# SAR TRACKING SYSTEM

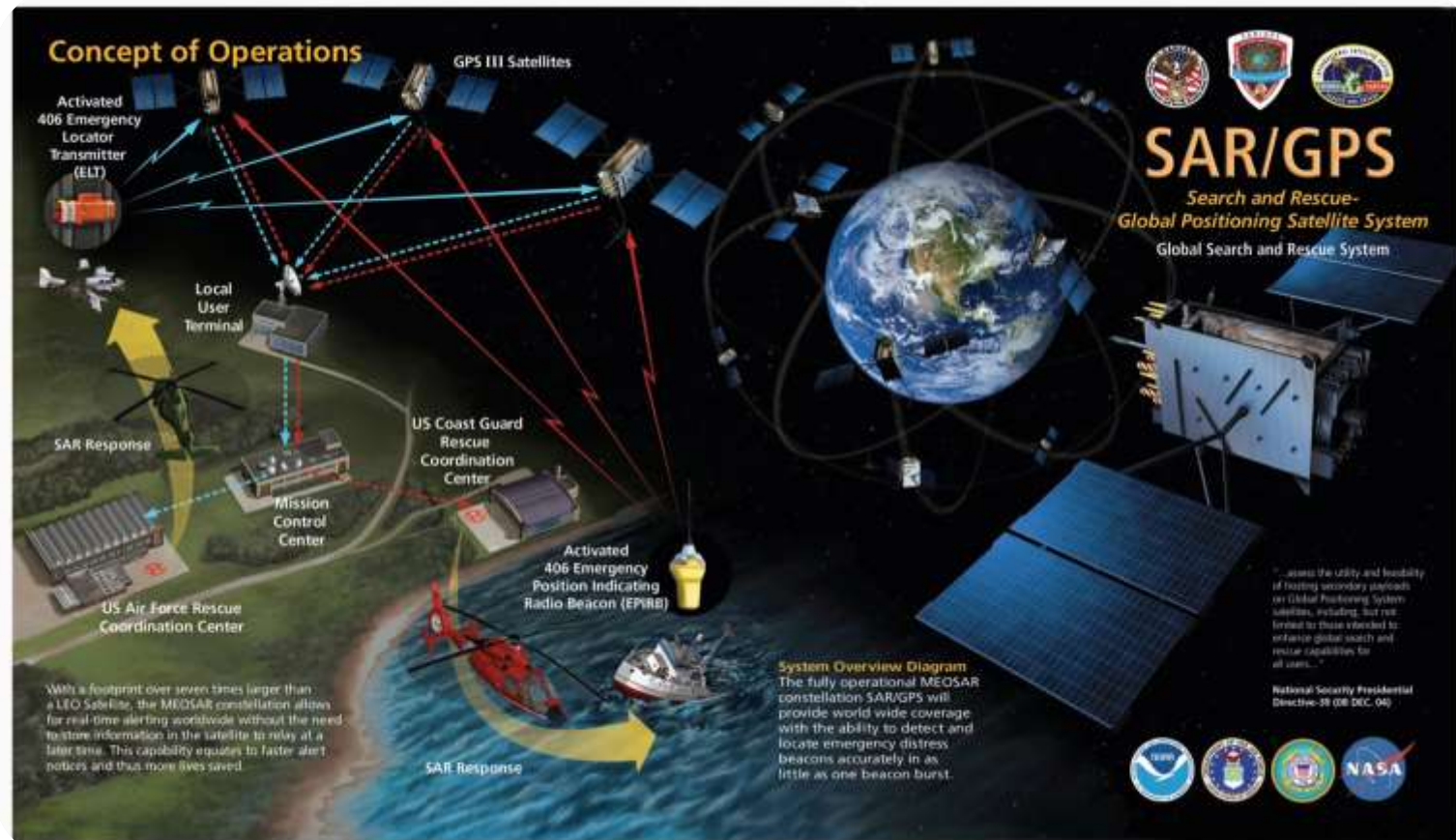# SAR UNIT / GTI

(Systems Technology Management)

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# SYSTEM OBJECTIVES

Support the management of emergency messages received by COSPAS-SARSAT, by monitoring ELT, EPIRB and PLB, alert triggers and managing the coordination of rescue activities among RCC, RSC and other related entities.

Record coordination activities between the parties involved in the messages received and manage pilot reports regarding ELT alerts reported to air traffic controllers.

