

EU LRIT Data Centre Update

**5th LRIT Expert Group meeting
27 April 2009**

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Satellite Based Monitoring Services



EU LRIT Data Centre initial planning

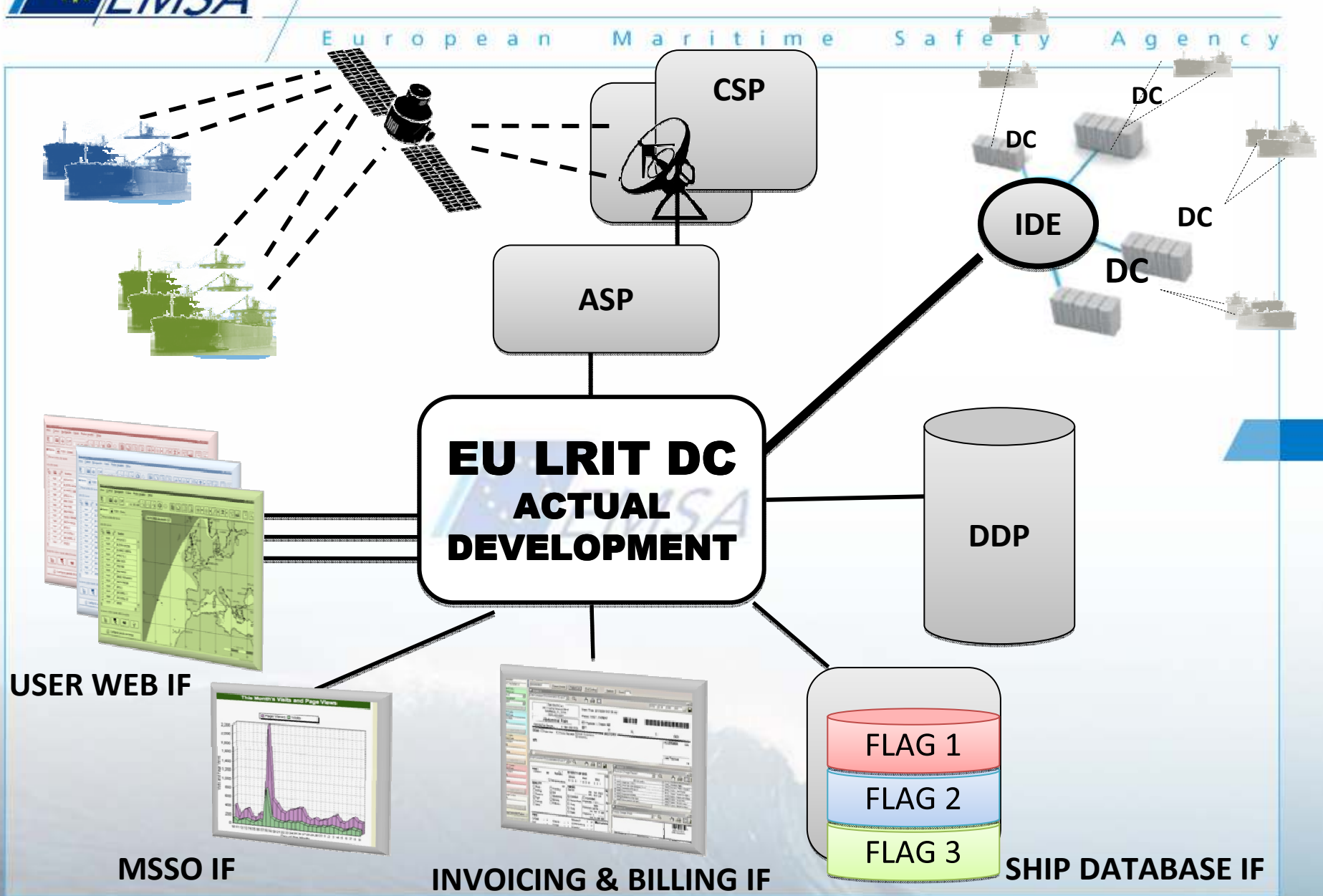


- Dec.07 EMSA LRIT Task Force
- Jan.08 Implementation Plan
- Apr.08 Tender specifications
- Jun.08 launch tenders
- Sept.08 evaluation of offers
- Nov-Dec.08 signing contracts
- Jan.09 setting-up EU LRIT system
- Apr-May.09 testing EU LRIT system
- June 09 EU LRIT DC operational

