

# EU LRIT CDC developments

**4<sup>nd</sup> LRIT NCA meeting**  
**3 May 2011**

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- UWI Release status
- Audit
- Future changes/additional user requirements
- Xml Interfaces
- Ship database upgrade
- Q&A

## UWI Release Status

- EU CDC version is 1.1.4.00, installed mid Dec. 2010, validated April 2011 in Prod & Test
- 17 evolutions and 22 corrections of anomalies
- Major evolutions:
  - the new ship integration process
  - the ship history
  - the billing enhancements
  - IMO changes (new Xsd, SAR archive, receipt 1 with invalid DDP, non metropolitan territories)
  - Upgraded Xml interface Ship db/EU CDC
- Next release 1.1.5 00 mid-June 2011
  - Corrective maintenance of the EU CDC

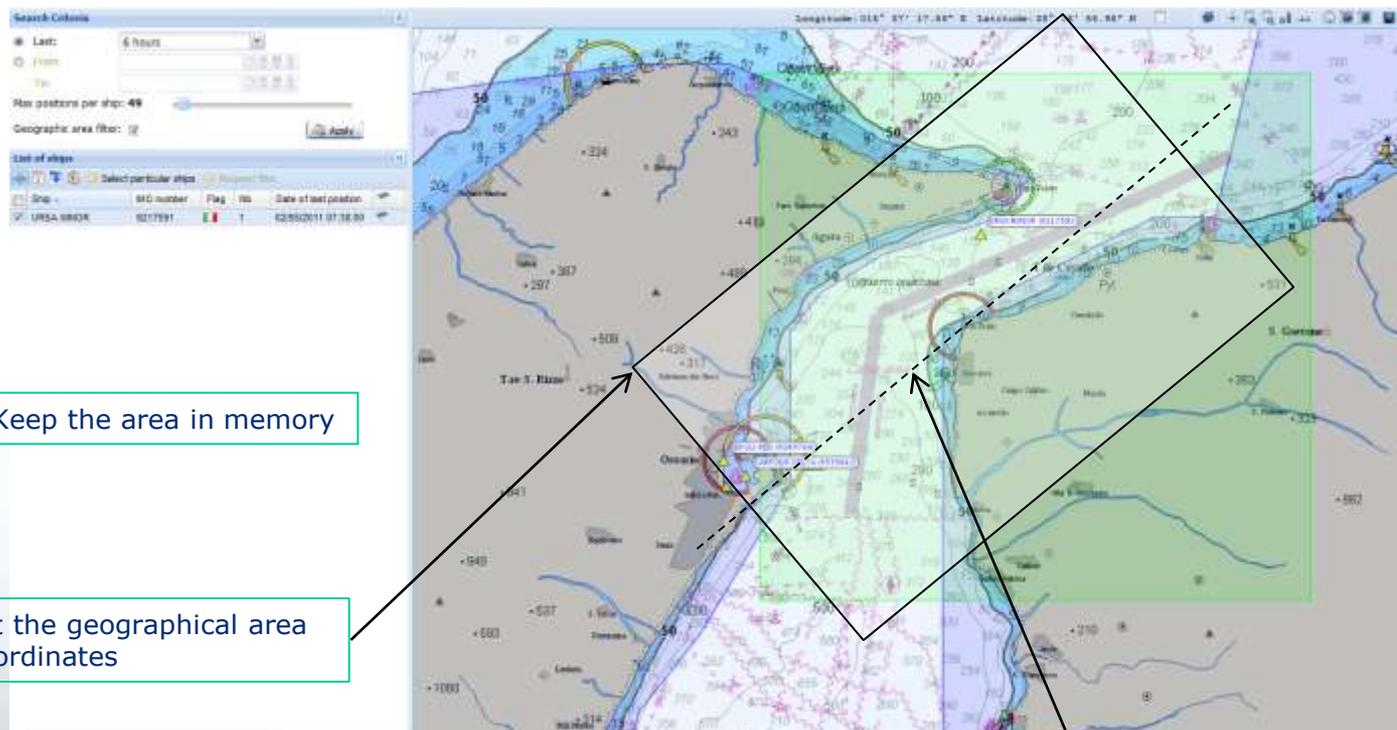
## Audit

- Reference text: Res. MSC. 263(84) sect.14.4
- Period covered by the audit: 4 June 2010 to 3 June 2011
- Audited Activity period: 1 Jan. to 30 Jan. 2011
- Scheduled audit date: 31 May 2011

