

EU LRIT Ship data-base

**EU LRIT Expert Group meeting
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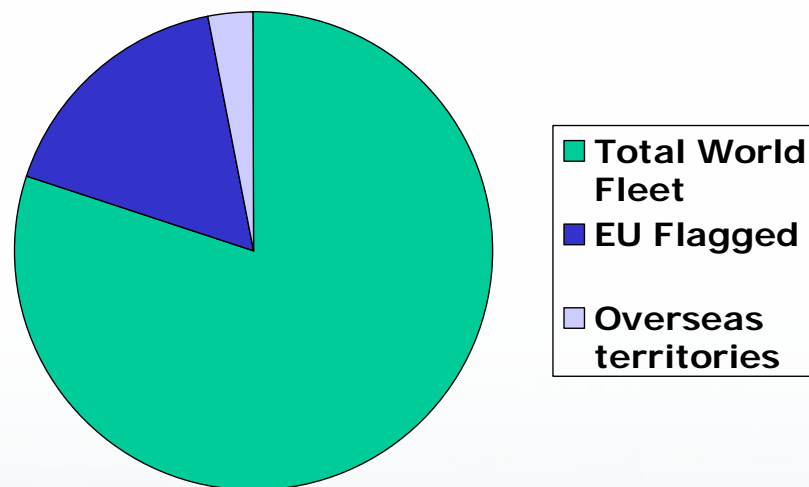
Contents

- Status of the Tender Process
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- MS contribution



Significance of EU

- **EU flagged ships** =
Approximately 9,500 vessels*
- **Overseas territories** =
approximately 1,800 vessels
- * only vessels engaged in international voyages, preliminary conservative estimations



EU LRIT DC to cover about 20-25 % of world's fleet

Data management

- MS will have direct access to the database via a web interface
- **ONLY** MS (Flag State) decides which ships are in the DB and will report to the EU LRIT DC
- Daily update required by Member States in accordance with IMO Res. A887 (21), which concerns registration databases for GMDSS
- EMSA only provides ship DB information to ASP through the EU LRIT Data Centre.