Actual development of the EU LRIT DC/ASP

- 6/11/2008 – contracts signed;
- 12-14/11/08 - Kick-off meetings
- 16-17/12/08 - Technical follow-up meeting
- 27/02/2009 – validation of technical specs
- 16-20/03/09 – EU DC/ASP FAT
- 14-16/04/09 – I&B FAT
- 08-30/04/09 – IMO developmental testing
- 04-20/05/09 – IMO production testing
- 25/05/2009 – EU LRIT DC on-line in production environment





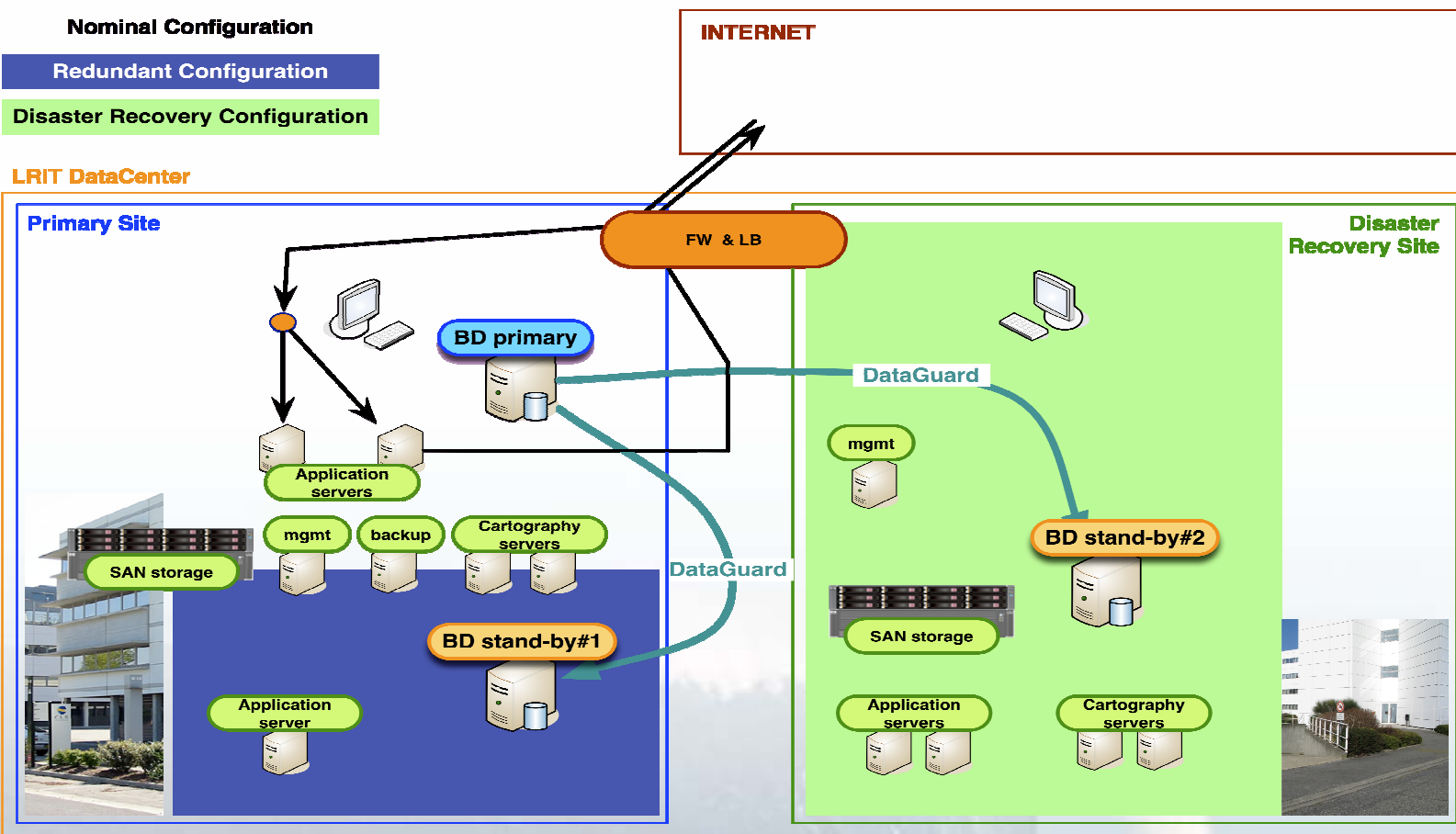
EU LRIT DC Architecture - Set-up completed

