

Official Website
Egyptian Maritime Data Bank

User Guide

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Maritime Transport Sector occupies a unique position in the national economy. Ports, in specific, resemble a special economic importance for maritime countries for they enjoy of several activities and direct impact on foreign trade by sea.

Hence, establishing the Egyptian Maritime Data Bank (EMDB) – **the first specialized maritime transport data bank in the Middle East, Africa and the Arab World since 1996** – is considered an important step to improve this vital sector. It is also considered the nuclear of establishing an Arab Maritime Transport Data Bank, especially that exchanging information of maritime transport industry among Arab countries has become a necessity to support the competitive potentials in front of international competitions. This comes for the purpose of coping with the global trends that is characterized by forming blocs and globalizing services. In fact, several Arab countries started to follow Egypt's steps towards establishing similar maritime transport data banks.

Objectives of Establishing EMDB

- Establishing a central database including all the data of the activities of Maritime Transport Sector and updating it periodically.
- Participating and Cooperating with external informative authorities (local and foreign) to achieve informative integration
- Allowing the global user to achieve the highest available benefit from EMDB services through the Internet

In the shadow of the technological advancement and development of information technology application, where handled information on the internet became the prompt and effective mean to achieve the highest benefits from important data and information, the website **aims** at offering integrated and informative services to the concerned entities wherever they are and in the suitable time with promptness of performance. This allows decision makers to depend on this information for the purpose of supporting the competitive capacity in the shadow of globalization which became a reality in the 21st century.

Website Name : Egyptian Maritime Data Bank

Website Address : www.emdb.gov.eg

Website Languages : Arabic and English (Full Versions)

Date of Establishment : January 1, 2006

Number of Visitors : 792644 starting from the first of January 2006 until May 14, 2010

Number of Offered Services

Interactive Services :12

Informative Services :5

Technology Used in Implementing the Website :

Microsoft Visual Studio.Net 2008
 XML & XSL
 Oracle 11g database
 Macromedia Flash MX 2004
 Macromedia Dreamweaver MX 2004
 Adobe Photoshop CS2ME&CS4
 Adobe Illustrator CS2
 Adobe InDesign CS_ME

Controlling the Website : Controlling the dynamic data application is through Administration Modules, such as (News – Indicators of Port Performance – Participants' Services - Maritime Terminologyetc)

Number of Employees in the Egyptian Maritime Data Bank

: 59 specialized entities

Number of Employees in implementing the Website

: 24 Engineers and Technicians

Number of Servers : 15 Servers

(1) Introducing EMDB



Since the actual operation in 1/7/1996, EMDB has become one of the high technological tools that comply with the technological advancement that Egypt is passing through. EMDB has witnessed several development phases to cope with the global technological development, including developing operational means, transferring EMDB applications to modern environment and finding a domain for EMDB on the Internet in order to raise the efficiency of its performance, especially after expanding the base of the services offered to a large scale of beneficiaries through direct contact with EMDB Network, in addition to issuing several periodical publications or through customer services in the main office. In the coming few lines, we would concentrate on the most important features of EMDB.

EMDB Subsystems

It contains 4 main groups, including 21 subsystems of mutual nature:

- Egyptian Ports Traffic Subsystems

It contains the most important data of ports and vessels features, vessel and cargo traffic, stevedoring traffic, shipping lines performance, daily statement of total traffic, specialized ports data and authorities and companies working in the field of maritime transport, in addition to Suez Canal traffic.

- Egyptian Authority for Maritime Safety Subsystems

It includes specialized data in maritime inspection (registered vessels and recorded maritime units), seafarers (maritime passports and sailors' contracts) and casualties and pollution.

- Human and Financial Resources Subsystems

It includes subsystems of investment, balances, in addition to human resources (data of employees in the Maritime Transport Sector in the Public Department, Ports and Lighthouses Authority, Ports authority, in addition to companies affiliated to the Holding Company for Maritime Transport)

- Bibliographic Subsystems

These subsystems contain everything documented; such as Egyptian maritime legislations, researches and studies dealing with Egyptian maritime transport, selective broadcast, which contains the most modern specialized issues in the maritime transport industry classified to groups according to specialization and the current awareness (the most modern issues and news that concern working entities in the maritime transport industry)

In order to achieve the best performance and the highest benefits, data of EMDB subsystems have been handled by statistical and economical analysis.

(2) Offered Services

Services are the basis of the idea of establishing this website, as the service is offered on direct interaction between us and our clients through a group of services offered by the website represented in interactive and informative services.

