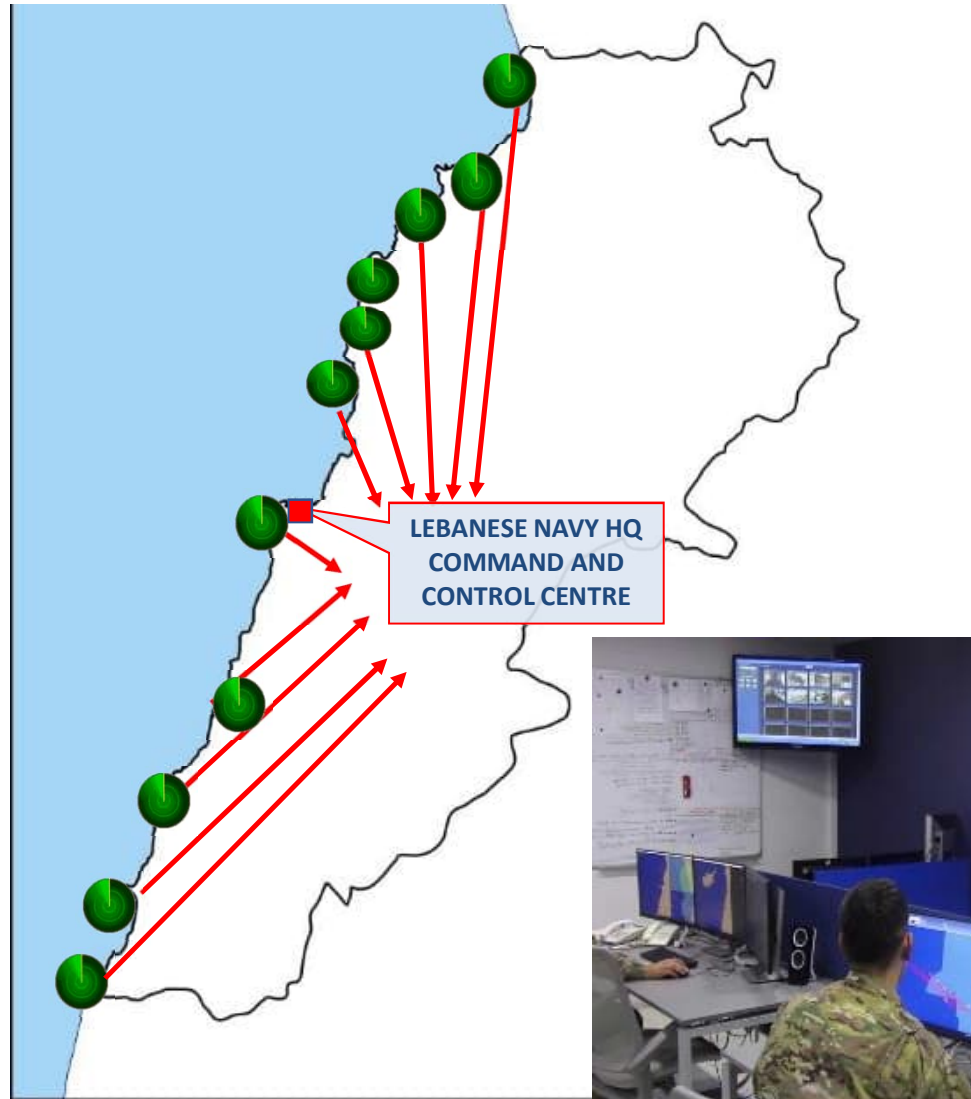


AGENDA

- LAF-Navy Overview: Organization, Missions, Tasks, Threats, & Challenges
- **Assets**
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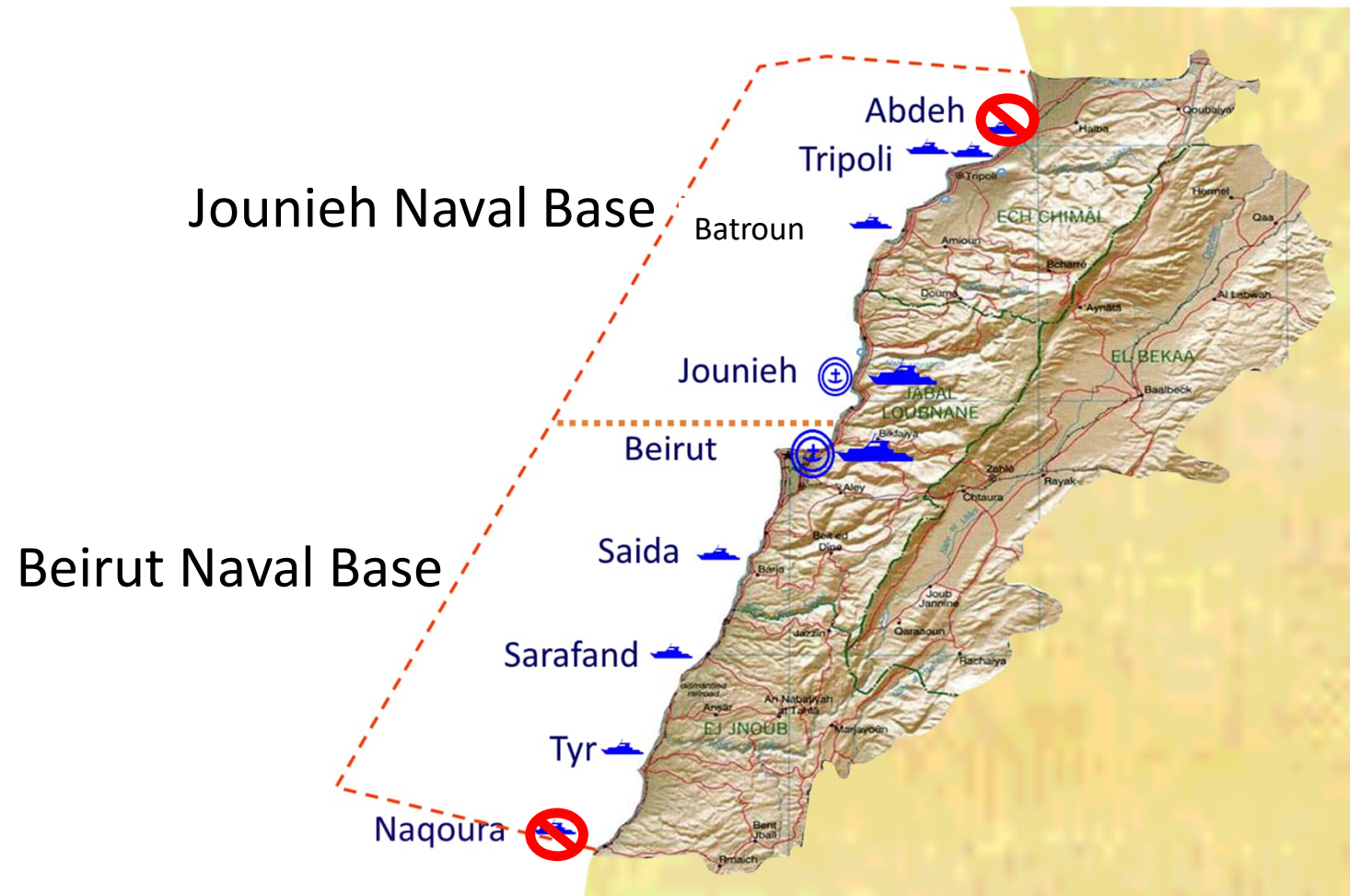


COASTAL SURVEILLANCE BATTALION





NAVAL BASES





VESSELS



1 PB 28 m



2 LCU 60 m



1 CSC 43 m



1 PB 17 m



1 PB 20 m



1 PB 20 m



VESSELS



16 RHIBS 11 m



2 RHIBS 12 m



4 RHIBs 12 m



VESSELS



3 Protector Class Vessels 27 m



4 Response boats 13 m



LAF-Navy VBSS TEAM





ISR AIR ASSETS

- LAF-Navy drones capable of providing video feed of area of operations.
- LAF Air Force support LAF-Navy in providing live coverage above area of maritime operations.