## Future changes/additional user requirements

- Geographical area filter: improvements
- Facilitating the LRIT reporting: Colors
- Facilitating the LRIT reporting:  
Automatic Alert Service (AAS)
- SAR SURPIC: improvement

## Geographical area filter: improvement



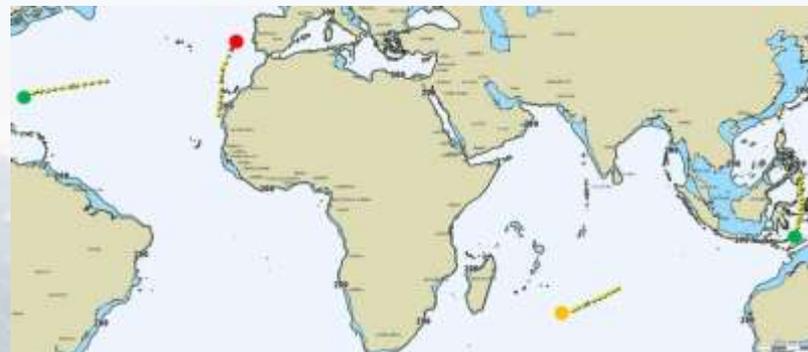
Keep the area in memory

Select the geographical area  
by coordinates

Orientate the axe of the area

## Facilitating the LRIT reporting: Colors

- LRIT EU NCA to select option:
  - option 1 : age of the last position displayed on the map
    - Example for age of the last position:
      - $X \leq 6\text{h}$  => green
      - $6 < X \leq 24\text{h}$  => yellow
      - $24 < X$  => red
  - option 2 : reporting status of the ship at its last position displayed on the map
    - Example for ship reporting status:
      - Normal => green
      - Over reporting => yellow
      - Under reporting => red
      - Not reporting => black

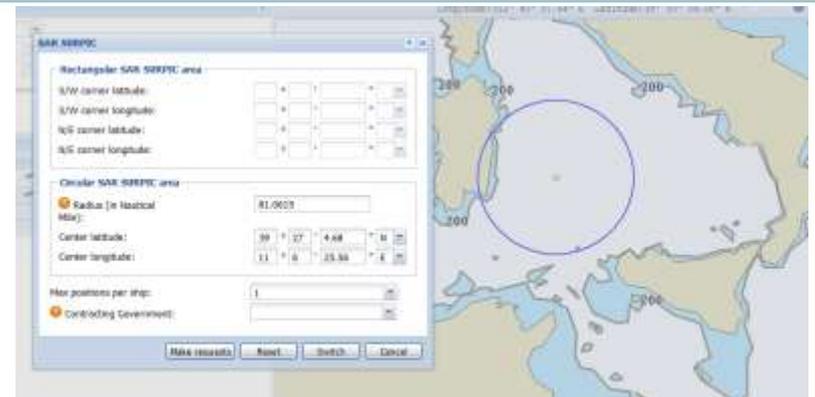


## Facilitating the LRIT reporting: Automatic Alert Service (AAS)

- AAS basic concept: immediate information (email) triggered by change of ship reporting status and/or integration status.
- Information to be sent automatically by email to:
  - the corresponding EU MS (Flag with corresponding role) and/or
  - the corresponding ship's point of contact (shipowner or ship operator, as per information provided by EU MS into the EU Ship DB)
- Alert and Text configurable via a dedicated menu on the EU LRIT CDC UWI (ex: only in case of ship changing its reporting status for "not reporting")
- AAS main objectives:
  - Providing the POC (EU Flag or shipowners) with real time LRIT reporting status of their ships
  - Saving time and efforts at the EU MS level for following up the LRIT reporting with their shipowners
  - Improving the overall LRIT reporting of ships within European flags

