

# **EU LRIT CDC evolution and maintenance**

**6<sup>th</sup> LRIT NCA meeting**  
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## Summary



- Audit n° 3 result
- UWI Release status & new features
- Future changes/additional user requirements
- Use of the LRIT CDC
  - Single Sign On (SSO)
  - Use of LRIT Data: common approach
  - Improving the use of LRIT data
  - Ship reporting & actions to improve reporting
- Q&A

## Audit n° 3 : result



- Period covered by the audit:
  - 4 June 2011 to 3 June 2012
- Audited Activity period:
  - 15 Feb. 2012 00:00:00 – 15 Mars 2012 23:59:59
- General:
  - Nb of LRIT information audited: 871,221
  - Nb of ships : 7,794
- Result:
  - Final Draft Audit Report delivered on 26 Sept. 2012
  - EU LRIT CDC is in compliance with LRIT system requirements

# UWI Release Status

- EU CDC upgraded to version 1.1.7.00 on 23 July 2012,
  - 15 evolutions and 15 corrections of anomalies
  - Major evolutions:
    - Automatic Alerting System (AAS Part 1),
    - Colour Coded Positions,
    - SAR Surpic improvements
    - the Automatic Data Purge.
- Next release: v 2.0
  - Testing phase from 3/10 to 15/11
  - In Production end of Nov.
  - 21 evolutions & 10 corrections of anomalies



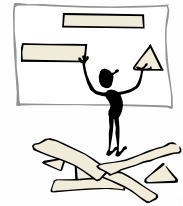
# Major Changes V 2.0

**Ship information:** customisation of ship information displayed on the Map  
- Insert comment, coding colour,

**Ship reporting:** insert the causes of failure

**Training site:** customisation (MS feedback)

**Geographic area filter:** saving (MS feedback)



**Display ship positions:** display all positions available for one ship without time limitation

**Naval Forces Polling :** Adapt EU CDC to the Res. MSC 331 Polling functionality

**Archive data export:** simplification to export archived data

**Various system improvements:** map, SAR SURPIC zero position, manage requests, manage users, time criteria for statistics, time display, etc...

**AAS Part 2**

When ship status is “Not reporting”, AAS provides for an automatic alert message sent to :

- Contact person registered in the Ship database if AAS function activated (Yes)
- NCA Contact person registered in the EU CDC if AAS function activated (Yes)
- Alert message could be sent to only one or both contact person

AAS service available in EU CDC version 2.0 (Mid Nov. 2012)

## Use of the LRIT CDC - Single Sign On (SSO)

Objectives: a user can :

- access several applications with the same login and password (a session is opened)
- swap from one application to another without the need to enter again his credentials (inside the session)

For the EU LRIT DC: SSO implemented in March 2012



## Unlock / Reset users accounts

- User is locked for 3 hours after 5 failed attempts to login; then can login again;
- User can change its password with the option "Lost password", after providing the answers to the challenges phrases;
- If above solutions failed:
  - MSS can unlock the user's account, and/or reset his password and challenge phrases
  - NCA can unlock the user's account, and/or reset his password and challenge phrases



## Your choice

Technical Note 18 asked to decide whether you (NCA) prefer to unlock/reset users' account, or if you prefer to have MSS doing it.

Consultation Result is:

**NCAs do the unlock/reset:**

Finland, Greece, Italy

**MSS do the unlock/reset:**

Croatia, Poland, and those which did not reply (apart from Ireland and Denmark)

## Procedures:

### **NCAs do the unlock/reset:**

- User is locked/password forgotten
- User informs NCA
- NCA unlocks/resets
- NCA informs/provides new password to User

### **MSS do the unlock/reset:**

- User is locked/password forgotten
- User informs MSS
- MSS unlocks/resets
- MSS informs/provides new password to User

Need for additional information ?

## Sharing of EU Flag data

- Proposal 1 – EMSA manages the requests for sharing Flag data between EU CDC MSs based on Standing Orders issued by each MS detailing the conditions, situations and/or the PSs for which they agree to share their Flag LRIT data.
- Proposal 2 – Developing an automatic functionality into the EU CDC allowing the NCA to allow (or cancel) the sharing of Flag information with all or a selected list of EU CDC users

## Use of the LRIT CDC - Ship reporting

- Situation could be improved if CGs check regularly their fleet and use procedures in Technical Note 8 (for more details, see also paper related to item 7)
- /!\ NEED OF CORRECT DATA IN SHIP DB (responsibility of CGs), otherwise no actions can be taken