LAF Air Force



LAF Air Force

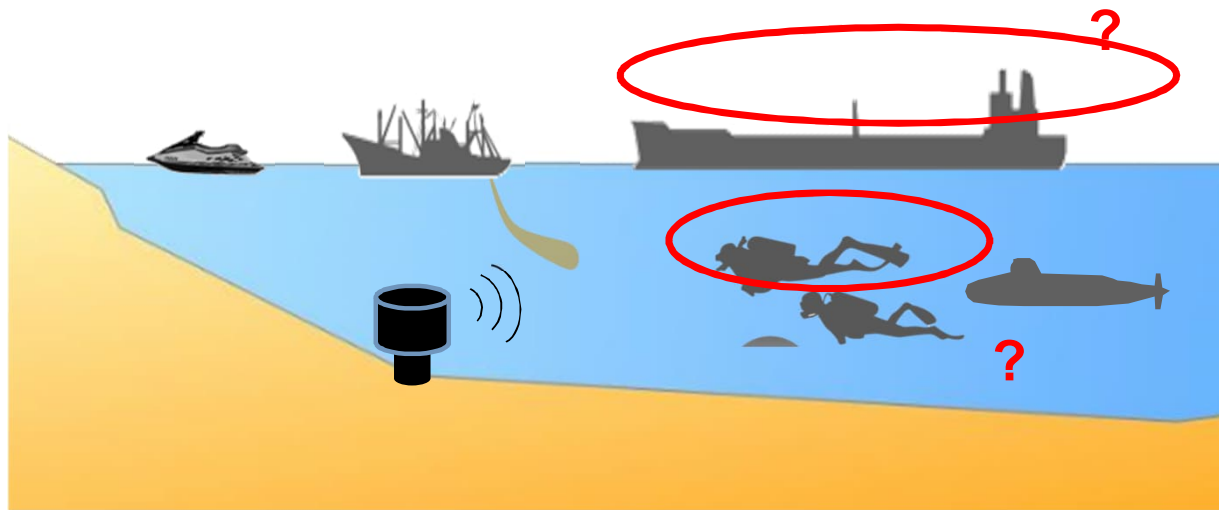


LAF Navy



GAPS

- Lack of big vessels.
- Lack of equipment.
- Lack of underwater detection.