## SAR SURPIC: improvement

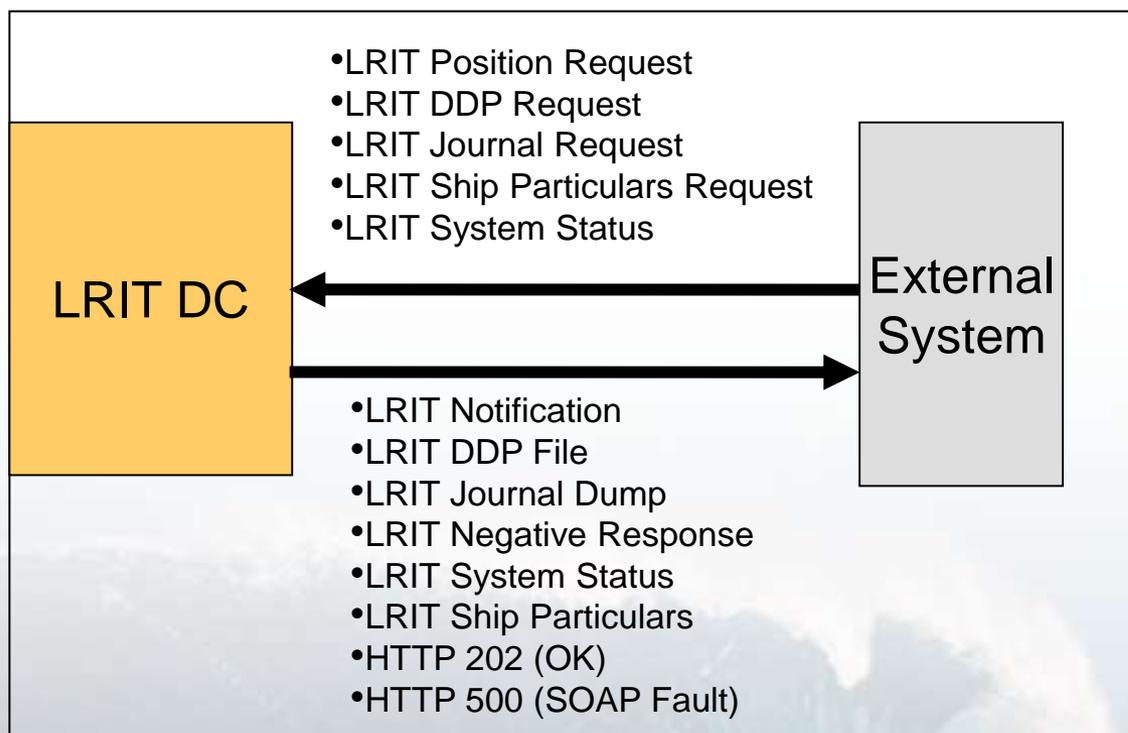
- The user should be able to view the selected SAR SURPIC area and the associated LRIT information on the map, even if no position is present in the SAR SURPIC.



- The user should be able to make a SAR SURPIC from both maps (Mercator or orthographic) using the same functionalities available on the UWI.
- The drawing of the SAR SURPIC should be easier
-  It should be possible to change/adjust the SAR SURPIC characteristics (coordinates of the centre and radius) from the SAR SURPIC window by manually inserting the radius value and the Lat/long coordinates.

# Xml Interfaces

The main functionality of the XML Interface is the possibility to request and receive LRIT information through the EU LRIT CDC with a Web Service based mechanism

