

برج العرب

مركز البحث والإنقاذ الرئيسي

مركز

البحث والإنقاذ

للقوات المسلحة

Egyptian Search And Rescue



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What is a SAR Operation?

The immediate action taken, conducted by official authorities to save **people** from dangerous or lethal situation & injuries that may lead to death.

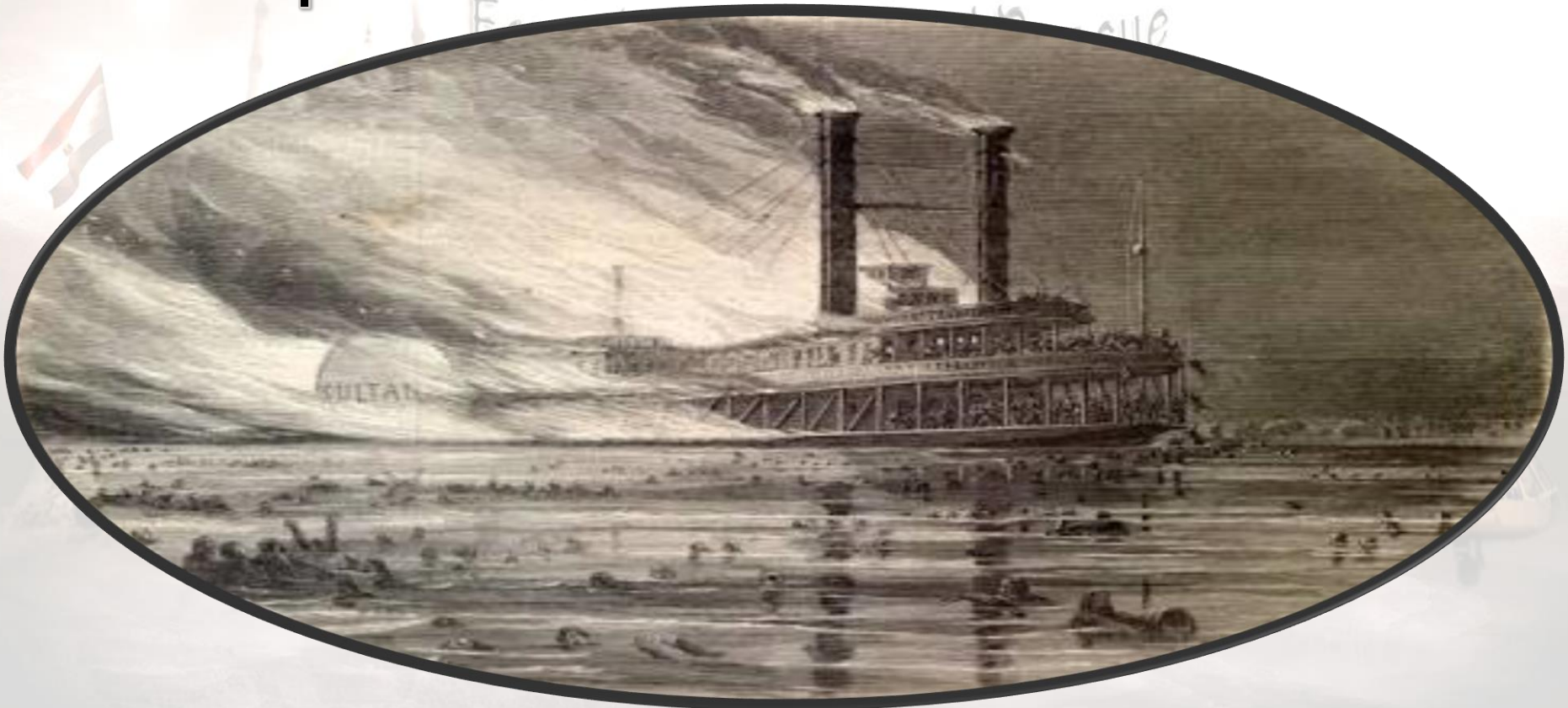


Historical Background & Local legislatives



The sultana disaster

April 1865 للقوات المسلحة



Sultana was a Mississippi River side-wheel steamboat. On April 27, 1865, the boat exploded in the worst maritime disaster in United States history. She was designed with a capacity of only 376 passengers, but she was carrying 2,155 when three of the boat's four boilers exploded and she burned to the waterline and sank near Memphis, Tennessee, killing 1,192 passengers.^[1]