No Underwater Detection



CONCEPT OF OPERATIONS

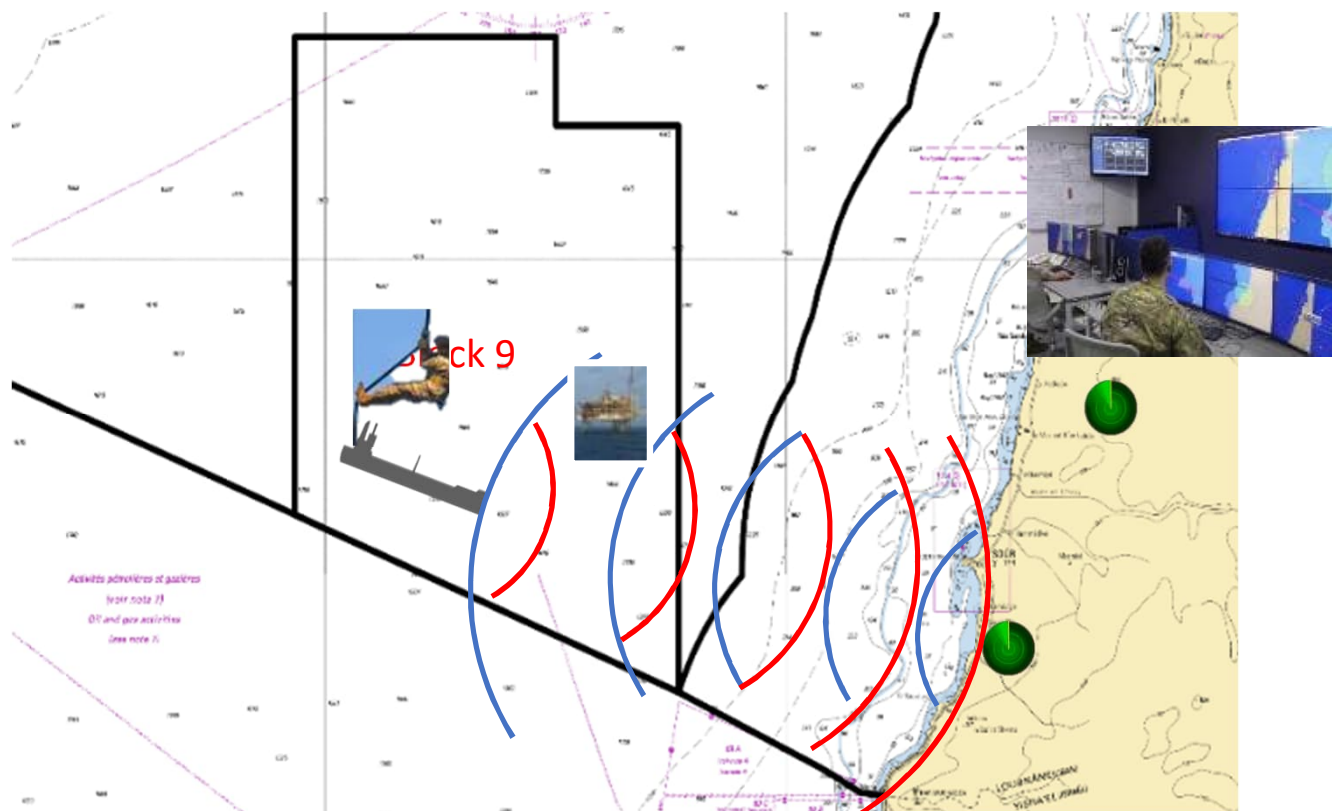


Based on 4 pillars:

- **Presence.**
- **Surveillance and control.**
- **Interception.**
- **Maritime Domain Awareness.**

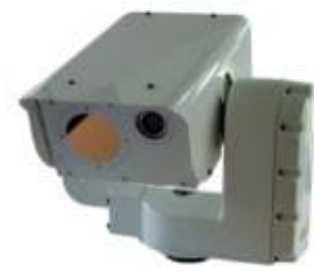


INTERCEPTION





Maritime Domain Awareness



**Maritime
Intelligence**

**Sources of Information for picture compilation and
situational awareness**



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CRISIS & DISASTER MANAGEMENT

- Conducting training & drills



- Coordinating response
- Mobilizing resources



Ethiopian Airlines 2010

- Infrastructure protection
- Building capacity

- Providing assistance





JMOC ROLE



- **Management & coordination of activities at sea among JMOC members to ensure:**
 - **Surveillance of the coast, TTW, Ports ...**
 - **Protection of national interest in the EEZ.**
 - **Rescue of people at sea.**



