

AID TO NAVIGATION REQUIREMENT AND MANAGEMENT (ARM3)

INTRODUCTION OF EGYPT AS COASTAL STATE

- ◉ Egypt as A coastal state has nearly 2450 Km (1312 miles) of coastlines on Mediterranean Sea , Red Sea , Gulf of Suez , Gulf of Aqaba and Suez channel.

With a natural good location we Had the responsibility to Establish and Develop the Marine services for (AtoNs , Ports , channels) .

- ◉ Egypt Seeking Hard to provide Aids to navigations to all concerns along its coast with redundancy of different types of AtoNs , VTS , Buoys andetc
- ◉ So far , the Marine Administration in Egypt Undertake with The Egyptian Authority for Maritime Safety “ EAMS “

*Egypt has 2450 Km
(1312 miles) of coasts
on Med.n Sea
and Red Sea*



INTRODUCTION OF EGYPTIAN AUTHORITY FOR MARITIME SAFETY

The Egyptian Authority for Maritime Safety (EAFMS), former “Ports and Lighthouses Administration (PLA)” is one of the oldest Egyptian governmental facilities as it dates back to 1830 .

when an assembly was appointed to supervise the preparation to receive large vessels in the port of Alexandria.

INTRODUCTION OF EGYPTIAN AUTHORITY FOR MARITIME SAFETY

- ◉ EAMS Competencies As the Presidential Decree 399/2004 .

Competencies & Duties :

- ◉ Regulate and manage safety of maritime navigation in accordance to the International Conventions and regulations.
- ◉ Represent Egypt in International Maritime Organizations and those related to maritime safety.
- ◉ Technical cooperation with all the international ports and countries and to provide maritime assistance and services to all ships in the Egyptian territorial war.

INTRODUCTION IF EGYPTIAN AUTHORITY FOR MARITIMES SAFTEY *COMPETENCIES & DUTIES*

- ◉ Exchange technical, professional expertise and researches with the International, Regional Authorities in the field of maritime safety to upgrade the standards of securing ships and their navigation.
- ◉ Plan, develop, install, monitor, upgrade and maintain Lighthouses and navigational aids all over national coasts and to approve related permissions and certifications.
- ◉ Monitor of maritime safety standards and the quality of executed services provided by the Authority and to apply the necessary procedures to guarantee the compliance of the requirements of safety and security and to verify its documents and certificates.
- ◉ Participate in Search and Rescue plans and fighting of maritime pollution.

INTRODUCTION IF EGYPTIAN AUTHORITY FOR MARITIMES SAFTEY ***COMPETENCIES & DUTIES***

- ◉ Monitor the technical standards of Egyptian vessels and maritime units locally built or those purchased from abroad to verify their compliance of International technical requirements, to issue their Registration Certificates and note the actions it suffers and to issue and revalidate their sea worthiness certificates and the navigational permissions required.
- ◉ Set tests and issue Certificates of Competency and Marine Passports and also Sea Service Certificates to seafarers.

INTRODUCTION IF EGYPTIAN AUTHORITY FOR MARITIMES SAFTEY *COMPETENCIES & DUTIES*

- ◉ Monitor the technical standards of Egyptian vessels and maritime units locally built or those purchased from abroad to verify their compliance of International technical requirements, to issue their Registration Certificates and note the actions it suffers and to issue and revalidate their sea worthiness certificates and the navigational permissions required.
- ◉ Set tests and issue Certificates of Competency and Marine Passports and also Sea Service Certificates to seafarers.
- ◉ Set plans; implement means of navigational traffic and to identify waterways and passages and to issue navigational reports and alerts to maintain safety in territorial waters.