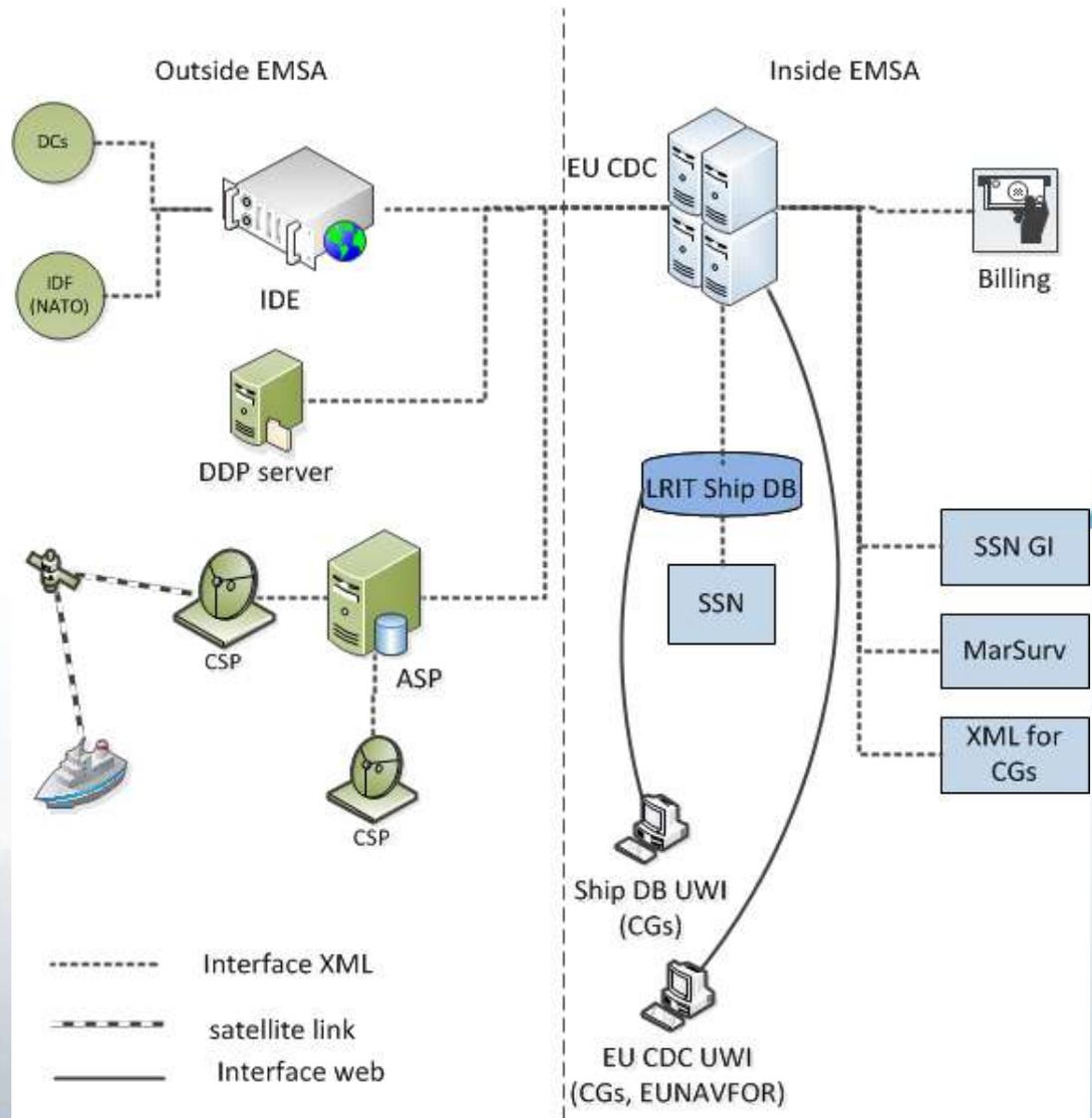


## Xml Interfaces

- Xml interface is available on EU LRIT CDC Production site
- Before going to production, MS shall pass the Testing and Commissioning phase
  - MS should follow the Testing procedure, described in doc. *Implementation and Testing v1.1*, to test the messages exchange between the EU CDC and the Member State system.
  - MS should send the test report to EMSA