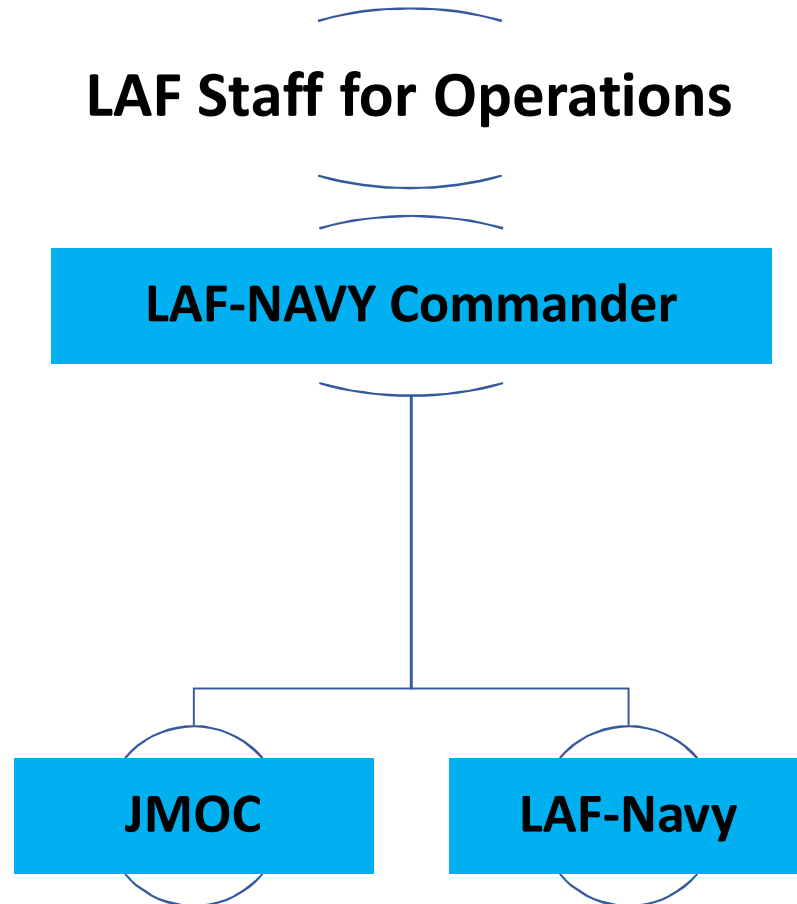
COMMAND STRUCTURE

LAF Staff for Operations

LAF-NAVY Commander

JMOC

LAF-Navy





JMOC STRUCTURE



Administrations & Agencies in the JMOC

Ministry of Agriculture

Ministry of Environment

**Lebanese Petroleum
Administration**

