

## **EU LRIT Data Centre**

# **Distribution of LRIT Information**

**1<sup>st</sup> LRIT Expert Group Meeting**

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# Presentation summary

## 1. LRIT distribution requirements

- IMO requirements
- Open issues

## 2. Member States point of contact

- National Authority
- MRCC

## 3. Messaging within EU



# 1 - LRIT distribution requirements

*Regulation 19-1.8.1.1 - the Administration shall be entitled to receive such information about ships entitled to fly its flag irrespective of where such ships may be located;*

- **Flag State** : Distributing of Flag State report within EU Member States :
  1. **Sharing of EU ships LRIT Information between EU MS**
    - A EU Member State get access right for receiving the LRIT report for ships flying the flags of the EU .
  2. **LRIT Information available only to the Flag state**
    - A EU Member State get access right for receiving the EU LRIT report for ships flying its flag.

MSC83/6/2- 50 The Group agreed to recommend that RDCs and CDCs should be able to internally forward LRIT information transmitted by ships entitled to fly the flag of the Contracting Governments establishing or using the services of such centres without routing these through the IDE. The Group agreed that, during the initial phase of establishment of the LRIT system, it would be advisable to generate journals for such transactions so as to enable the LRIT Co-ordinator and the Committee to have a complete overview of the functioning of the entire LRIT system.

# 1 - LRIT distribution requirements

*19-1.8.1.2 - a Contracting Government shall be entitled to receive such information about ships which have indicated their intention to enter a port facility, as defined in regulation XI-2/1.1.9, or a place under the jurisdiction of that Contracting Government, irrespective of where such ships may be located provided they are not located within the waters landward of the baselines, established in accordance with international law, of another Contracting Government;*

- **Port State** : Based on the Notification of Arrival (NOA)
  - The NOA function is out of the Performance Standards (opened loop) .
    - Do MS want establishing a NOA verification procedure (opened loop) when the EU DC will be requested for providing a EU Flag LRIT Port State report ,  
EU ship bound to a non EU port
    - Do MS want establishing a NOA procedure (opened loop) when a MS as a Port State will request a LRIT report for a non EU ship. (SSN Port Notification tied to the LRIT request).  
Non EU ship bound to a EU port

# 1 - LRIT distribution requirements

## **19-1.8.1.**

***.3 a Contracting Government shall be entitled to receive such information about ships entitled to fly the flag of other Contracting Governments, not intending to enter a port facility or a place under the jurisdiction of that Contracting Government, navigating within a distance not exceeding 1,000 nautical miles of its coast provided such ships are not located within the waters landward of the baselines, established in accordance with international law, of another Contracting Government;***

***.4 a Contracting Government shall not be entitled to receive, pursuant to subparagraph .3, such information about a ship located within the territorial sea of the Contracting Government whose flag the ship is entitled to fly.***

- **Coastal State:**

- Based on standing order (DDP) and LRIT Request message 4

# 1 - LRIT distribution requirements

*19-1 .12 Notwithstanding the provisions of paragraph 8.1, the search and rescue services of Contracting Governments shall be entitled to receive, free of any charges, long-range identification and tracking information in relation to the search and rescue of persons in distress at sea.*

- SAR:
  - A single MRCC per country would be preferable
  - Based on LRIT Request message 5

## 2- Member States point of contact

- **National Authority (NA)**

- A National Authority is something identifying a MS's authority endorsing the responsibility of the Contracting Government or the Administration as stated in Solas Chapter V – Reg. 19.1
- The NA is responsible for managing its own LRIT users.

- **MRCC**

*In accordance with Solas Chapter V – Reg. 19.1; 12, SAR services of CGs shall be entitled to receive LRIT information.*

- For practical reasons, it would be preferable to have a single SAR service per country (e.g. internal auditing, common practice, OPS procedure).

## SUMMARY OF LRIT MESSAGES

| Message Type   | Message Name                                | Message Description   |
|--|---|---|
| <b>LRIT Positional Data (position report) Messages</b> |   |   |
| 1  | Periodic Position Report                    | Regular periodic ship position report.  |
| 2  | Polled Position Report                      | Ship position report as a result of a poll request.   |
| 3  | SAR Position Report                         | Ship position report as a result of a SAR request.  |
| <b>LRIT Request Messages</b>                           |   |   |
| <b>LRIT Ship Position Request Messages</b>             |   |   |
| 4  | Ship Position Request                       | Request for polled ship position report.  |
| 5  | SAR Poll Request                            | SAR request for poll of specific ship's position.   |
| <b>LRIT SAR SURPIC Request Message</b>                 |   |   |
| 6  | SAR SURPIC Request                          | SAR request for poll of ships in specific area.   |
| <b>Other Messages</b>                                  |   |   |
| 7  | Receipt                                     | Receipt message relaying inability to respond to a LRIT request or report message (e.g. Time Stamp).                      |
| 8  | DDP Notification                            | Notification that an updated version of the DDP file is available.  |
| 9  | DDP Request                                 | Request for current copy of the DDP or incremental copy.  |
| 10   | DDP Update                                  | Updated DDP (full or partial).  |
| 11   | System Status                               | Routine 30-minute status message from the IDE to each Data Centre (or vice versa), advising that the system is "healthy." |
| [12  | R/CDC issued Billing and transaction Report | Routine monthly report generated by a R/CDC or the IDC and sent to the IDE.]*   |
| [13  | Pricing Notification                        | Notification that a new pricing list for between DC charges is in place   |
| 14   | Pricing Request                             | Request for updated pricing list  |
| 15   | Pricing Update                              | Updated pricing list full]**  |

**EU Member States are concerned by messages 1, 2, 3, 4, 5, 6 and 7**

## 3 - Messaging within EU

How to exchange messages with the EU DC?

1. **Using a default Web interface access (using Https).**
  - The Web interface will be adapted to the IMO communication format
  - Each National Authority (NA) will receive a UserId and Password from the DC Monitoring Centre.
  - Each NA will be allowed to create under its own responsibility the UserId and Password to its national end users.
  
- **Using an Xml interface (using TLS protocol)                      Optional**
  - Member States shall develop their own Xml interface
  - Member States shall ensure the testing and commissioning of their Xml interface with the EU Data centre

- **Thanks for your attention**
- **Question ??**