Nominal Configuration

Redundant Configuration

Disaster Recovery Configuration

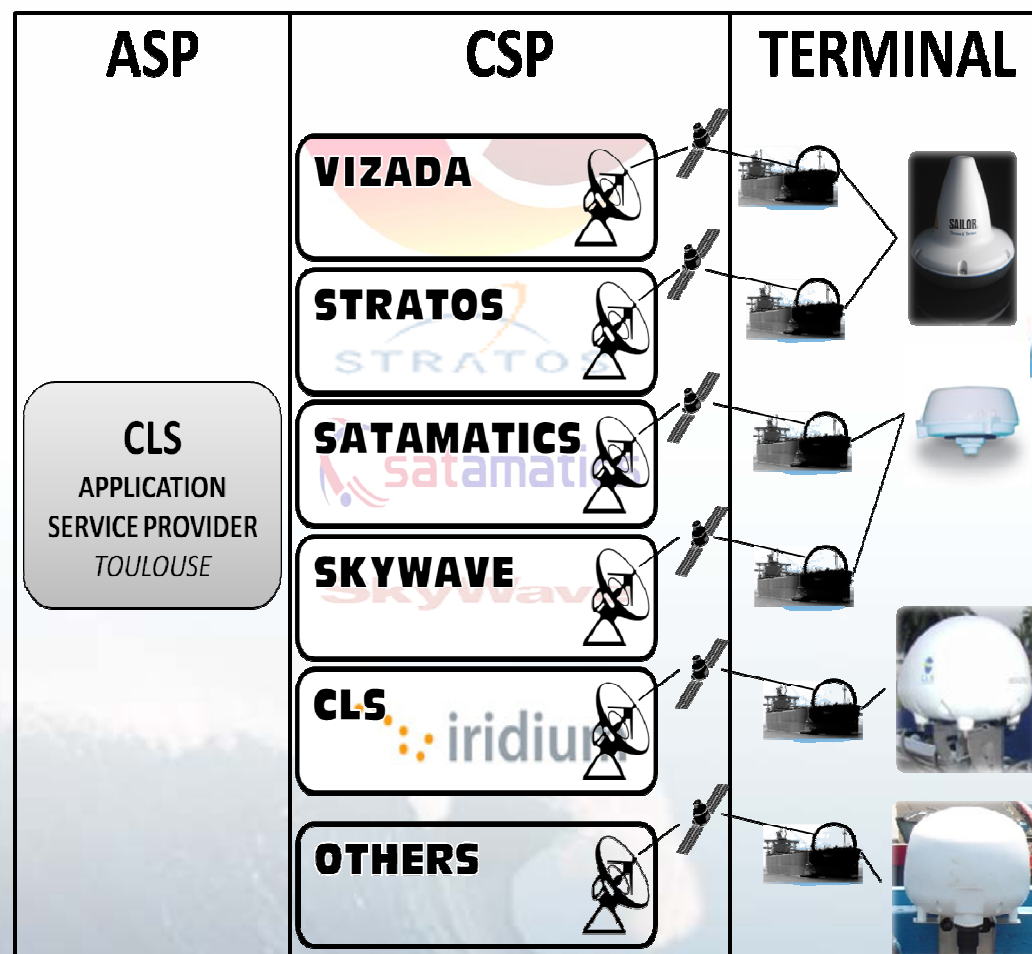
LRIT DataCenter



ASP / CSP / TERMINAL

ASP IF

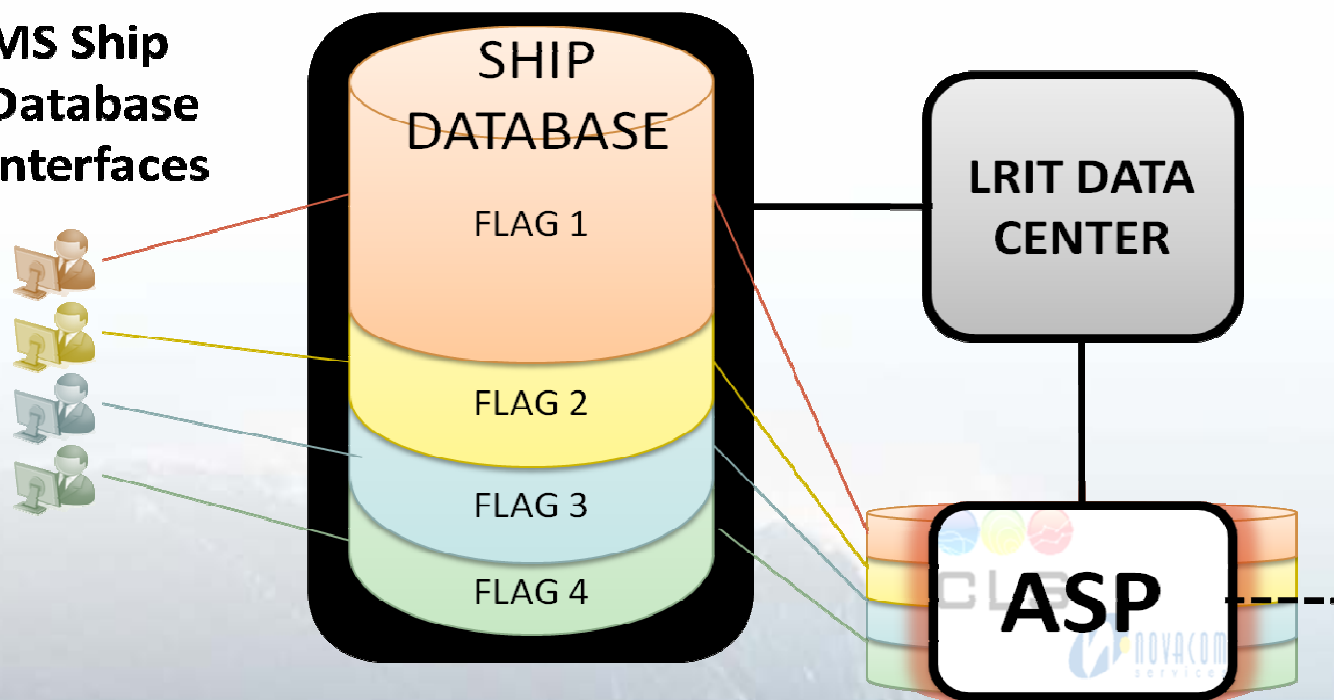
- is operational and ships registered in the EU LRIT Ship DB are integrated into EU ASP.



EU LRIT Ship Data Base (DB)

The EU LRIT Ship DB is operational since December 2008. MS are uploading ships which have undergone the LRIT Conformance Testing.

