



Final Meeting Report

9th LRIT NCA Meeting

Lisbon, 6 May, 2014

Meeting Organization

The meeting was attended by delegations from: Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, the Netherlands, United Kingdom and the European Commission

The list of participants is attached as **Annex 1** and the Final Agenda as **Annex 2**.

Annex 3 is the summary of action items arising out of this meeting.

Note: All presentations for this meeting can be found on the EMSA LRIT Extranet and then logging into the site with your personal usernames and passwords to access the downloadable documents under "Other sections/EU LRIT Data Centre" then in LRIT Menu select "Documents" and "9th LRIT NCA Meeting". The area is accessible with the following link:

<https://extranet.emsa.europa.eu/>

If you are unable to access the website or documents, please send an email to: MaritimeSupportServices@emsa.europa.eu

Meeting Objectives

The main objectives of the meeting were to:

- Report/Update Member States (MS) on the performance and operations of the EU LRIT Cooperative Data Centre and use since the last meeting,
- Inform the MS on the status of papers to be submitted to the IMO NCSR 1 meeting,
- Present the evolution of the EU LRIT CDC and Ship DB in the last few months including possible new developments,
- Present status of ship reporting/integration and actions to improve them,
- Have a session to give opportunity for Participating Countries of the EU CDC to present case studies on using the service: Italy presentation on operational use cases involving the LRIT system,
- Show how the LRIT system can be used for Coastal Standing order requests and therefore support MS in their operational duty,
- Give an update on the IDE operations at EMSA,
- Report on the implementation of the new LRIT Consumption Tool (LCT) system which entered into force in January 2014,
- Give an update on the development of the Integrated Maritime Data Environment (IMDate) project.

Meeting Programme

Agenda item 1 – Welcome and Opening of meeting

Marin Chintoan-Uta, Head of Unit C.3-Satellite Based Monitoring Services, welcomed the participants. He stated the objectives of this meeting and the associated agenda. He reviewed the EMSA actions from the last meeting and reminded the MS to return the signed new Condition of Use. Finally he welcomes the representatives of Montenegro that will attend the LRIT NCAs meeting as observers in preparation of the integration of Montenegro within the EU LRIT CDC.

Agenda item 2 – Performance, Use and Promotion of the EU LRIT CDC

EMSA presented an overview of the EU CDC performance including figures for the last two quarters. Graphs were shown to illustrate how the CDC still has very high figures in terms of the quality of service and availability and the fact that it is meeting the IMO performance requirements which are:

- 15 min (periodic position report) and 30 min (polls) latency response times
- 95% availability over any 24-hour period (IMO 24h)
- 99% availability over any 1 month (IMO 30days)

In general, the requirements were met however explanations were given on the few relevant incidents which had occurred from March which impacted the QoS and availability of the Data Centre.

Some figures were given on the usage of the system and all of these figures are contained in the quarterly reports which are downloadable on the User Web Interface (UWI) of the EU LRIT Data Centre. There is a continued need for LRIT NCA's to manage their users and remove/delete all unused accounts especially for staff which have left the administrations to ensure the security of the system.

It was indicated that a training course was organised in Italy during the first quarter and a Regional session is planned for the end of the year, probably in November. Member State may require the support of EMSA to provide in their national premises for LRIT training in combination with SSN and IMDatE. For this, a written request must be sent to Maritime Support Services.

Agenda item 2.1 - External requests for LRIT data

EMSA presented a summary of external requests for LRIT Data. It was indicated that a procedure is now documented and will be available from the EMSA Web site very shortly.

Agenda item 3 – Status of the EU LRIT CDC

A presentation was given on the following issues:

- Xml interface status
- Monitoring of polls made by security forces NATO/EU NAVFOR
- Registration of ships in the LRIT ship database
- Status of ship integration and reporting & actions to improve reporting/feedback from AAS
- Communication with LRIT users

For the XML interface which connects national systems to the EU LRIT CDC, there are currently 7 countries using this service. This allows them to exchange data between

machines. It was recalled that the technical specifications for implementing a Web service is available on the EMSA extranet. <https://extranet.emsa.europa.eu/>

It was indicated that in terms of the polling functionality used by the security forces in the area of the Horn of Africa that there were no polls made so far. EMSA is monitoring this activity.

The number of ships registered in the LRIT Ship database continued growing to 8,761 in April. The distribution per communication network remains stable. The number of ships not integrated decreased around 6%.

