



1st SSN LRIT Group Meeting

LRIT Roadmap

Agenda item 1.4.1

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Lisbon / 17 May 2017



- **EU LRIT CDC release v3.0 (IMO MSC 95)**
 - **Assistance for test validation:**
 - Chile
 - Turkey
 - United States
 - Viet Nam
- **Validation of test reports by the IDE:**
 - **Mongolia, Panama, Singapore**

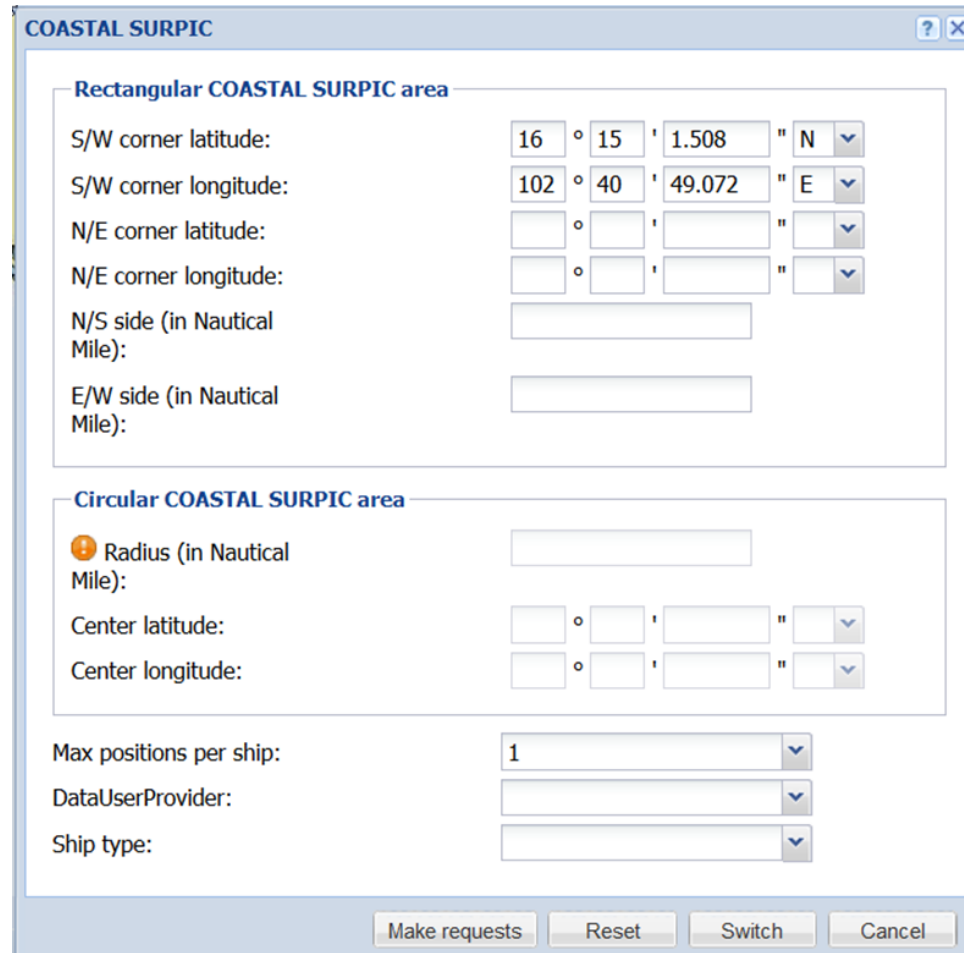
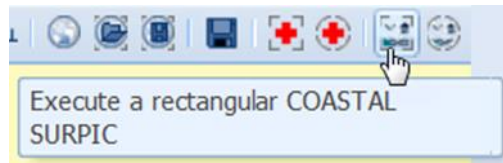


- **New maintenance contract: 13 Dec 2016**
- **Requests For Change:**
 - LRIT IDE version 3.1
 - EU LRIT Ship DB version 2.1
- **Change Requests**
 - Developments on-going
- **Testing Technical Specifications**
 - Procurement on-going

LRIT Services. Maintenance

Date	Task	Responsible
18 April 2017	Deployment in PROD of IDE v3.0	EMSA
18 April 2017	Deployment in PROD of EU LRIT CDC v3.0	EMSA
April-June 2017	Development of LRIT IDE v3.1	EMSA
April-June 2017	Development of EU LRIT Ship DB v2.1	EMSA
May 2017	Deployment in PROD of LCT v3.0	EMSA
June-September 2017	Testing of EU LRIT Ship DB v2.1	EMSA
June-October 2017	Testing of LRIT IDE v3.1	EMSA
October 2017	Deployment in PROD of EU LRIT Ship DB v2.1	EMSA
November 2017	Deployment in PROD of LRIT IDE v3.1	EMSA

- Coastal SURPIC (rectangular & circular) in the UWI

A screenshot of the "COASTAL SURPIC" dialog box. The dialog is titled "COASTAL SURPIC" and has a standard Windows-style title bar with a question mark and close button. It contains two main sections: "Rectangular COASTAL SURPIC area" and "Circular COASTAL SURPIC area".