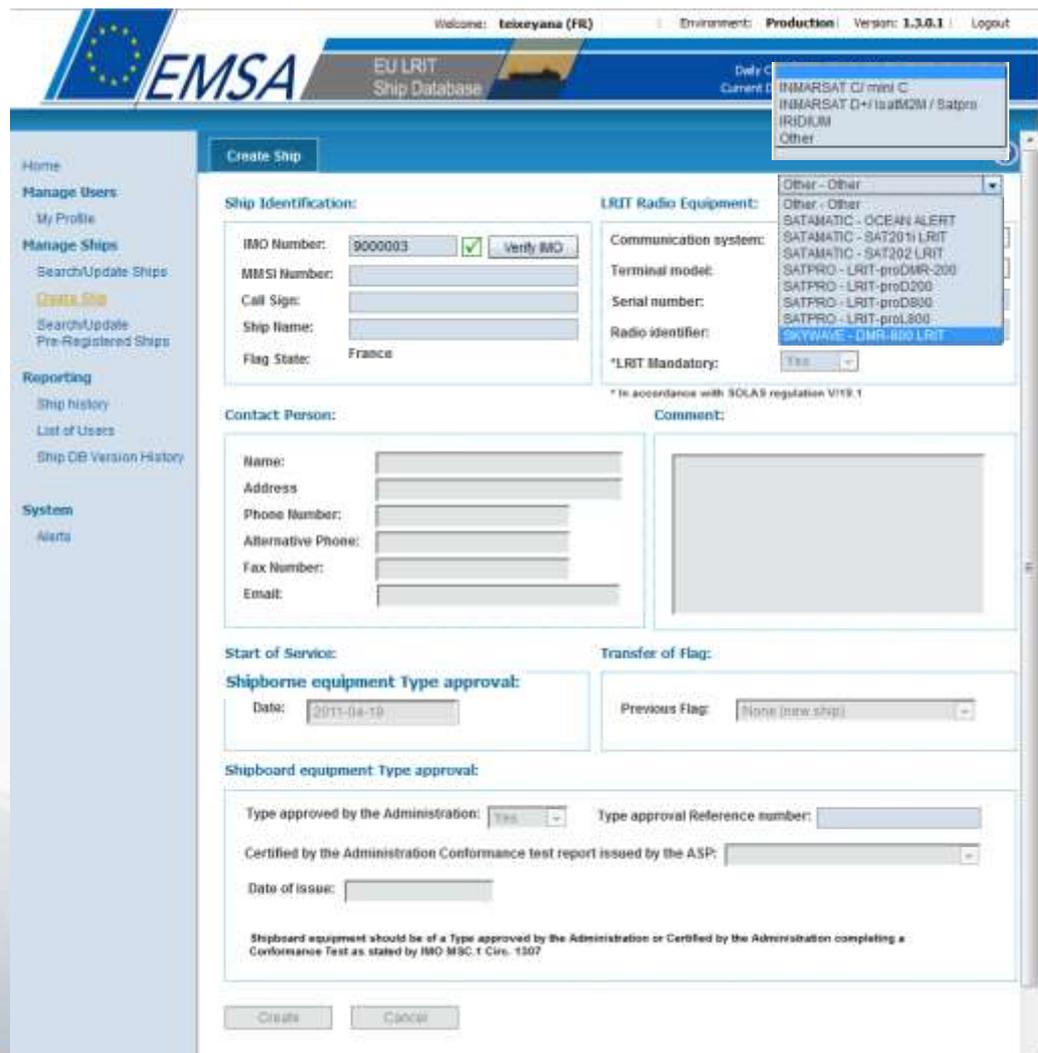
# Interfaces summary

(For information)



# Ship DB upgrade

- In production since Feb. 2011
- Version consolidated May 2011
- Add new fields & helps
- Values for new fields filled-in by EMSA for the existing ships
- Security policy improvement
- "Type approval" window updated with IMO Circ. 1307
- Xml interface with SSN



The screenshot shows the 'Create Ship' form in the EMSA Ship Database. The form is divided into several sections:

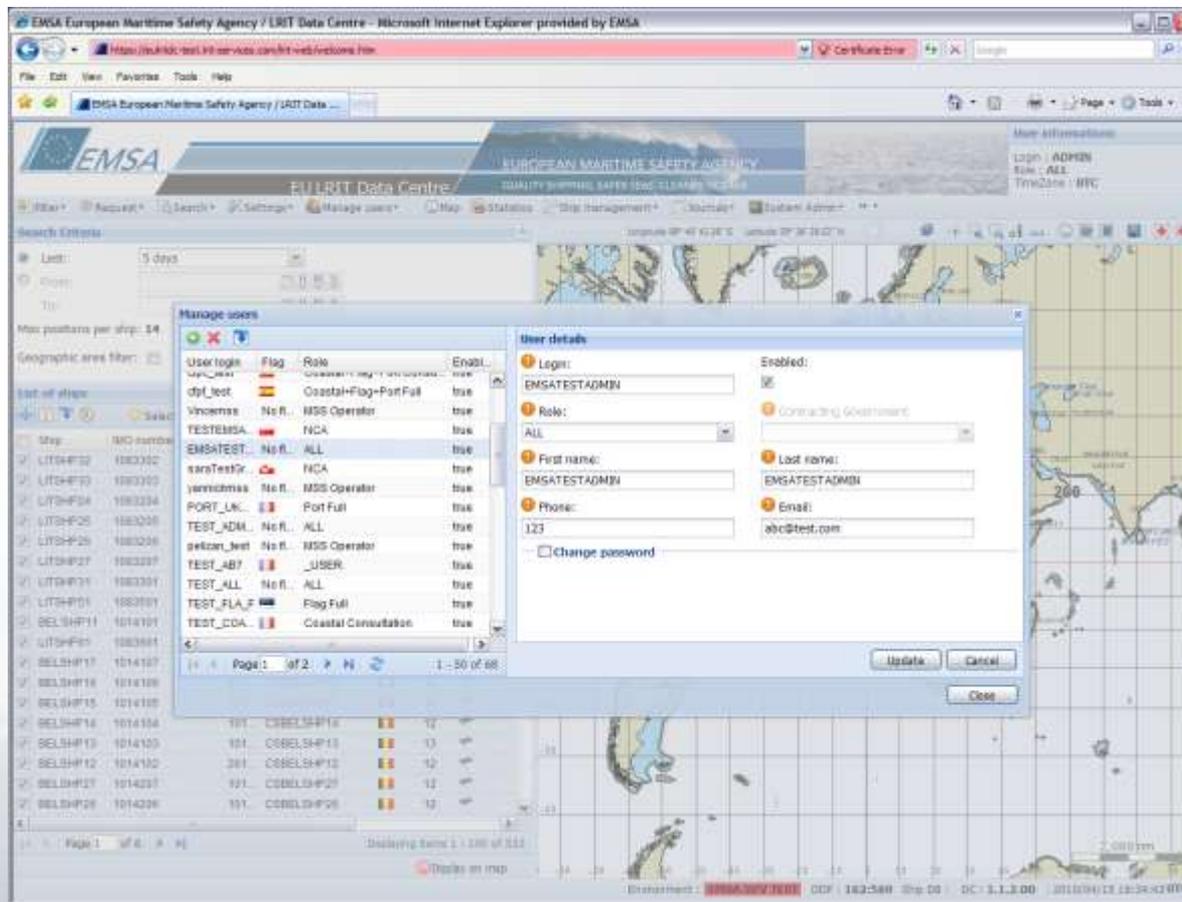
- Ship Identification:** Includes fields for IMO Number (9000003), MMSI Number, Call Sign, Ship Name, and Flag State (France). There is a 'Verify IMO' button.
- LRIT Radio Equipment:** Includes a dropdown menu for 'LRIT Radio Equipment' (currently showing 'Other - Other'), a 'Communication system' dropdown, 'Terminal model', 'Serial number', and 'Radio identifier' fields. A 'LRIT Mandatory' dropdown is set to 'Yes'.
- Contact Person:** Includes fields for Name, Address, Phone Number, Alternative Phone, Fax Number, and Email.
- Comment:** A large text area for entering comments.
- Start of Service:** Includes a 'Date' field set to 2011-04-10.
- Transfer of Flag:** Includes a 'Previous Flag' dropdown set to 'None (new ship)'.
- Shipboard equipment Type approval:** Includes a 'Type approved by the Administration' dropdown (set to 'Yes'), a 'Type approval Reference number' field, a 'Certified by the Administration Conformance test report issued by the ASP' dropdown, and a 'Date of issue' field.

At the bottom of the form, there are 'Create' and 'Cancel' buttons. A small note at the bottom states: "Shipboard equipment should be of a Type approved by the Administration or Certified by the Administration completing a Conformance Test as stated by IMO MSC.1 Circ. 1307".