Quick Facts



- ◎ **SRR = Search and Rescue Region** more than 162,000 sq NM for maritime and 541,000 sq NM for inland.
- ◎ **Common SRR with various countries from West to East**
 - Libya
 - Greece
 - Cyprus
 - KSA
 - Sudan



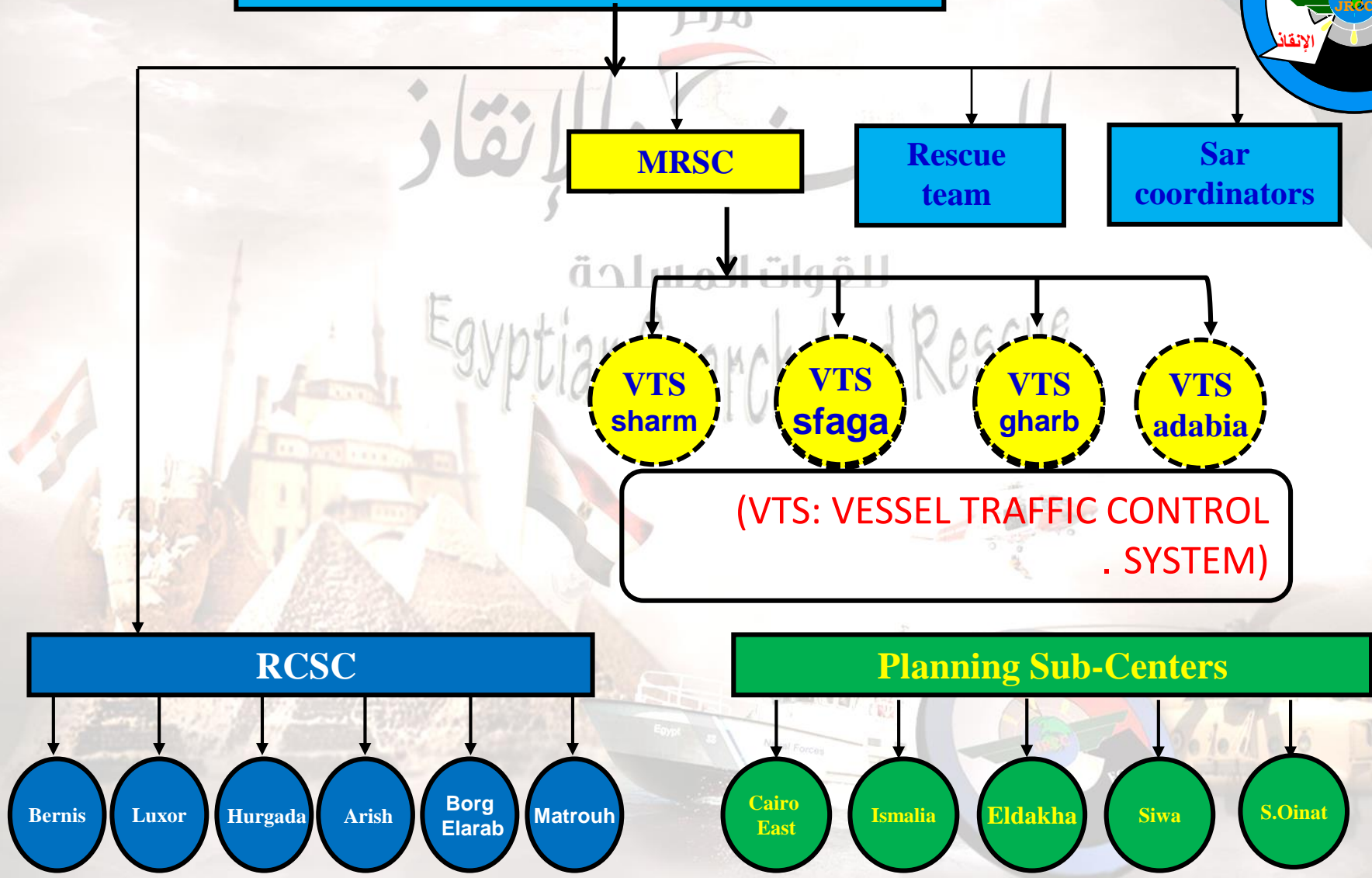


Historical Background & Local legislatives

- ▶ **(1949)** Chicago Agreement providing SAR services
- ▶ **(1952)** Sub-centre to UK Main Centre.
- ▶ **(1968)** Egyptian Air-force issued first SAR Regulations
- ▶ **(1972)** African States Air Navigation Conference – obliging countries to have SAR facilities and FIR.
- ▶ **(1981)** Civil Aviation local law no. 28 – providing SAR services in Egypt
- ▶ **(1983)** Presidential decree no. 300 establishing SAR centres under the authority of the Ministry of Defence
- ▶ **(1983)** Minister of defence decree no. 221 establishing SAR centres under the authority of the Ministry of Defence.