The overall reporting rate has increased by 6% in the last 3 years. This is the positive effect of the 9 CGs that have delegated to EMSA the monitoring of their fleet and of the permanent efforts of CGs, ASP and LRIT Team. The main issue is still related to the Standard C terminals. It was also mentioned that MS can delegate the monitoring of their fleet to EMSA where various actions will be taken to monitor the reporting. For those MS that wish to do this, an email can be sent to EMSA (MaritimeSupportServices@emsa.europa.eu) to confirm this.

Greece noted that the percentage reported in the table "Reporting per CG" presented by EMSA is not reflecting the exact picture of the ship reporting status for Greece. EMSA explained that these data are a snapshot at a given day and it can be slightly different of an average calculation over a period of time. The Chair noted the remark of Greece and informed that more accurate data will be provided at the next meetings.

An ASP notice was provided through the technical note 19 relative to the phasing out of Inmarsat D+, issue on some Sailor terminals, troubleshooting SatPro terminals and update of the Technical note 8.

Finally the presentation reported on the unique point of contact MaritimeSupportServices@emsa.europa.eu to be used by the MS when communicating with EMSA that will allow for a better traceability.

Agenda item 4. – IMSO meeting outcome

A presentation was given on the results arising from the IMSO 34th Advisory Committee (AC) that took place on 8-10 April 2014. The Committee discussed on two potential new versions of the formula to calculate the financial contribution of LRIT Data centre for the IMSO audit. First formula, proposed by Vanuatu, consists of an equal distribution of IMSO LRIT budget between all SOLAS Flag States. Each DC shall pay its fee in accordance with the number of Flag States using the DC. The second formula, proposed by the Director General of IMSO Secretariat, is based on the number of ships and flags using its services.

Whilst second formula will not change much the amount to be paid by EU LRIT CDC (an increase of about 5.000 EURO), the first formula will substantially increase the amount (by over 70.000 EURO) due to the large number of Flag States using the EU CDC.

No conclusion was possible on the way forward and further discussion will continue during the next IMSO AC meeting in September. It was suggested that a coordinated approach of EU MSs is needed for the next 35th AC meeting in September. Necessary arrangements will be taken at EU level in this respect.

Another topic presented was an update on the recruitment of the next IMSO Director General which is on-going; several potential European candidatures are possible.

Agenda item 4.1 – 2nd LRIT Operators meeting's outcome

EMSA reported on the outcome of the 2nd meeting of LRIT operators that took place from 3 to 5 March 2014 in IMO HQ. The objective of the meeting, organised at the initiative of IMSO, was to discuss on issues of common interest, exchange information and experience and seek answers to various operational matters. The following papers were introduced by EMSA, as agreed by the 8th NCAs meeting;

- Status of Financial arrangements with other DCs.
- Technical issues encountered during operations.
- Report on Performances shipborne equipment.
- IDE status.
- Expansion of existing LRIT functionalities (polygons upload).

The final report of the 2nd meeting of LRIT operators is available on <https://extranet.emsa.europa.eu/>

Agenda item 5 – Use of the system

It was reported that two changes are currently in course of evaluation:

- the establishment of a web service between a LRIT Data centre and the DDP server for uploading polygons. This new functionality was presented at the 8th NCAs meeting and will be discussed at the NCSR1.
- the access to the EU LRIT CDC for ship reporting on voluntary basis. This was introduced by MS at the 8th NCAs meeting and a technical, legal and financial study will be presented at the 10th NCAs meeting.

Agenda item 6 - Maintenance/Evolution of the EU LRIT CDC and Ship Database

A presentation was given on the following issues:

- Incident Management
- Audit of the EU LRIT CDC
- UWI releases and main new features
- Future changes/on-going developments
- New developments
- Maintenance Contracts

EMSA showed that number of incidents since 2012 is decreasing continually; the EU CDC application is stable and compliant with technical specifications for the LRIT.

It was indicated that Audit n°5 is ongoing; result will be presented at the 10th NCAs meeting.

Release 2.2.0 of the EU CDC entered in production in February 2014 and this included 10 evolutions and 27 corrections of anomalies. Another release is planned for the end of 2014 or beginning of 2015. Current developments include the integration of the EU DC into the EMSA infrastructure which should be completed by July 2014. A new version 1.5 of the Ship data base is going to be available in May 2014. This new version will provide for the SSO integration and correct minor anomalies.