**MS Ship
Database
Interfaces**



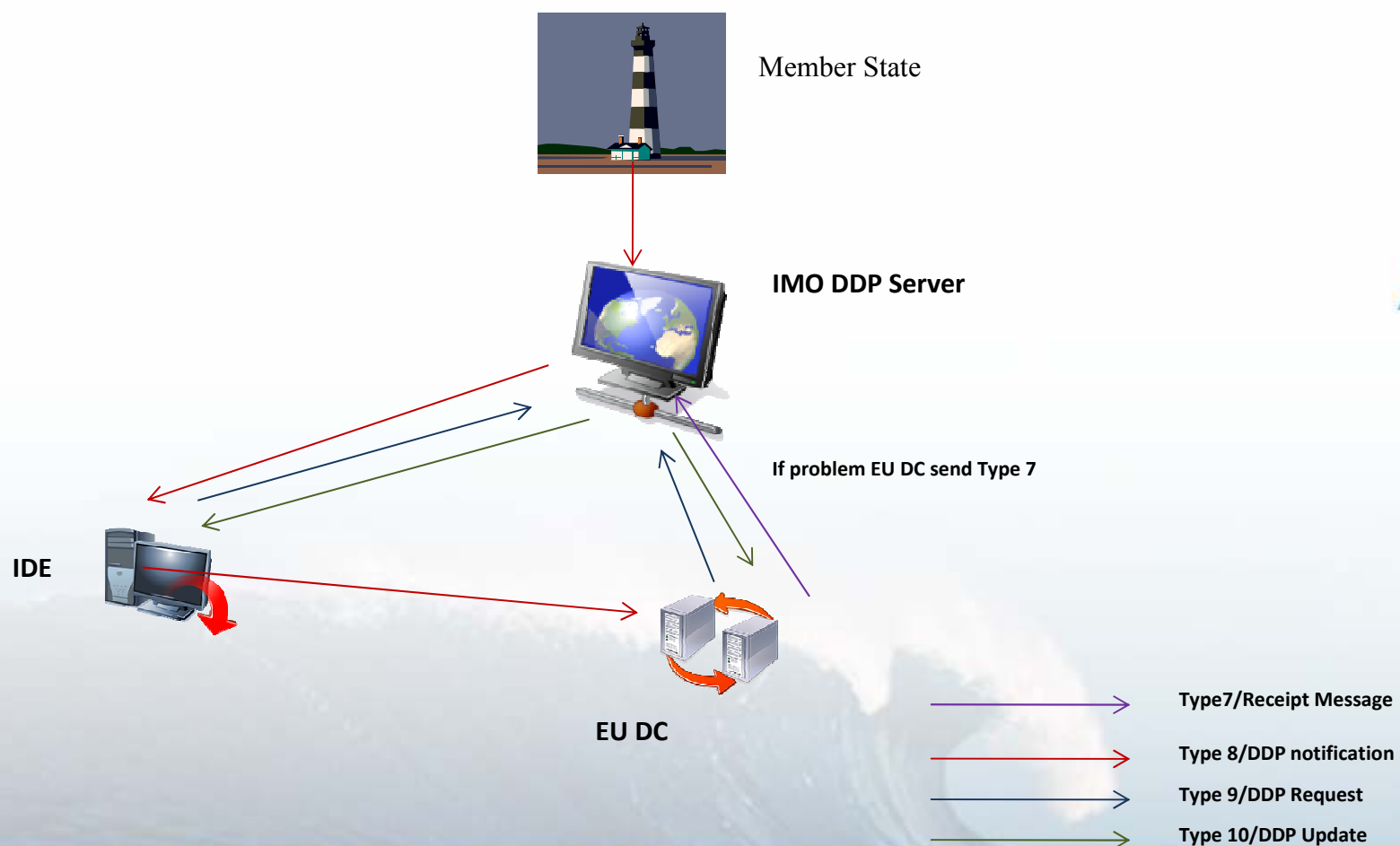
Ship integration feedback

- non- mandatory data missing in 33% of cases (Radio ID mainly)
- 6.9 % (146) of cases the ship integration process failed (wrong ID or equipment not available)
- Mandatory and non-mandatory data collected by the ASP can be added in the MS GMDSS database
- When ship is removed from the EU LRIT Ship DB, the ASP needs to know so that DNID can be deleted from equipment
- Shipborne equipment change on a ship is not identified
- Consequences when "type approved" Shipborne equipment as it is impossible to retrieve the Radio ID