INTRODUCTION OF EGYPTIAN AUTHORITY FOR MARITIMES SAFTEY

- ◉ Operate, maintain, and make full use of radio and radar beacons to maintain the safety of navigation in territorial water.
- ◉ Provide training programs locally and abroad for the Authority's personnel to develop their performance in accordance to the internationally applied criteria.
- ◉ Draft marine salvage and pollution laws, monitor their implementation and coordinate with the related agencies in accordance to the equivalent internationally applied laws.
- ◉ Apply the necessary procedures in cases of marine collision and other accidents or casualties like fire and sunk including investigating those accidents in cooperation with specialized agencies and to issue the necessary reports and to endorse maritime reports and (sea protests).

EGYPTIAN AID TO NAVIGATION

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Warning-signals

•8



Lateral Marks

•21



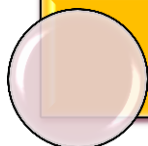
Beacons

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Lighthouses

Srabioum •
Navigational
warning
Center



•6



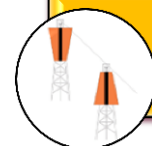
DGPS

•17

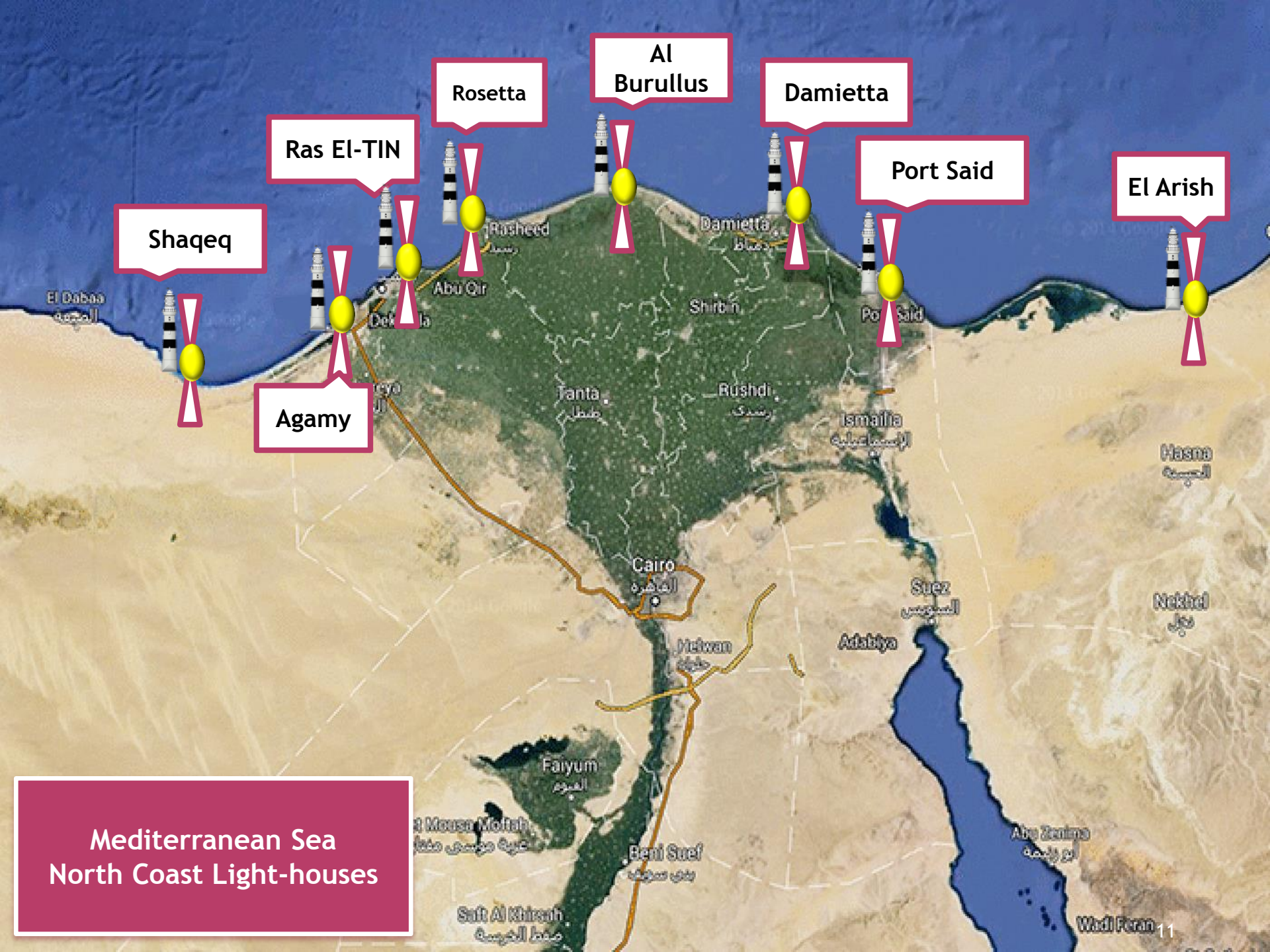


Buoy

•12



Leading Lights



Shaqeq

Ras El-TIN

Rosetta

Al
Burullus

Damietta

Port Said

El Arish

Agamy

Mediterranean Sea
North Coast Light-houses

Ein
Sokhna

Abo El-
Darag

Zaafra
na

Gulf of Suez

Ras
Gharb

RaS
Shukir

Hadan

Um-el
seed

Gulf of Aqaba

Red Sea

Gulf of Suez West
Coast
LightHouses

Aid To Navigation Management

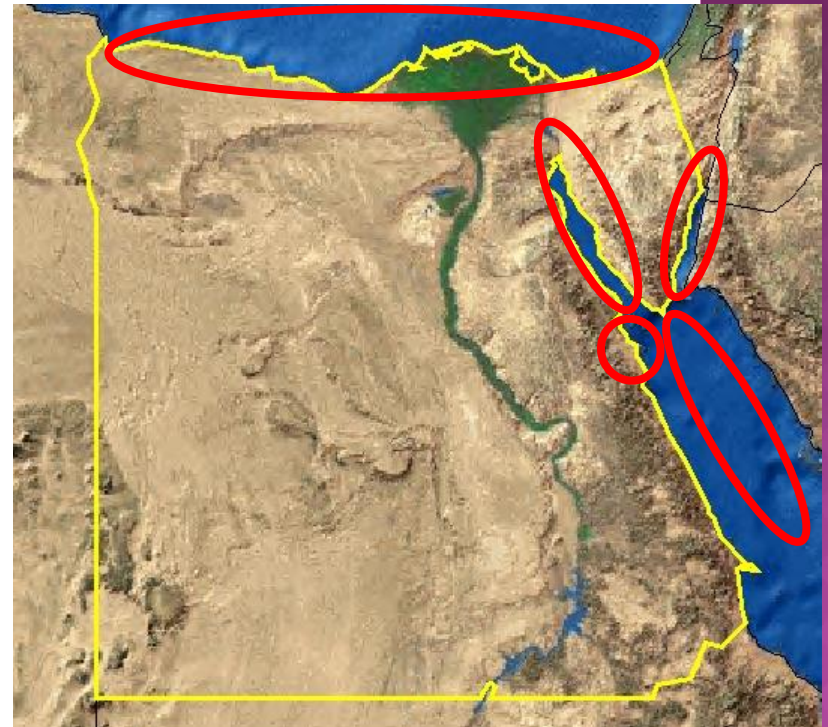
- To Manage and monitoring aid to navigation services
- There are (9) AtoN projects

Mediterranean Sea AtoNs Projects

- 1- North-coast and Mediterranean sea AtoN project.
- 2- Matrouh Buoys and lateral marks project

Gulf Of Suez AtoNs Projects

3. Gulf of Suez & Red Sea AtoN Project
4. Gulf of Suez Large Light Buoys Project
5. Gulf of Suez & Gulf of Aqaba Warning Buoy Project
6. Vessel Traffic System Project.
7. Red Sea Islands LightHouses Project
8. Aid to Navigations of Hurghada Project
9. Aid to Navigations of Gulf Aqaba Project



THANK YOU ...