

Outcomes arising from MSC 84

**2nd meeting EU LRIT Expert Group
22-23 May 2008**

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Introduction

- Between MSC 83 – 84 ,
LRIT *Ad hoc* group met in January, March and April 2008.
Main Outcomes:
 - Revised Technical specifications (MSC Circular)
 - Proposals for Timely establishment of the system: testing, continuity of service, amendment of Performance Standards, ship borne equipment approval,
 - Xml schema
- Between MSC 84 -85
LRIT *Ad hoc* group will be renewed (Draft Agenda: June ; Aug. ; Oct.2008) with mission to provide:
 - Amendment to Technical specifications
 - Testing protocols

System Components

- International Data Centre (IDC)
 - not implemented at this time
- International Data Exchange (IDE)
 - Provided by USA on interim basis (2010) –
 - Interim IDE operational end 2008
 - IDE backup offered by Russia – no planning
- Data Distribution Plan
 - IMO develop the DDP
 - Available 01/08/2008

LRIT Co-ordinator

Revised Performance Standards

- Assist in establishment of IDC/IDE
- Testing /Integration of new DCs
- Review/Audit Performance
- Recommend appropriate action to Committee
- Be paid for services provided

Barring access to Data Centres

- No barring mechanism
- Business agreement between DCs



System specification

- **Costal Request**

- Based on polygons recorded in DDP (no internal check)
 - geographical areas in a standard industry format; or
 - Uploading the batch files with the geographical areas in Geography Mark-up Language (GML) format

- **Port request**

- Based on NOA for Port request
- NOA Verification Mechanism ; Need to notify SSN with NOA Procedure:
 - NCA should notify SSN with NOA for their flag ship,
 - SSN need to be adapted for processing foreign Port notification

System specification (cont.)

- **Flag**

- Flag reports can be shared within the Regional/Co-operative Data Centre (R/CDC).
- Initial reporting : LRIT Report every 6h00
- 1 report/day when ship in repair, in port, etc...or can stop transmitting if laid up.

- **SAR**

- SAR SURPIC
- SAR Position request

Financial model

- DC pay for initial Flag position report
- User pay when request and receive position report
- SAR requests/reports
 - SARSURPIC: DC provider pay the position report
 - SAR Request: Requestor pay the position report
- Overhead cost: in the range of 0.25 to 0.70 USD
- Financial Viability: not a EU objective for the EU DC
- Financial responsibility of EU DC vis a vis other DCs/IMSO

Ship borne Type approval (cont.)

- IMO Guidelines
 - Draft Circular providing Guidance on the survey and certification (RE: MSC 84/WP.5/Add-2. annex 3)
- ASP vs ASP
 - **Conformance test**
 - The conformance test should be conducted either by a **recognized** ASP or by an **authorized** testing ASP.
 - **Conformance test report**
 - Issued by the ASP (see model)
- Conformance test cost is out of the EMSA financial responsibility

Type approval

- Estimated duration of conformance testing

CTN	Tolerances	Maximum Duration
EL1	3 attempts separated by a minimum of 15 min	45 min
9a	3 attempts separated by a minimum of 15 min Acceptable results: a minimum of 40 out 48	45 min 720 min (12 h)
9b	3 attempts separated by a minimum of 15 min Acceptable results: a minimum of 10 out of 12	45 min 720 min (12 h)
10	3 attempts separated by a minimum of 15 min	45 min
7	3 attempts separated by a minimum of 15 min	45 min + wait 90 min
EL2	3 attempts separated by a minimum of 15 min	45 min
Total		30 h

Type approval (cont.)

- Conformance test report
- issued by
- on behalf of the Government of
- Name of ship:
- Port of registry:
- Distinctive number or letters:
- IMO Number:
- Maritime Mobile Service Identity:
- Gross tonnage:
- Sea areas in which the ship is certified to operate:
- Date of last survey of the radio installation:
- Application Service Provider conducting the test:
- THIS IS TO CERTIFY that a conformance test has been conducted in accordance with the provisions of MSC.1/Circ..... on Guidance on the survey and certification of compliance of ships with the requirement to transmit LRIT information and the shipborne equipment specified below has been:
 - .1 found to perform within the tolerances of the acceptance criteria stated in the aforesaid circular; and
 - .2 set, at the end of the conformance test to transmit LRIT information at hour interval.
- Details of the shipborne equipment used to transmit LRIT information (e.g., maker model, serial number and shipborne equipment identifier):
- The results of the conformance test are recorded in the attached annex.
- The conformance test was satisfactorily completed on
- (date of completion of testing)
- Issued at on
- (place of issue) (date of issue)
-
- (name and signature of authorized person issuing the report)

Q & A