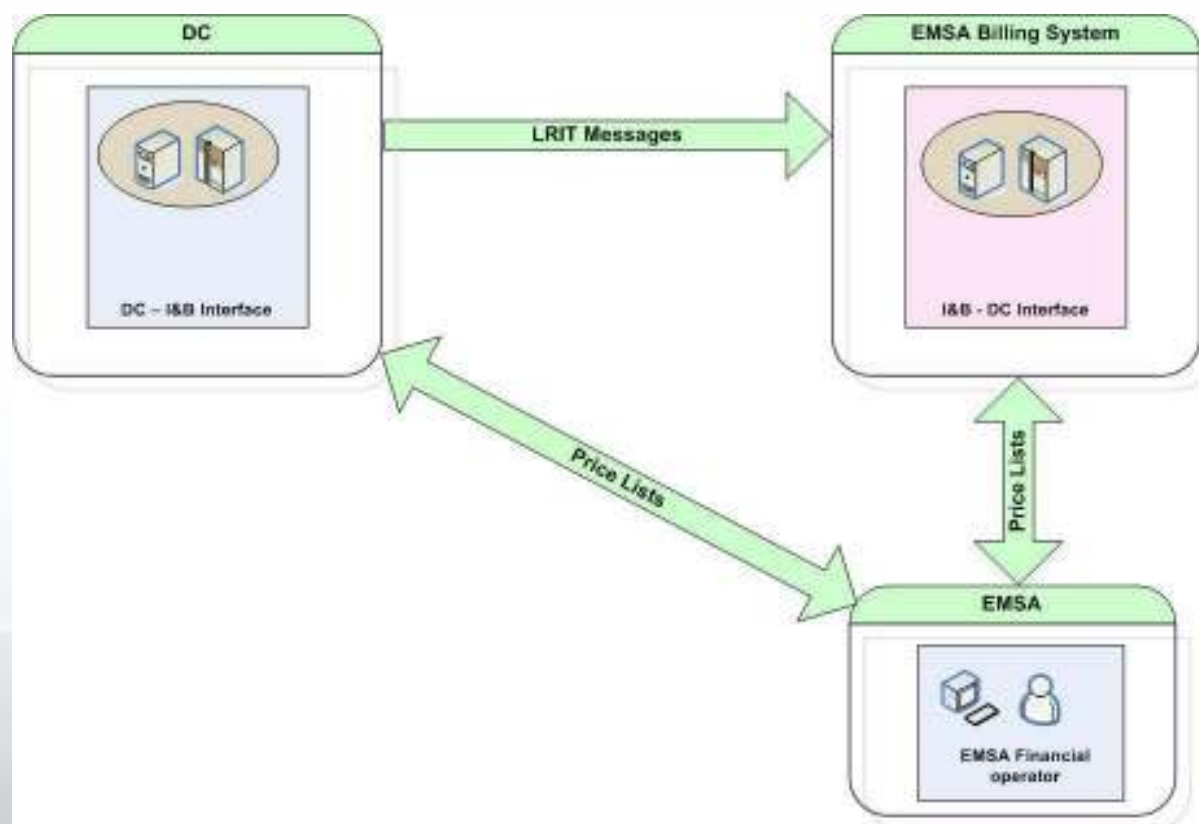
Ship integration - actions

- MS should try to complete as much as possible the non-mandatory data
- Suggested that MS can update the LRIT Ship DB and GMDSS DB with reliable data provided by the ASP in an electronic file
- Re-integration button in the EU LRIT DC- to request an additional attempt to integrate the shipborne equipment
- MS should complete the transfer of flag information especially when change to non-MS as no means for ASP to remove DNID otherwise
- Propose that the Radio ID field should become mandatory








DDP and IDE interfaces are operational



Invoicing and Billing IF is under testing



User Web IF is under testing

 Filter
  Request
  Search
  Settings
  Manage users
  Map
  Statistics

Search by time and date






☐ Last:





















☒ From:


 To:

 Max positions per ship: 4

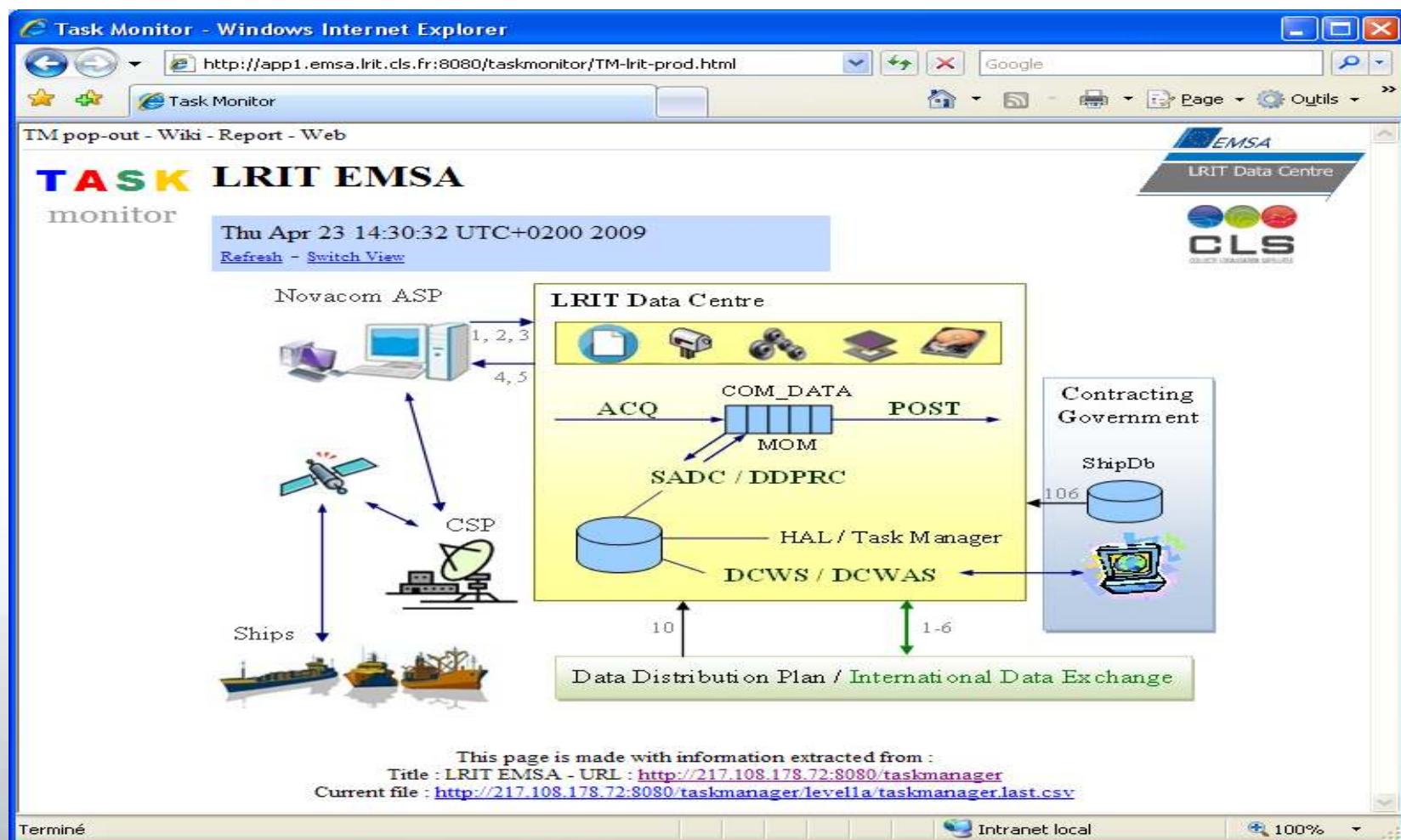
List of ships

 Refresh
 


 Select particular ships
  Show on map

<input type="checkbox"/>	Ship	Flag	Nb	Date of last position					
<input checked="" type="checkbox"/>	1050001		6	10/04/2009 17:13:57					
<input checked="" type="checkbox"/>	1050002		6	10/04/2009 17:13:57					
<input type="checkbox"/>	1050003		6	10/04/2009 21:03:52					
<input type="checkbox"/>	1054001		6	10/04/2009 17:13:57					
<input checked="" type="checkbox"/>	1071001		6	10/04/2009 15:25:58					
<input checked="" type="checkbox"/>	1089001		6	10/04/2009 17:13:56					



EMSA Monitoring IF is under development



Next steps

- Finalizing CoU signing process with all MS and OCT
- Finalizing and signing the Service Level Agreement with IMSO (audit)
- Implementing the operational procedures between CLS - EMSA MSSO – MS Operational contact
- Implementing the procedures for invoicing and billing
- Integration of EU DC in the international/production LRIT environment
- MS to check with IMO that the original letters were received at IMO otherwise integration into production environment might be denied by IMO
- Going on-line by end of May – beginning of June 2009 (during MSC 86)