Web Interface

LRIT System Login

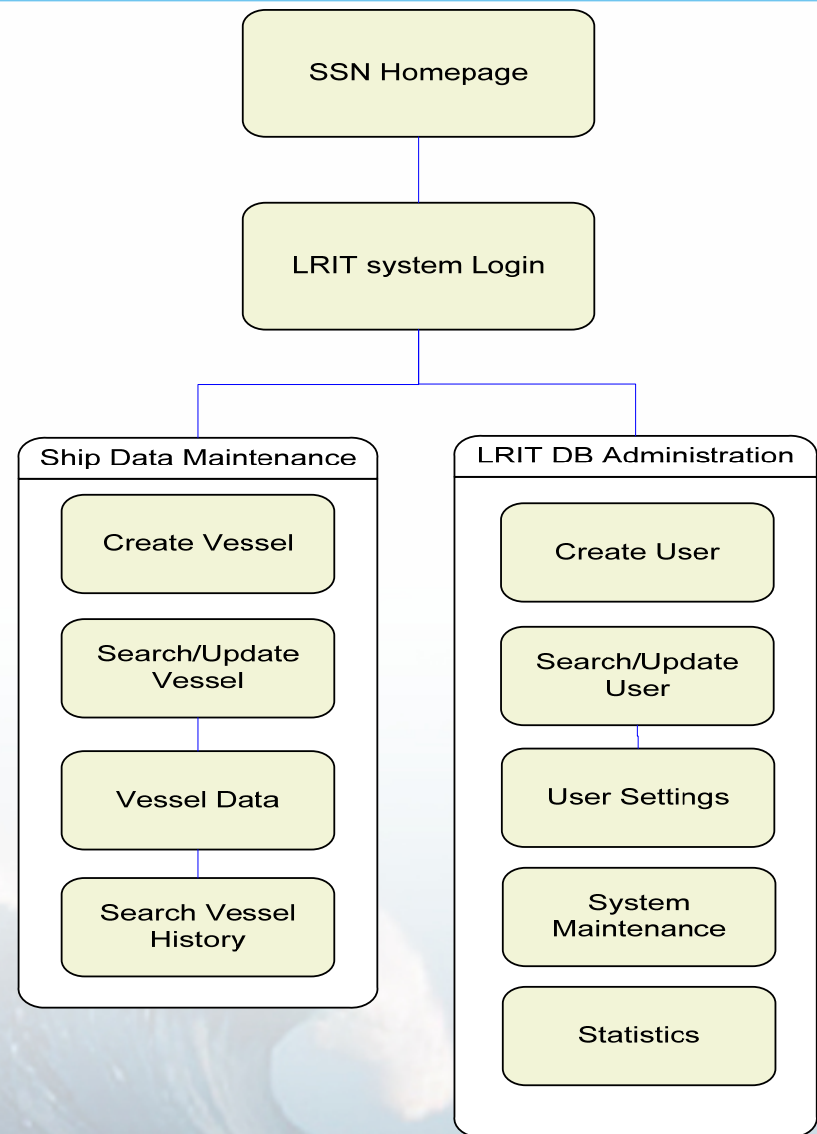
Username/Password provided by EMSA

Ship Data Maintenance

Accessible only by MS

LRIT DB Administration

Accessible only by EMSA Operator



LRIT Ship DB access



Find
Information

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Notification

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Forms

Management
Console

EU LRIT
System

LRIT database security requirements

- **Identification & Authentication**
- **Authorization**
- **Confidentiality**
- **Integrity**

Mandatory data

IMO resolution MSC 210(81) - Performance standards and functional requirements for the LRIT system

> Administration provides ship data to EU LRIT DC for ships flying its flag and provides updates

IMO Number
MMSI Number
Call sign
Ship name

Initially populated by means of data files import

Additional data

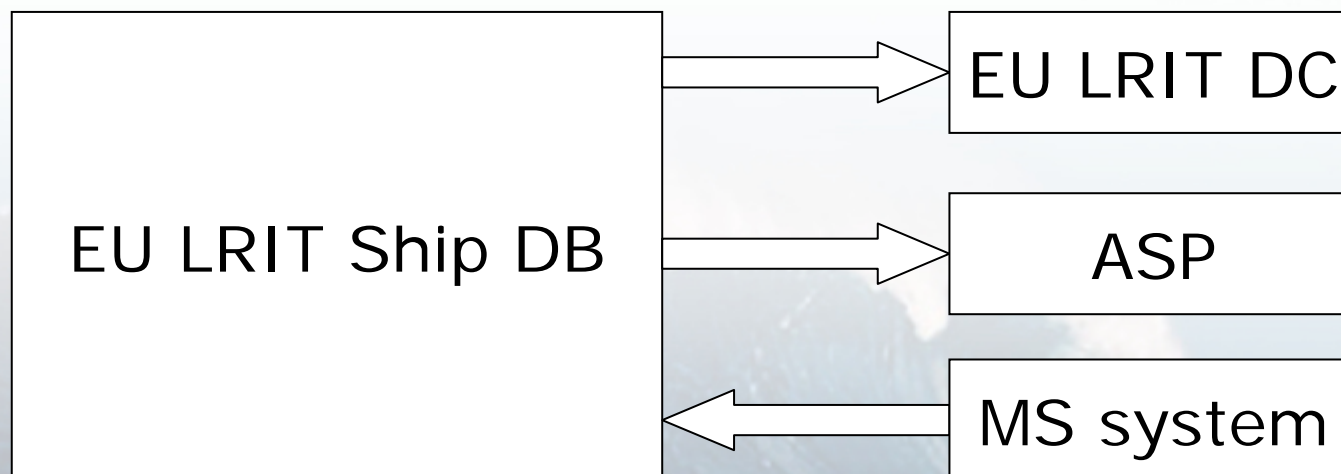
To facilitate ship integration in the LRIT system, additional data is requested (which is optional):

- Communication Network used for LRIT**
- Ship-borne equipment identification**
- Ship Owner contacts, as in IMO Res. A887 (21)**

External Interfaces

The EU LRIT Ship Database will communicate with the following external systems:

- EU LRIT Data Centre
- ASP
- MS systems for automatic update, if required



LRIT Ship DB project plan

- **Initial list of ships to be provided in electronic format by MS**
- **Initial database population and system administration will be performed by EMSA Operators**
- **Installation at EMSA premises**
- **Testing and final acceptance**

LRIT Ship Database time plan

June 2008 : Start application development

July 2008 : First prototype

September 2008 : Installation at EMSA, initial population and testing

October 2008 : LRIT Ship Database operational

Actions by MS

- **End of July 2008** - Provide EU LRIT DB with required ship information (electronic files); format will be provided by EMSA in June 2008
- **September 2008** – Test access to the LRIT EU Ship Database
- **October 2008** – EU LRIT Ship Database ready and to be kept updated

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