The "Rectangular COASTAL SURPIC area" section includes:
- "S/W corner latitude": 16 ° 15 ' 1.508 " N (dropdown)
- "S/W corner longitude": 102 ° 40 ' 49.072 " E (dropdown)
- "N/E corner latitude": (empty) ° (empty) ' (empty) " (dropdown)
- "N/E corner longitude": (empty) ° (empty) ' (empty) " (dropdown)
- "N/S side (in Nautical Mile)": (empty text field)
- "E/W side (in Nautical Mile)": (empty text field)

The "Circular COASTAL SURPIC area" section includes:
- "Radius (in Nautical Mile)": (empty text field)
- "Center latitude": (empty) ° (empty) ' (empty) " (dropdown)
- "Center longitude": (empty) ° (empty) ' (empty) " (dropdown)

At the bottom of the dialog, there are three more fields:
- "Max positions per ship": 1 (dropdown)
- "DataUserProvider": (empty dropdown)
- "Ship type": (empty dropdown)

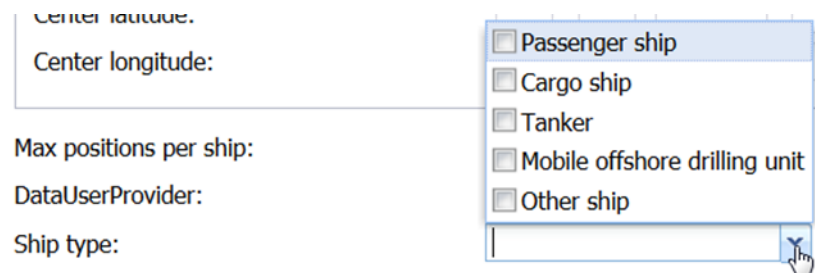
At the very bottom, there are four buttons: "Make requests", "Reset", "Switch", and "Cancel".

Coastal SURPIC Functionality (cont.)

- Same principle as SAR SURPIC, plus
 - Possibility to select positions from only one flag



- Possibility to select one or several ship type (per default: all are selected)



Filtering in a Coastal Standing Order

- Possibility to filter what is received in a CSO
- Filtering by exclusion: what you don't want to receive
 - E.g. For GAOT1050_13: US is excluded
 - E.g. For GAOT1050_17: MODU ships are excluded

Seaward Area of 1000NM

Area ID	Caption	Excluded flags	Excluded ship types	Status
GAOT1050_1	France, SeawardAreaOf1000NM, Metropole			Activated
GAOT1050_13	France, SeawardAreaOf1000NM, St Pierre et Miquelon	United States		Activated
GAOT1050_17	France, SeawardAreaOf1000NM, Mayotte		Mobile offshore drilling unit	Activated

Custom Coastal Areas

Area ID	Caption	Excluded flags	Excluded ship types	Status
GACA1050_1	France, Strait of Sicily, Test standing order		Cargo ship	Activated

Edit standing order Delete standing order

- It is possible to exclude several flags and ship types
- It is possible to combine the exclusion of flags and ship types

Automatic change of reporting rate in Standing Orders

- Test in IMDatE and EU LRIT CDC Pre-Prod failed
- Current implementation abandoned
- New developement to be done with Frontex Team: Frontex already developed a module that retrieve the Automatic Behaviour Monitoring (ABM) alerts, that can be enhanced with this feature
- Delay: 2-3 months
- Question: is this still needed, given the current tracking capability provided by Sat-AIS?



- LRIT training in EMSA done on SEG application (16 May)
- SEG to be updated to include response to requests and IMO changes:
 - Coastal SURPIC Request
 - Update of Coastal Standing Order
 - Filtering possibilities

Requests for further training should be sent to EMSA by email or letter so planning can be prepared in advance



- **LRIT Operational Governance Body**
 - **Monthly Conference Calls**
- **Exercises**
 - **Maritime Support Services**
 - **ICT 24/7 Contractor**
 - **Switchovers to BCF**
 - **Failovers to DR**





- **The Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) held its fourth session from 6 to 10 March 2017**
- **Chaired by Mr. R. Lakeman (The Netherlands)**
- **EMSA submitted a document about the status and operation of the LRIT IDE during 2016**

NCSR4. Second Modification of the LRIT System



- **Modification testing was supposed to be completed by December 2016**
- **Outcomes:**
 - **Implementation in the production environment of the LRIT system on or no later than 18 April 2017**
 - **Secretariat to revoke the certificates of those DCs which had not satisfactorily completed modification testing**

NCSR4. Periodic Rate Change

Functionality of the LRIT System



- Brazil's initial proposal in document NCSR 3/7/2
- Complementary information in document NCSR 4/4/2
- Two options:
 - A: implemented with the current architecture
 - B: require changes in the XML schema
- Outcomes:
 - Authorized interested DCs to implement and test the changes presented in Option A
 - Requested interested DCs to inform about their intentions to implement the changes described in Option A

NCSR4. “Archived SURPIC request message” for Coastal States



- Viet Nam’s proposal in document NCSR 4/4/4
- “Archived SURPIC request” in order to receive also position reports from ships within a specific time period
- Outcomes:
 - Consider technical and financial feasibility of the proposal
 - Interested Member States to submit proposals to a future session

NCSR4. Use of electronic LRIT Conformance Test Reports (CTRs)



- China's proposal in document NCSR 4/4/5
- Improving management, especially revoking of LRIT Conformance Test Reports (CTRs)
- Outcomes:
 - Encouraged SOLAS Contracting Governments to consider issuing electronic CTRs, on a voluntary basis, and share their experiences related to the use and revoking process of electronic CTRs



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