1-Interactive Services



Participants' Services

It needs registration in the website and gaining the username and password to allow benefiting from this service. This services is represented in the following:

A) Annual Statistical Book

B) Maritime Ports Guide

C) Specialized Subjects (Researches, Studies, Selective Broadcast)

D) Authorities and Companies Guide

E) Reports of the Egyptian Authority for Maritime Safety Subsystems (Prepared Reports), considering that other subsystems would be added later

F) Reports according to the Client's Desire (Special Detailed Reports)

G) Participants' Complaints

2- A Data Base for the Maritime Agencies Operating in Egypt

a data base including data on all the maritime agencies operating in Egypt was established. The data base aims at using the electronic data interchange instead of the traditional paper works so the required data can be easily obtained to follow- up and implement the necessary procedures.

Followed Steps in implementing the offered services:

1- Receiving the application electronically

2- Auto response to confirm receiving of the application

3- Means of obtaining the service



The client is called by the competent employee to confirm the application and review the required data and as soon as fulfilling all the conditions, the service is obtained through the following means of payment:

2- Free Interactive Services (Do not need registration)

(2-1) Indicators of the Egyptian Seaports Performance

This is a monthly service done through the information gathered from the Egyptian seaports, by evaluating the performance of each port separately such as the indicators of the functional financial performance, rates of stevedoring, indicators of the infrastructure efficiency, revenues and expenditures...etc.

(2-2) Technical Definitions of International Trade and Maritime Transport

It includes an explanation to the important internationally well known expressions in External trade operations (Export and Import operations) and the important technical expressions used generally in international transport field and specially in maritime transport .

(2-3) E-Bulletin

It is a (monthly - electronic – free) bulletin in Arabic and English. It is specialized in issuing news and information in various maritime transport fields in general and the Egyptian in particular, in addition to the Suez Canal News. It also issues the most modern agenda for international maritime seminars and conferences in the coming period...etc

(2-4) Maritime Transport Entities

It is a free data base that allows its users to find Egyptian and international companies that operate in the field of maritime transport and its related services in an easy and effective way, such as (shipowners, brokers, suppliers, agencies, shipyards, etc. ...)

(2-5) Maritime Transport Terminology

It includes a detailed explanation to the internationally recognized terminology in the field of foreign trade operations (import and export), in addition to the most important technical terms that are currently used in the field of international transport, in general and maritime transport, in particular.

(2-6) Ideal Employee

Participants contribute in a public vote in the internal network of EMDb to select the Ideal employee of the month.

(2-7) Participants' Suggestions

The suggestion is received electronically. Then, it is submitted to the competent authorities. The sender would be informed of the response in case of an emergency within two working days no more.

(2-8) Really Simple Syndication "RSS"

It sends the users messages through "RSS" program that allow them to review the latest news instead of searching in the website. Users choose the information that they want by selecting the category they are interested in from the news on the website "such as maritime transport news, world news, Arab news, ..

(2-9) Storm List

A Table of maritime storms of Alexandria Port all year long.

(2-10) Related Websites

This part handles the website related to the maritime transport on all levels (National, Arab, Regional, International ...) Distributed according to the different specialties in this field, in addition to the Egyptian

Note:

The implementation of the interactive services is followed up through the customer services team of EMDb. Its role is summarized in following up the implementation of all services, especially related to human resources and guaranteeing its implementation through the quality assurance group and delivering it on the prescribed time. Interactive services are subject to an increase in the near future.

(3) Most Important News

The main objective is the most important news on the local and international (Arabic and English Version), as the most important navigation conferences locally and internationally are being notified of, in addition to the most important international and Arab news, considering that these data are processed (entry – edit – delete) from any available computer with an active internet line, on the condition that the user has a special access privilege of this profile. Most departments enter daily news related to the sector and affiliated authorities, especially the public relation department, technical office, secretary of the sector's head. Hence, they are all revised on behalf of the concerned in EMDB, where news is accurately revised and linguistically and informatively corrected and then they would be transferred to the translation department to publish the English version.

(4) Egyptian Maritime Ports

This part handles the most important characteristics of 15 Egyptian commercial maritime ports through listing the available port characteristics, berth potentials and storage areas and other details that clarifies the importance of these port as a part and parcel of the Egyptian Maritime Transport System, in addition to presenting the most important characteristics of the 45 Egyptian specialized ports (Petroleum – Mining – Tourist – Fishing).

(5) Egyptian Authority for Maritime Safety

The Egyptian Authority for Maritime Safety (formerly Ports and Lighthouses Authority) is considered among the oldest governmental authorities in the country. Its establishment is dated back to 1830. This page sheds light on the general specialization of the authority, most important achievements and applied navigation systems, in addition to the important information of lighthouses serving Egyptian Maritime Ports in the Red and Mediterranean Seas.

(6) Suez Canal

Suez Canal enjoys a unique geographic location, which makes it a linking chain between the Mediterranean Sea at Port Said and the Red Sea at Suez. Hence, this part concentrates on the current situation of the Canal, some annual statistics, canal traffic system in the canal, in addition to the most important characteristics of the canal...etc.

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