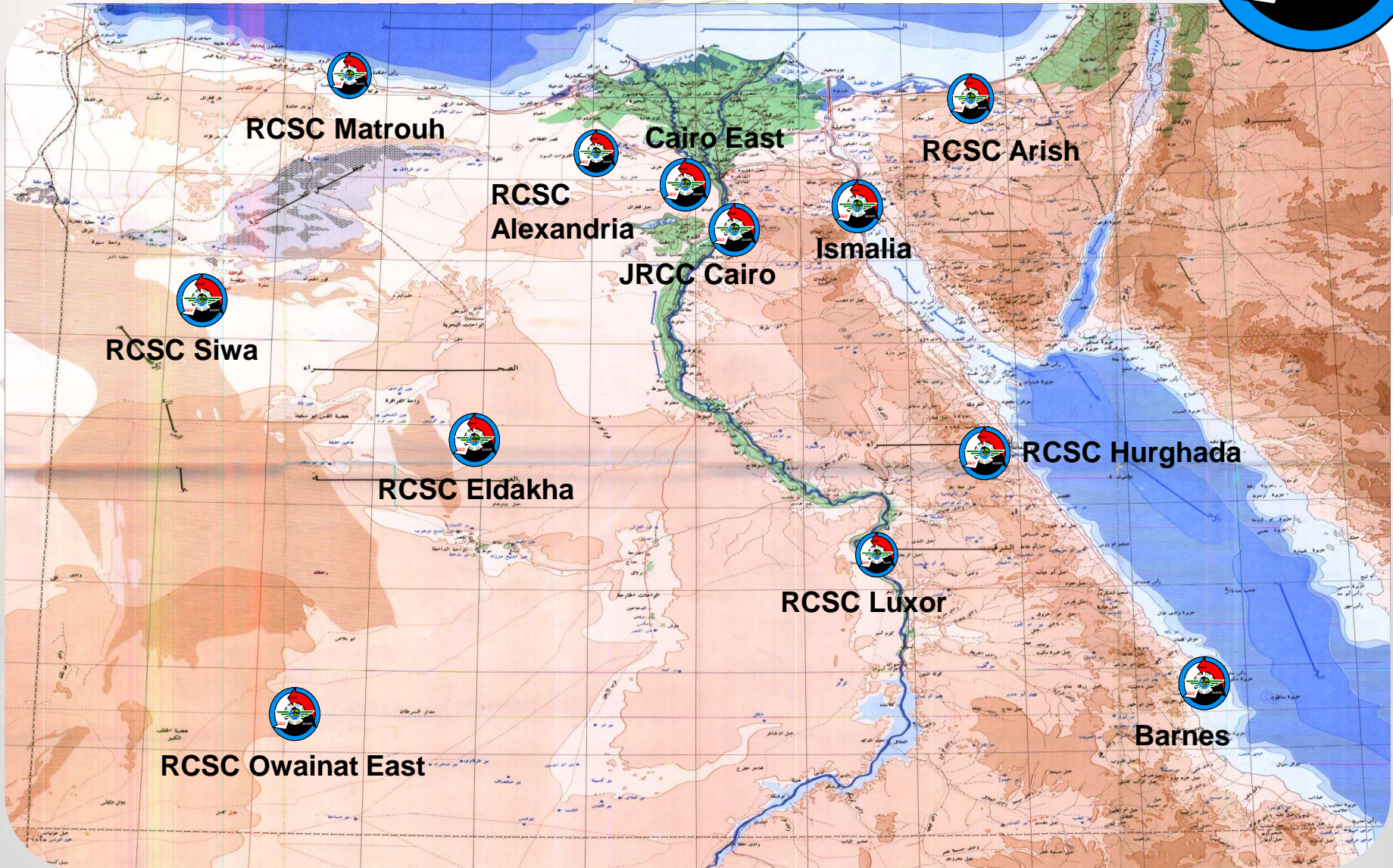


Egyptian JRCC

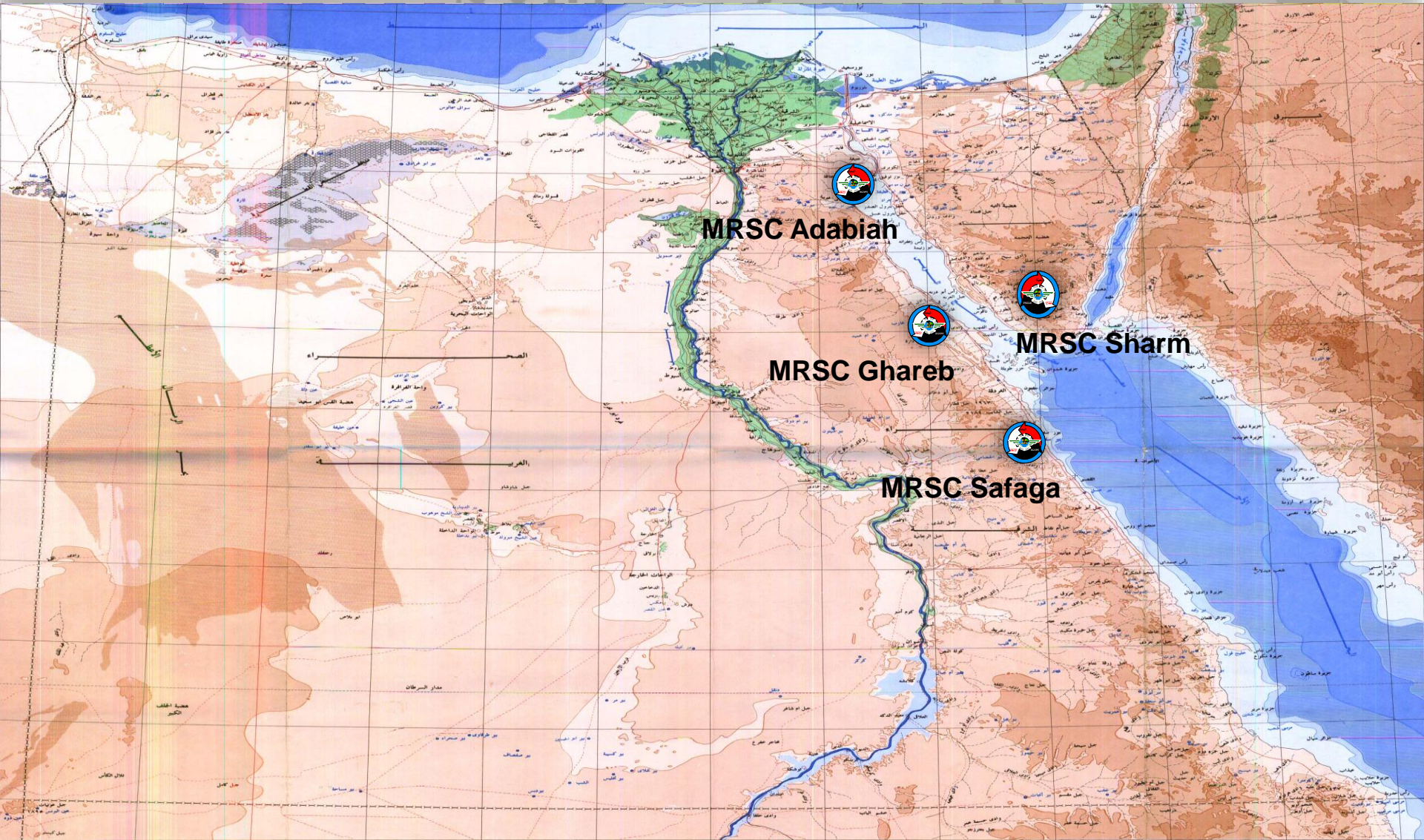