**Directorate General of Land
& Maritime Transport**

Civil Defense

**Administration and
Exploitation of Beirut Port**

General Security

Internal Security Forces

State Security

Customs

LAF-Navy

LAF Air Force



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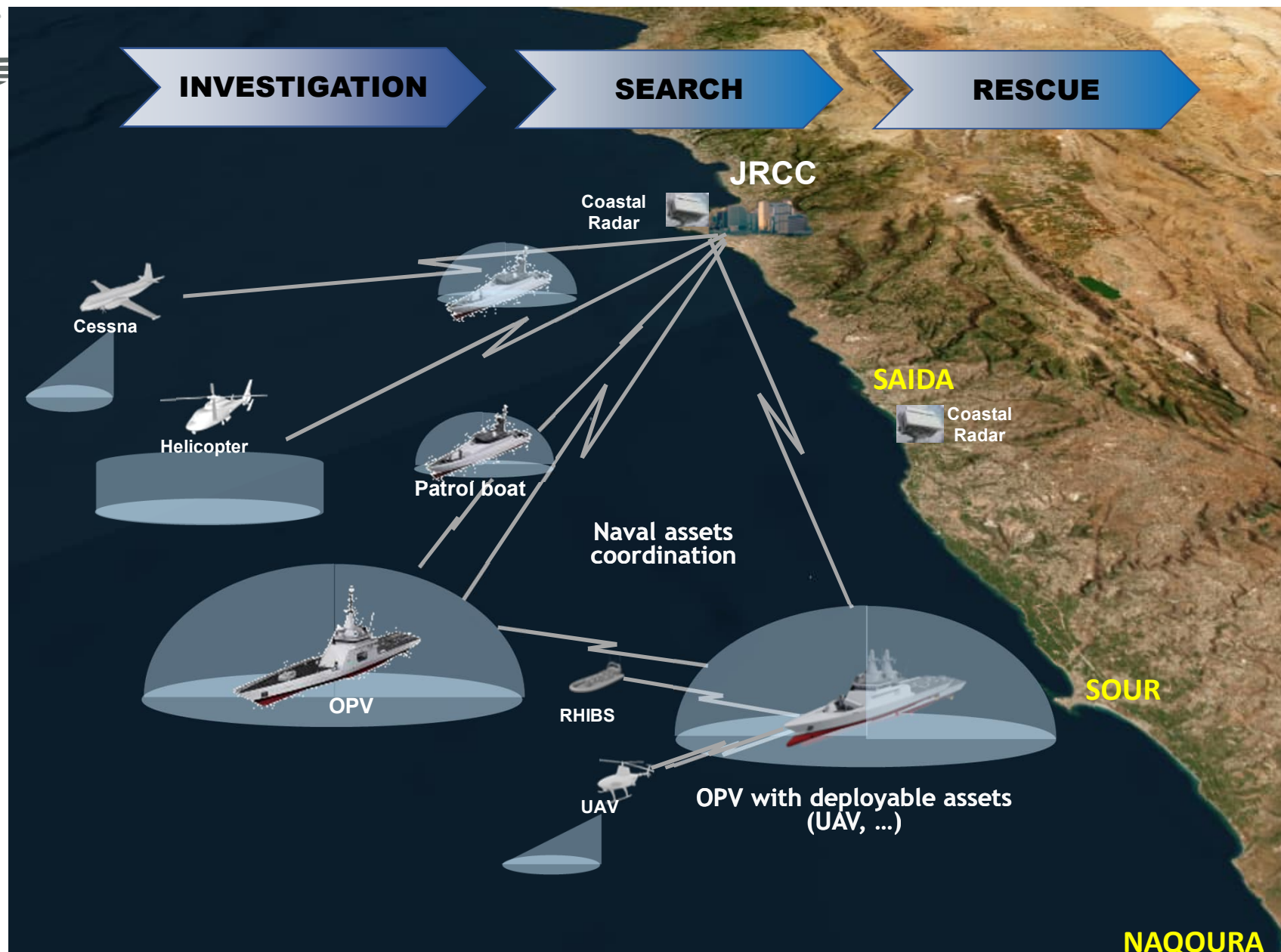