# Product DEMO ([http://apps.cocesna.org/SAR/servlet/sarlogin](http://apps.cocesna.org/SAR/servlet/sarlogin))
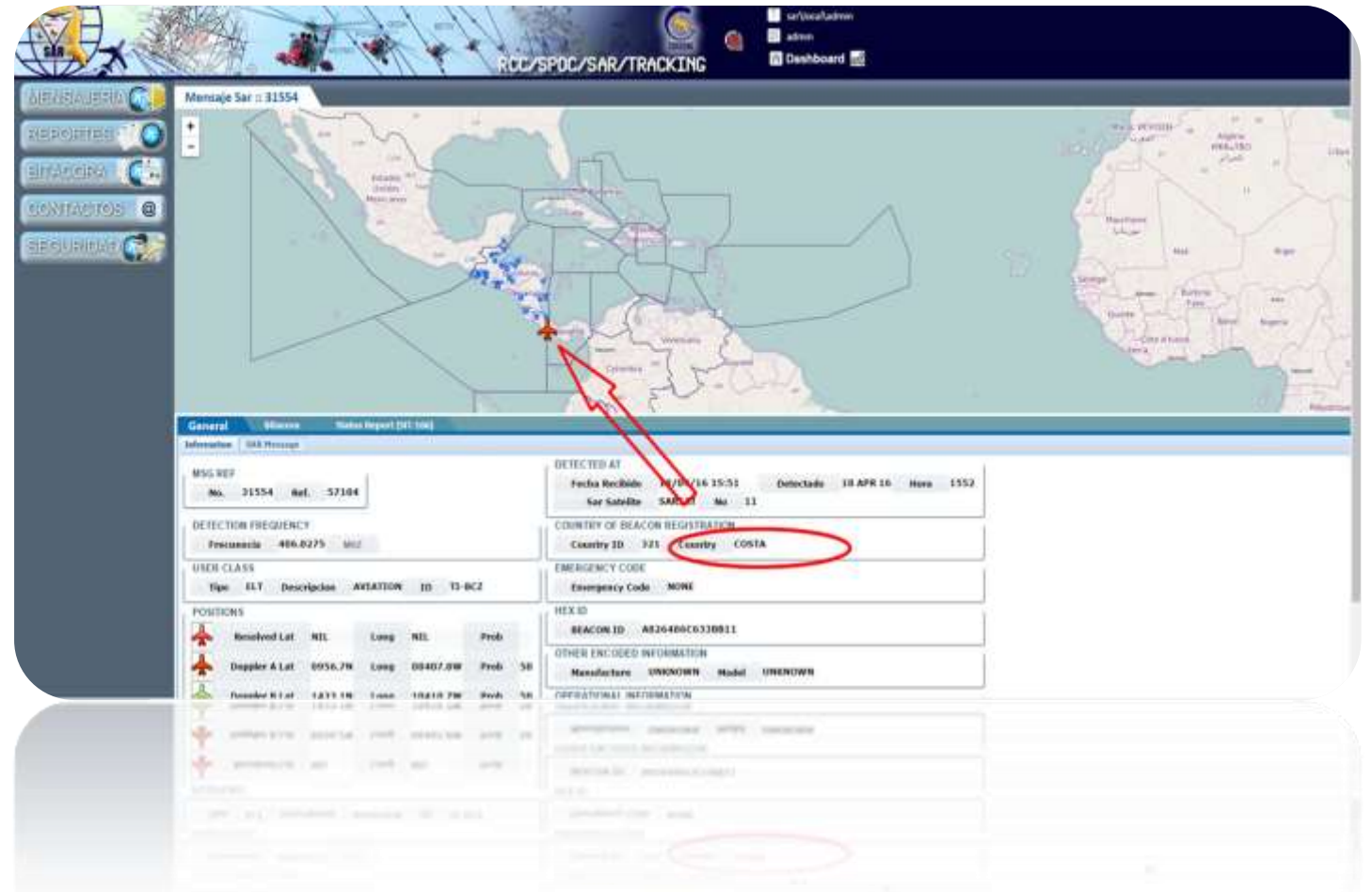
# Main features

# Introduction

The development of the <u>SAR Tracking System is in line with and part of COCESNA's strategic plan on focusing SW development on COCESNA's Core Business (Safety and Efficiency).</u>

The final product is a result of the joint effort of <u>ACNA, ATS/SAR Unit and GTI.</u> The first system version <u>has been implemented in CENAMER CONTROL</u> and the new version will shortly be available in May 2016 to all central america region.

# Main features

1. The messages submitted to RCC are assigned to the States by the SAR/STS System. Those messages are immediately received by the States, so that they can reach appropriate coordinations.

2. The system submitts the messages through AFTN/AMH. However, the SAR/TS system manages to send the information in a more effective way, adding value to the coordination between the operational units.

3. The coordination of the messages received from RCC can be monitored by the system administrator of each state. SAR managers' coordination information is displayed by means of logs and SIT-166 case closures.

# Primary Features

The SAR/TRACKING/SYSTEM has other features such as:

1. Log management
2. Contact book
3. Generation of air traffic controller's reports using ELT
4. Coordination of ELT reports
5. User management
6. Submission of ACK to COSPAS-SARSAT
7. User-friendly display of information

# Main advantages

Automatic transmission and coordination of alert messages / Safety

More effective coordination between RCC, RSCs and related entities.

Interface customised according to the needs of operational users

Follow up of RSC's and related entities' activities

New message alerts

Access to  the application from anywhere and from any device thanks to Web technology.

# GTI
## (Systems Technology Management)

# Thank You!!!