SAR MAIN AND SUB CENTER IN EGYPT

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VTS Centers in Egypt

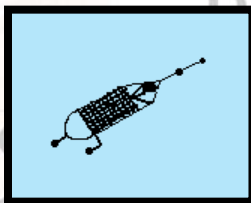
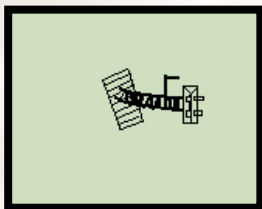
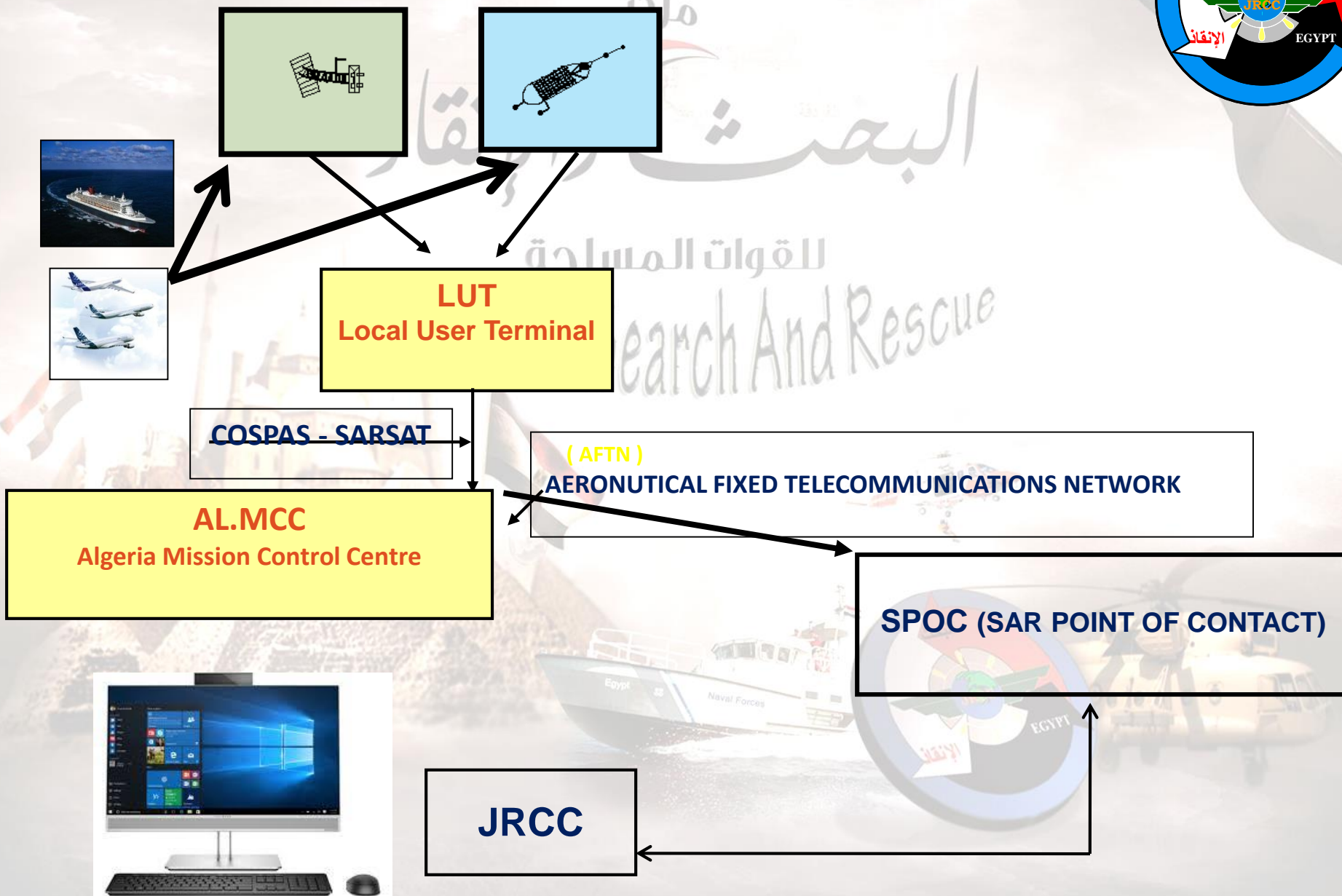


