



European Maritime Safety Agency

Med AIS Workshop no 4  
Lisbon 4 June 2007

STIRES 4/MED/5  
3 & 4 July 2007

### EMSA / Italy meeting (2-5-2007)

#### Submitted by EMSA

<i>Executive summary</i>	This document aims to present the minutes of the EMSA / Italy meeting (held in Lisbon on 2 May 07).
<i>Action to be taken</i>	As per paragraph 3
<i>Related documents</i>	Report EMSA / Italy meeting (2 May 2007)

## 1. INTRODUCTION

At the 3<sup>rd</sup> meeting of the Med AIS EWG (Lisbon 12/12/06), the group agreed that an EMSA – Italy meeting would be held to discuss the technicalities and to achieve a common understanding on what needs to be done in terms of concrete actions at the different implementation stages of the project.

A meeting was held at the premises of the Italian Coast Guard (ICG) Headquarters in Rome on the 8<sup>th</sup> February 2007. The Italian representatives stated that Italy would like to develop their own application, based on the results of the STIRES study and the functionalities that will be decided by the Med AIS EWG. Italian experts visited Copenhagen on 30/1/07 and had a detailed presentation of the HELCOM and North Sea system. Based on that demonstration they decided to develop their own S/W to meet the needs of the Mediterranean MS.

As a follow up of this meeting, EMSA suggested Italy to meet the day before the LRIT workshop on 2<sup>nd</sup> May to discuss on the Italian proposals for the system implementation.

## 2. REPORT CHANGES

The minutes of the EMS / Italy meeting are attached.

## 3. ACTION REQUIRED

The Member States are invited to note the attached minutes.



European Maritime Safety Agency

**EMSA - Italy  
Technical Meeting**

**Report**

**Mediterranean AIS server  
implementation**

**Lisbon 2 May 2007**

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## Draft Meeting Report: Mediterranean AIS server technical implementation

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### 1. Introduction

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On 2<sup>nd</sup> May 2007, at EMSA in Avenida Dom Joao II, 1998-001 Lisbon, a technical meeting took place involving EMSA and Italy (with their contractors) to examine technical implementation of the Mediterranean AIS server. Mr Lazaros Aichmalotidis as Chairman opened the meeting, welcoming the participants on behalf of EMSA.

The EMSA LRIT workshop (following in Lisbon on the 3 and 4 May 2007) provided the convenient opportunity to hold this meeting.

The objective was to closely examine Italian proposals for the development of a "Med AIS" server; to assess and ensure that it is developed in line with STIRES study results and compatible with the existing HELCOM system. LAI expressed EMSA's view that the Mediterranean MS Expert Working Group (Med MS EWG) should endorse the functional specifications of the Med AIS. This process would be simpler and clearer given sufficient elements to demonstrate that the design and functionalities of AIS Med are similar and compatible to existing regional systems.

### 2. Meeting participants

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A list of participants is attached in attached in Annex I.

### 3. Agenda

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The agenda is attached in Annex II.

### 4. Meeting outcomes

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#### 4.1 Presentation of the AIS Med server requirements

Contractors of the Italian Administration presented the functional characteristics of the AIS Med regional server and the MS proxy server application that they intend to develop in the framework of the Med AIS regional application. A table they had prepared compared the functionalities offered by the HELCOM server with those proposed for the Med AIS server.

From the elements presented, LAI acknowledged that the proposals probably covered the HELCOM functionalities; but it was likely that certain details would have to be taken into consideration that was not apparent at this stage. The Italian contractors were requested to further investigate documentation available on the HELCOM system from the EMSA and HELCOM websites and to look further into the HELCOM proxy application installed on an EMSA PC.

EMSA experts will be available to respond to any further questions that the Italian contractor should address and if necessary, the Agency would arrange a visit by Italian experts to Copenhagen for a technical meeting with the Danish Administration.

#### Action agreed:

The contractors agreed to further scrutinize available information and to inform EMSA (through the Italian Administration) if a further meeting with the Danish Administration is considered necessary.

#### 4.2 Setting up a demonstrator

PPE announced that Italy would first of all prefer to implement a demonstrator to test the operation of system with a number of the Med MS. LAI agreed that the idea would give greater flexibility to change or adjust the system and that this was a step followed by HELCOM during the initial stages of their system implementation.

##### Action agreed:

It was agreed that the Italian Administration would be sent the relevant documentation from the HELCOM system regarding the specifications of the HELCOM demonstrator. JAU would review the project development plan, adding a demonstrator phase. The new plan will be available for information and evaluation by the AIS Med EWG at their next meeting.