Future possible new development mentioned included the following:

- Speed and heading (coming from Inmarsat only) could be displayed on the UWI
- Custom Coastal polygons can be uploaded on the EU DC UWI (subject to IMO paper submission, not to be implemented before 2015)
- Voluntary ship reporting to the EU CDC for ships with or without IMO number (i.e. reporting of non-LRIT ships as Greek paper indicates later in this report)
- Use of LRIT network for distribution of other maritime information.

Information on maintenance contracts in place was presented.

Agenda item 6.1 – IMDatE Enhanced SURPIC

A presentation was given on the Surpic functionality available through the IMDatE web interface. The interface will provide for a larger amount and recent positions issued by LRIT, T-AIS, Sat-AIS, VMS. Some Member States (Ireland, France, and Sweden) requested a clarification on the features and access rights rules applied by the Surpic functionality. Access will be granted only to users having the SAR Role in the EU LRIT CDC. Users will be authenticated with their current login and password (Single Sign On). The SAR Surpic geographical area will have the same limitations of the existing SAR Surpic request. SAR poll of a specific ship will be possible and a system-to-system link will also be implemented after an initial validation phase based on the web interface.

Agenda item 7 –Case Studies on the Use of EU CDC

Two presentations were given by Italy and EMSA on cases involving the LRIT system.

Italy reported on the use of combined AIS-LRIT that provided more identification of ships to assist in a SAR event connected with migration flow. Italy also reported on implementation of EU LRIT CDC Xml interface in their national system Pelagus and Pre-clearing testing procedure. The presentation of Pre-clearing procedure was followed attentively by participants and the Commission, noting with interest the advance Customs administrative formality performed on ship tracked by AIS and LRIT from their last port of call.

Italy reported on findings regarding ships not LRIT compliant and appropriate actions taken.

EMSA presented the use and implementation of several Coastal Standing Orders, pre-loaded in the DDP server, thus allowing the activation in 1 hour instead of 24 hours. This can be useful for example if quick localisation of ships in a given area is needed, following an emergency.

Agenda item 8 – IDE Operations and Maintenance

A presentation was given on the IDE service status. The operations have been run successfully since the last LRIT NCA meeting in Nov. The availability remains high at 99.94%, one incident took place in the last 6 months. Regular exercises are conducted on the IDE to ensure continual improvement of the service. The annual audit is on-going, results will be provided at the 10th NCAs meeting. A new Software release was delivered to improve the Web interface.

Agenda item 9 –Financial Agreements and the Invoicing and Billing System

A report was given on the financial agreements with other DCs. Agreements have been concluded with 59 DC's which are in production. These agreements include 3 umbrella agreements with Pole Star, Fulcrum and CLS covering 48 DC's and then 11 individual agreements.

The agreements contain prices which are specially agreed prices between DCs. Where no agreement has been signed with a DC, the financial cost model agreed in IMO (25 US\$ cents: 1/2/6) is applied.

As reported at the 8th NCAs meeting, the new LRIT Consumption Tool is operational since 1st April 2014. The first Billing cycle 1Q14 was concluded successfully.

The transmission of invoices by email instead of postal mail was discussed and it was agreed that EMSA will send out a communication to MS on this issue.

Agenda item 10 - Update on the Integrated Maritime Data Environment

EMSA explained the status of the IMDatE project, its development and the fact that already the new IMDatE platform was providing support to EU NAVFOR and MSCHOA for operations off of Somalia and to Frontex for their border control activities. It is also operational for supporting EFCA for the fishing campaigns.

Currently, there are 12 MSs and over 100 users which access the IMDATE platform for integrated services. In reply to a question of Norway asking if Oil spill detection will be available in IMdatE it was indicated that images and ship identification are already available through IMdatE interface.

Further detailed information was also given in the IMDATE meeting which took place on 7 May.

Any Other Business

The next meeting will most probably take place on 29 October 2014 jointly with the SSN and IMDATE meetings. This date will be confirmed closer to the time.