JRCC MISSION



- Coordinate, control and direct SAR operations, in the area of responsibility







NEEDS



- **Build the Fleet**
- **Develop the JMOC**
- **Establish JRCC**



BUILDING THE FLEET

Build the fleet

6 OPV
60-75 m

6 PB
35-45 m

6 FPB
22-30 m

18 Response Boat
13 m

2 LCUs
60 m

2 tugs &
firefighting boats

1 Hydrographic
boat

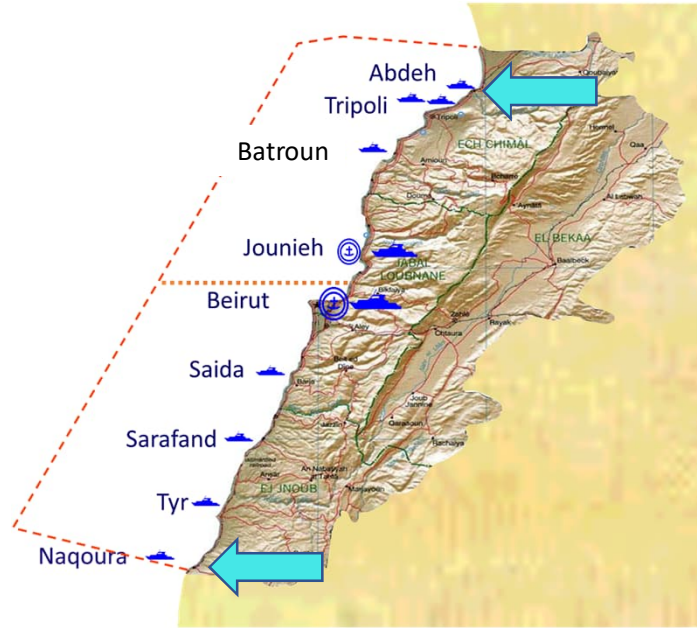




SUPPORTING THE FLEET

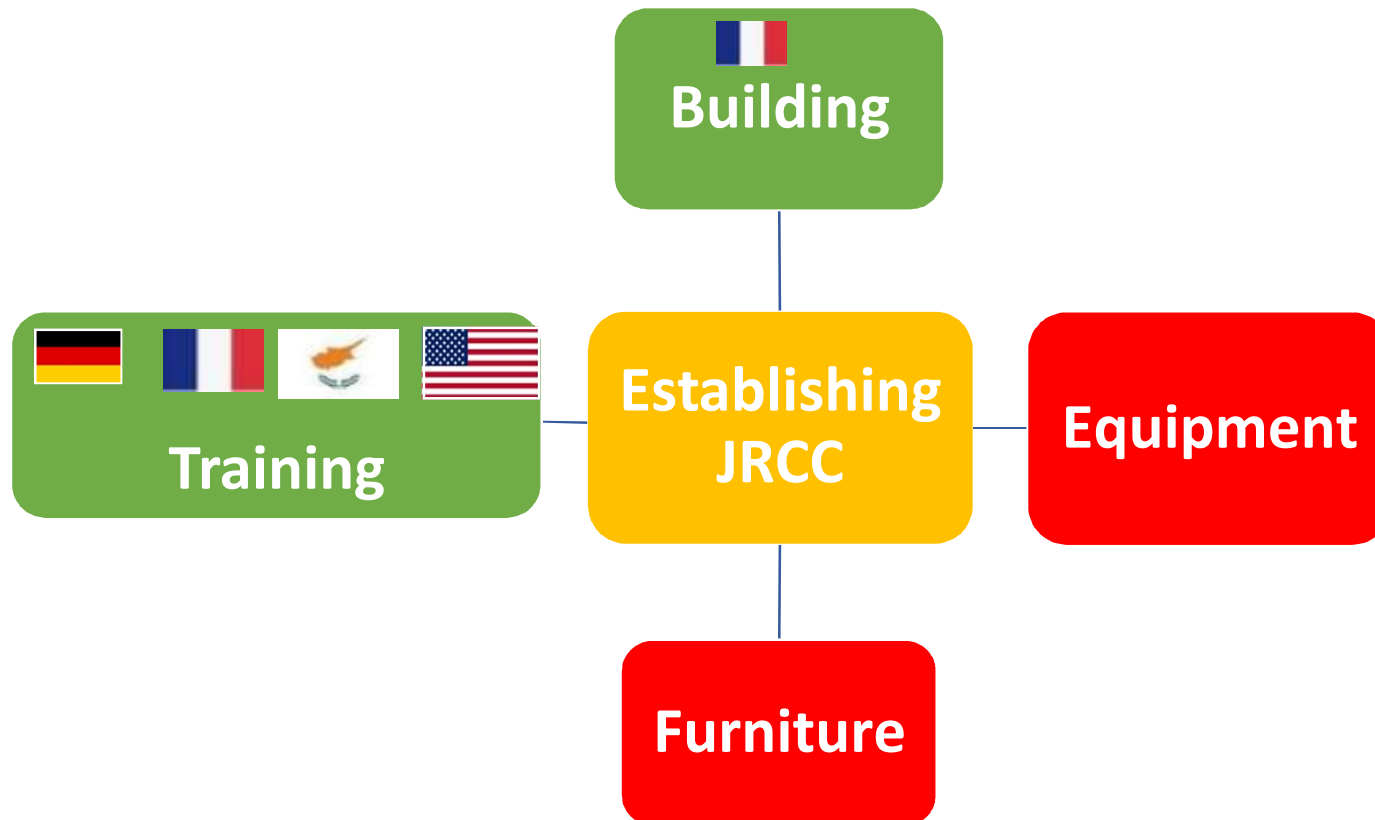
Maintenance facility

Developing Abdeh and Naqoura ports





ESTABLISHING THE JRCC





DEVELOP THE JMOC



- **Adequate legislation to ensure smooth coordination among various administrations and agencies.**
- **Standard Operating Procedures to run day to day operations.**



Questions