Mission

- Monitoring distress signals , conducting SAR services and medvac within Egyptian flight information region (FIR) which was internationally announced in the Egyptian Air Information Publication (AIP).
- Relaying distress signals received by JRCC Cairo and coordinating with countries where distress originated from and / or near.



Receiving distress messages via cospas/sar sat



LUT
Local User Terminal

COSPAS - SARSAT

AL.MCC
Algeria Mission Control Centre

(AFTN)
AERONUTICAL FIXED TELECOMMUNICATIONS NETWORK

SPOC (SAR POINT OF CONTACT)



JRCC

Vision and Objectives



Vision: A country where the critical importance of Search and Rescue is reflected in an approach to minimize the risk of injury and/or loss of life, and maintain a timely and effective response services

SAR Response Objective: To ensure an effective SAR response (capability) in Egyptian SRR

SAR Prevention Objective: To influence individuals and organizations on the assessment of risks and the importance of acquiring and using appropriate knowledge, skills and equipment

Main Principles



- JRCC Cairo SAR services is a fully integrated set of services, directed by a joint co-ordination organization responsible for all kinds of search & rescue operations. These services are performed through a cooperative effort, involving governmental agencies, voluntary organizations and private enterprises.
- JRCC Cairo follows the IAMSAR volumes guidelines for a common aviation and maritime approach in organizing and providing SAR services.
- JRCC Cairo meets the requirements and obligations of the International Convention for the Safety of Life at Sea (SOLAS)
- JRCC Cairo provides the IMO with all the information regarding SAR facilities & primary resources upon request of the Egyptian maritime transport sector or a significant change occurred, to be internationally announced in IMO SAR PLAN (SAR 8 Circular).



Incident Classification

- ◎ Marine Incident
 - Original vehicle operates on water
- ◎ Air Incident
 - Involves manned aircraft regardless of where aircraft came to rest
- ◎ Humanitarian
 - Medevacs, missing persons, civilian assistance





Integrated Coordination Structure and Responsibilities

JRCC Cairo co-ordinate all types of SAR missions:

- Inland SAR operations
- Maritime SAR operations
- MEDEVAC operations
- Coordinating SAR services with the neighboring RCCs among their SRRs



JRCC Communication



- Inmar satC
- Radio HF / VHF/MF / voice / DSC via Coastal radio stations
- Hotlines to headquarters of all Armed Forces main departments
- Hotlines to ATC, Coastal radio stations
- AFTN
- Telephone, Telex, Telefax, Thuraya
- Internet, E-mail