Flag	Nb ships integrated	% reporting 10/2010	% reporting 04/2011	% reporting 01/2012	% reporting 10/2012	Flag
ANT	72	85	83.8	72.2	75.0	ANT
BEL	114	88.1	79.7	83.1	96.5	BEL
BGR	21	67.6	77.8	65.2	71.4	BGR
CYP	802	74.9	72.9	80.3	79.6	CYP
DEU	322	94	94.6	98.9	98.4	DEU
DNK	426	90.4	92.7	95.1	97.4	DNK
ESP	213	91.5	78.9	82.5	92.5	ESP
EST	12	93.3	100	92.9	100.0	EST
FIN	116	70.2	86.1	94.6	98.3	FIN
FLK	3	N/A	100	100	100.0	FLK
FRA	206	82.7	75	79.9	78.6	FRA
GBR	672	84.6	77.9	80.2	79.0	GBR
GIB	284	N/A	79.6	78.8	81.7	GIB
GRC	731	97	92.5	87.3	97.0	GRC
HRV	51	N/A	90.9	90.7	100.0	HRV
IRL	34	88	72	73.1	85.3	IRL
ISL	2	100	100	100	100.0	ISL
ITA	689	93.4	94.4	94.3	98.7	ITA
LTU	38	90.7	88.4	95.1	92.1	LTU
LUX	156	75.4	74.8	88.8	89.1	LUX
LVA	12	92.3	100	100	83.3	LVA
MLT	1706	79	74.2	76.6	77.0	MLT
NLD	861	85.8	75.7	76.5	79.2	NLD
NOR	726	81.9	78.3	78.6	77.5	NOR
POL	25	90	96.2	87	100.0	POL
PRT	106	81.2	81.2	78.7	80.2	PRT
ROU	2	100	100	100	100.0	ROU
SVN	2	0	0	0	100.0	SVN
SWE	119	81.5	77.7	83.7	81.5	SWE
VGB	7	N/A	83.3	83.3	71.4	VGB
Total	8530	82.3	81	82.4	84.8	Total

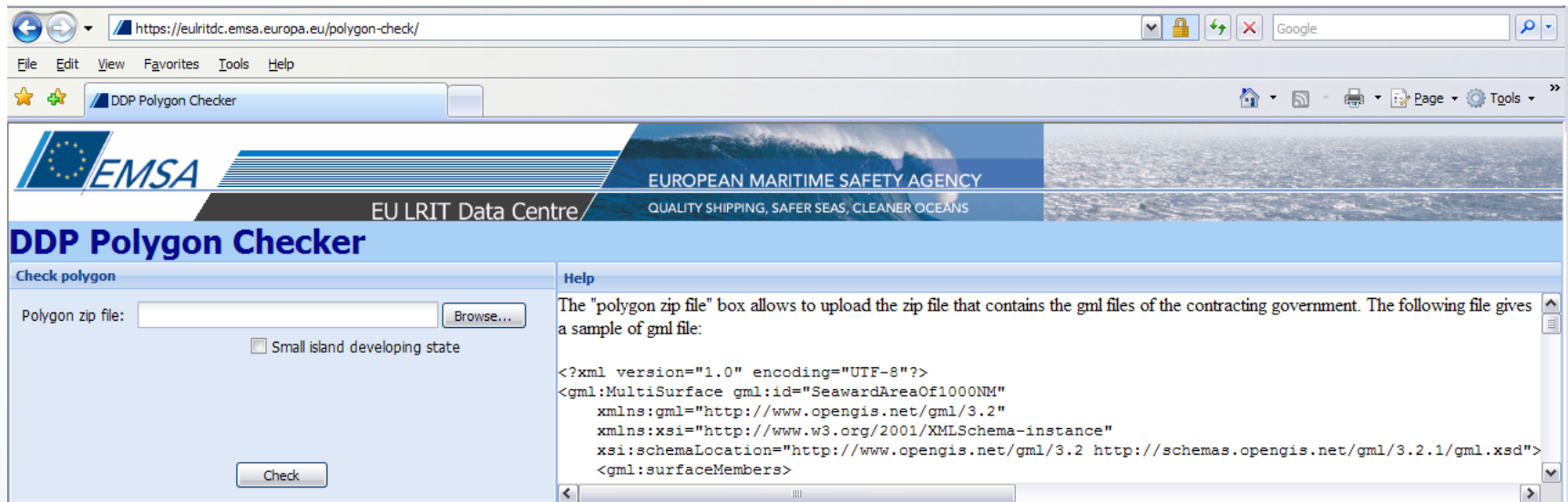
## Would you like EMSA to manage your ships to improve reporting rate ?

- Need of a delegation from CGs to EMSA:  
-> EMSA, if needed, will take the actions (Continue integration, DNID upload, Restart) to improve the reporting
- **Reporting rate expected to rise to 90%**
- No extra fee for CGs
- Global ad-hoc report send to CGs, especially in case no action can be taken (need for the CG to update the ship DB, to contact the shipowner...)





# 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's address bar shows the URL "https://eulritdc.emsa.europa.eu/polygon-check/". The page has a header with 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:" label, a text input field, a "Browse..." button, and a checkbox labeled "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 of a gml file. The sample gml file is an XML document with the following content:

```
<?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 ??