#### 4.3 Presentation of the HELCOM AIS application

PCA gave a presentation on the HELCOM proxy application. This was an opportunity for the Italian contractors to become more familiar with the proxy application and to have a better overall picture of HELCOM proxy functionalities.

##### Action agreed:

The Italian contractors will visit EMSA on 3<sup>rd</sup> May 07, when a more exhaustive presentation and explanation of the HELCOM proxy application will be provided.

#### 4.4 EMSA SRIT pilot project

LAI gave a presentation on the EMSA SRIT pilot project with the project main elements and expected results as follows:

- EMSA will provide MS with a consolidated AIS traffic image of the Baltic, North Sea and an “independent” MS on a GIS platform, superimposed with satellite pictures developed within the framework of the CleanSeaNet project. Other regions (e.g. Mediterranean and Black Sea) will be made available when implemented.
- The traffic data will be relayed to MS with an update rate of 1 hour. In addition, there will be a link to the SSN EIS thereby making data available (at the SSN agreed update rate) to all MS on request.
- As a result, SSN AIS messages will be increased (to nearly 4 million per month).
- The project will relieve the Baltic, North Sea and the “independent” MS of their obligation to provide the majority of their ship notification messages to the SSN core through the XML interface, since this data would be transferred automatically at EU level through the interface between the SSN core and the SRIT.
- Warning and alert messages will be made available for display by the HELCOM, North Sea and the “independent” MS.

##### Action agreed:

It would be productive for Italy to participate in the SRIT pilot project by connecting their national AIS server to the SRIT as an “independent” MS. EMSA would consider this proposal when drafting the planning and the technical specifications of the SRIT project.

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## 5. Main conclusions

The meeting was very constructive for EMSA and Italy. EMSA was made to understand specific Italian concerns regarding implementation of the Mediterranean AIS server, as well as what will be the MSs’ proxy applications and was generally very useful as a source of information. It was essential for the promotion of understanding between EMSA

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and the Italian Administration and a necessary preparation for the next meeting with Mediterranean MSs.

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## 6. Follow up actions

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The follow up actions are summarised as follows:

**a. Paragr 4.1 “4.1 Presentation of the AIS Med server requirements”**

The contractors agreed to further scrutinize available information and to inform EMSA (through the Italian Administration) if a further meeting with the Danish Administration is considered necessary.

Note: On 7 May 07, PPE informed LAI that the information is sufficient for their contractors to form their proposal for the creation of an AIS Med application. This action point is therefore closed.

**b. Paragr 4.2 “Setting up a demonstrator”**

It was agreed that the Italian Administration would be sent the relevant documentation from the HELCOM system regarding the specifications of the HELCOM demonstrator. GAU would review the project development plan, adding a demonstrator phase. The new plan will be available for information and evaluation by the AIS Med EWG at their next meeting.

**c. Paragr. 4.3 Presentation of the HELCOM AIS application**

The Italian contractors visited EMSA on 3<sup>rd</sup> May 07, when a more exhaustive presentation and explanation of the HELCOM proxy application was provided. This action point is therefore closed.

**d. Paragr 4.4 “EMSA SRIT pilot project”**

It would be productive for Italy to participate in the SRIT pilot project by connecting their national AIS server to the SRIT as an “independent” MS. EMSA would consider this proposal when drafting the planning and the technical specifications of the SRIT project.

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**ANNEX I****List of Participants**

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<b>S/N</b>	<b>Name</b>	<b>First Name</b>	<b>Organisation</b>	<b>E-mail</b>
1	PELLIZZARI	Piero	Italian Coast Guard	piero.pellizzari@infrastrutturetrasporti.it
2	AULICINO	Giuseppe	Italian Coast Guard	giuseppe.aulicino@infrastrutturetrasporti.it
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4	FIORI	Pierluigi	ELMAN	p.fiori@elmansrl.it
5	AICHMALOTIDIS	Lazaros	EMSA	Lazaros.AICHMALOTIDIS@emsa.europa.eu
6	WILKINS	Paul	EMSA	Paul.WILKINS@emsa.europa.eu
7	CARREU	Philippe	EMSA	Philippe.CARREU@emsa.europa.eu

**ANNEX II**

**AGENDA**  
**OF THE EMSA – ITALY MEETING**  
**Lisbon, 2 May 2007 (14:00 – 17:00)**

14:00	Presentation of the AIS Med server requirements (Italy)
15:00	Presentation of the HELCOM AIS application (EMSA)
15:20	Discussion
16:00	EMSA SRIT pilot project (EMSA)
16:20	Organisation of the work / planning of the next steps (EMSA – Italy)
16:40	Agenda of the next AIS Med EWG (EMSA - Italy)
17:00	End of the meeting