Annexes

Annex 1 - List of participants

Annex 2 - Final Agenda

Annex 3 - Summary of Action Items

Annex 1 – List of participants

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Annex 2 – Final Agenda

9th Meeting of LRIT NCA's

Lisbon 6 May 2014

Conference Centre "LOYOLA DE PALACIO"

Final Agenda

Chair: Marin Chintoan-Uta, Head of Unit, Satellite Based Monitoring Services

Time	Agenda Item	Speaker
08:45 – 09:15	Registration & coffee	--
09:15 – 09:30	1. Welcome and opening of meeting <ul style="list-style-type: none"> Approval of agenda Actions from 8th LRIT NCA meeting 	Marin Chintoan-Uta Head of Unit
09:30 – 10:15	2. Performance, Use and Promotion of EU LRIT CDC <ul style="list-style-type: none"> Performance of system and KPIs Use of the system Promotion: Planned Training courses LRIT information distribution to external systems Discussion 	YTE Senior Project Officer LRIT
10:15 – 11:00	3. Status of EU LRIT CDC <ul style="list-style-type: none"> Status of System Xml interfaces status Monitoring of polls made by security forces NATO/EU NAVFOR Registration of ship in the Ship data base: quality of data Status of ship reporting & actions to improve reporting/feedback from AAS <ol style="list-style-type: none"> Non-conformance of TT terminals 	VGU Project Officer LRIT

Time	Agenda Item	Speaker
	2. Stop service from D+ <ul style="list-style-type: none"> Communication with LRIT users (mail box) 	
11:00 – 11:30	Coffee Break	
11:30 -12:15	4.IMSO meeting outcome <ul style="list-style-type: none"> IMSO AC 4.1 2 nd LRIT operators meeting <ul style="list-style-type: none"> 2nd LRIT Operators 	Marin Chintoan-Uta Head of Unit YTE Project Officer LRIT
12:15 – 12:45	5.Use of the LRIT System <ul style="list-style-type: none"> non-SOLAS ships voluntary reporting 	YTE Project Officer LRIT
12:45 – 14:00	Lunch Break (not offered by EMSA)	
14:00- 15:00	6.Maintenance/Evolution of the EU LRIT CDC & Ship DB and ship reporting <ul style="list-style-type: none"> service operations Audit Releases & new features On-going new developments e SAR Surpic request from Imdate 	SPL Project Officer LRIT Andrea Pelizzari Project Officer
15:00 – 15:45	7.Case Studies on the Use of the LRIT System <ul style="list-style-type: none"> Operational Feedback provided by ITALY How using Coastal Standing order 	IT delegation VGU Project Officer LRIT
15:45 – 16:15	Coffee Break	
16:15 – 16:45	8.IDE Operations and Maintenance <ul style="list-style-type: none"> Performance and Incidents Maintenance and Exercises Audit 	Diego Molero Project Officer LRIT
16:45 – 17:15	9. Status on Financial Agreements and Invoicing and Billing	Paulo Neiva Fernandes Project Officer LRIT

Time	Agenda Item	Speaker
	<ul style="list-style-type: none"> Status on financial agreements with other DCs Update on the new Invoicing and Billing System to start January 2014 	
17:15 – 17:45	10. Update on the Integrated Maritime Data Environment <ul style="list-style-type: none"> Status and planning 	Marin Chintoan-Uta Head of Unit
17:15 – 18:00	11. Any other business <ul style="list-style-type: none"> next meeting 	

Annex 3 – Summary of Action items

I. ACTION ITEMS FOR THE MEMBER STATES

Action Number	Agenda item	Action	Target Date/Deadline
1	2	MS to return the signed new Condition of Use	ASAP
2	2	MS are kindly requested to continue to fill in the operational feedback forms on the DC UWI homepage to show how the EU DC is being used in every day operations.	ongoing
3	2	Requests for training should be sent to EMSA by email (MaritimeSupportServices@emsa.europa.eu) or letter and future training sessions can be planned for interested countries.	ongoing
4	3	LRIT NCA's to manage their users and remove/delete all unused accounts especially for staff which have left the administrations to ensure the security of the system.	ongoing
5	3	MS are kindly requested to continue to use the Revised Technical Note 8 (v1.2) which gives assistance on this issue with regards to using the UWI and following up with shipowners for the terminals and MSS to improve the ship reporting management.	ongoing
6	3	MS to email the LRIT mailbox (MaritimeSupportServices@emsa.europa.eu) if they would like to delegate the task of monitoring their ship reporting to EMSA.	ongoing

II. ACTION ITEMS FOR EMSA

Action Number	Agenda item	Action	Target Date/ Deadline
1	9	EMSA to send out a communication to MS on the transmission of invoices by email in place of postal mail	ASAP
2	6	A technical, legal and financial study will be conducted by EMSA to see whether this could be implemented for certain types of ships or classes and report back at the next LRIT NCA meeting.	By 10 th LRIT NCA Mtg.