# Reminder

## From Time to Time .....

Update User details



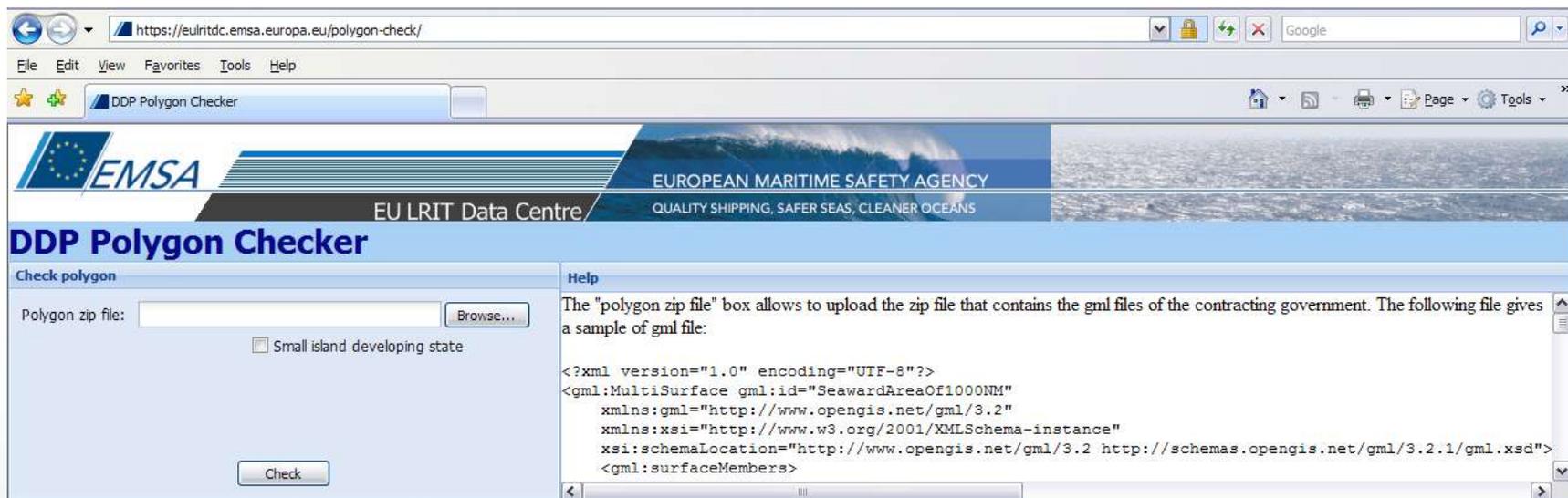
The screenshot shows the EMSA LRT Data Centre interface. A 'Manage users' dialog box is open, displaying a list of users. The 'User details' sub-dialog for 'EMGATESTADMIN' is also open, showing fields for Login, Role, First name, Last name, and Email, along with an 'Enabled' checkbox and a 'Change password' option.

User login	Flag	Role	Enabled
cbf_test		Coastal-Flag-Port Full	true
Vincemsa	No fl.	MSS Operator	true
TESTEMSA	No fl.	NDA	true
EMGATEST_	No fl.	ALL	true
saraTestFr	No fl.	NDA	true
janiszmska	No fl.	MSS Operator	true
PORT_LK_		Port Full	true
TEST_ADM_	No fl.	ALL	true
pelican_test	No fl.	MSS Operator	true
TEST_AB7		_USER	true
TEST_ALL	No fl.	ALL	true
TEST_FL_A		Flag Full	true
TEST_CCA_		Coastal Consultation	true

**User details for EMGATESTADMIN:**

- Login: EMGATESTADMIN
- Role: ALL
- First name: EMGATESTADMIN
- Last name: EMGATESTADMIN
- Email: abc@test.com
- Enabled:
- Contracting Government:
- Change password:

# Don't Forget.....validate your polygons before uploading in the DDP

A screenshot of a web browser displaying the 'DDP Polygon Checker' application. The browser address bar shows the URL 'https://eulritdc.emsa.europa.eu/polygon-check/'. The page header includes the EMSA logo and the text 'EU LRIT Data Centre' and 'EUROPEAN MARITIME SAFETY AGENCY'. The main content area is titled 'DDP Polygon Checker' and contains a 'Check polygon' section with a 'Polygon zip file:' input field, a 'Browse...' button, and a checkbox for 'Small island developing state'. Below this is a 'Check' button. To the right is a 'Help' section with text explaining the 'polygon zip file' box and providing a sample GML file snippet.

```
<?xml version="1.0" encoding="UTF-8"?>
<gml:MultiSurface gml:id="SeawardAreaOf1000NM"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.opengis.net/gml/3.2 http://schemas.opengis.net/gml/3.2.1/gml.xsd">
  <gml:surfaceMembers>
```

- <https://eulritdc.emsa.europa.eu/polygon-check>





## Assistance

### Maritime Support Services

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Operating on a 24/7 basis



# Questions ??