البحر والإتقان

Egyptian Search And Rescue



Our Resources

1. Human

- SAR Coordinators





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Our Resources

1. Human
 - Medical Crews
 - Rescue men





Our Resources

Aeronautical Rescue Crews





Our Resources

الدعم والبحر والبحر Maritime Rescue Crews

للقوات المسلحة



Assigned Air Force Units



RCS  ouh

RCS  Indria

JRCC Cairo


East Cairo

RCS  hada

R  uxor

Total Air Force Units:10 Unit

7 Helo

3 Fixed Wing

B 

Our Resources

2. Search and Rescue Units

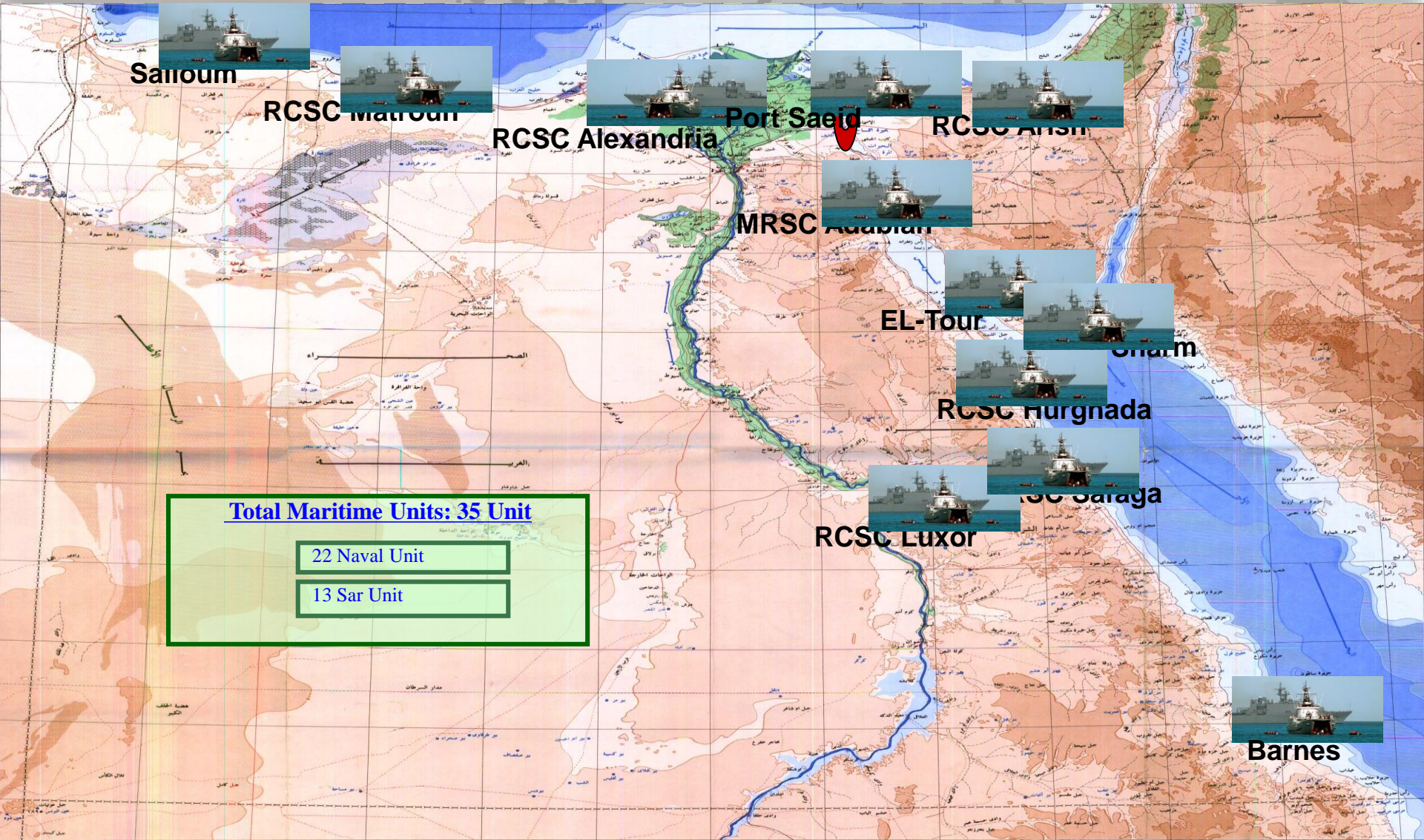
- Air Force Units

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Assigned Maritime Units



Total Maritime Units: 35 Unit

- 22 Naval Unit
- 13 Sar Unit

Our Resources

Search and Rescue Units
Naval Units



Our Resources



3. Rescue Equipment

- Rescue equipment (life rafts - life buoys – life jackets)
- Hydraulic equipment
- Aircrafts evacuation equipment
- Medical equipment
- Multipurpose vehicles (Ambulance – firefighting)





Questions?

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