

## **Overview of the traffic monitoring situation around Med East**

**Med – E States Workshop  
Brussels 21 and 22 November 2005**



## SafeSeaNet areas





○ Planned

**Planned :  
Two (2) VTSs (before 2007)**

**Planned :  
AIS network  
covering the whole  
sea area under the  
jurisdiction of the  
Cyprus Government  
by the end  
of 2007**





**Operational : 7 VTSS  
2 AIS base stations**

**Operational 24H**

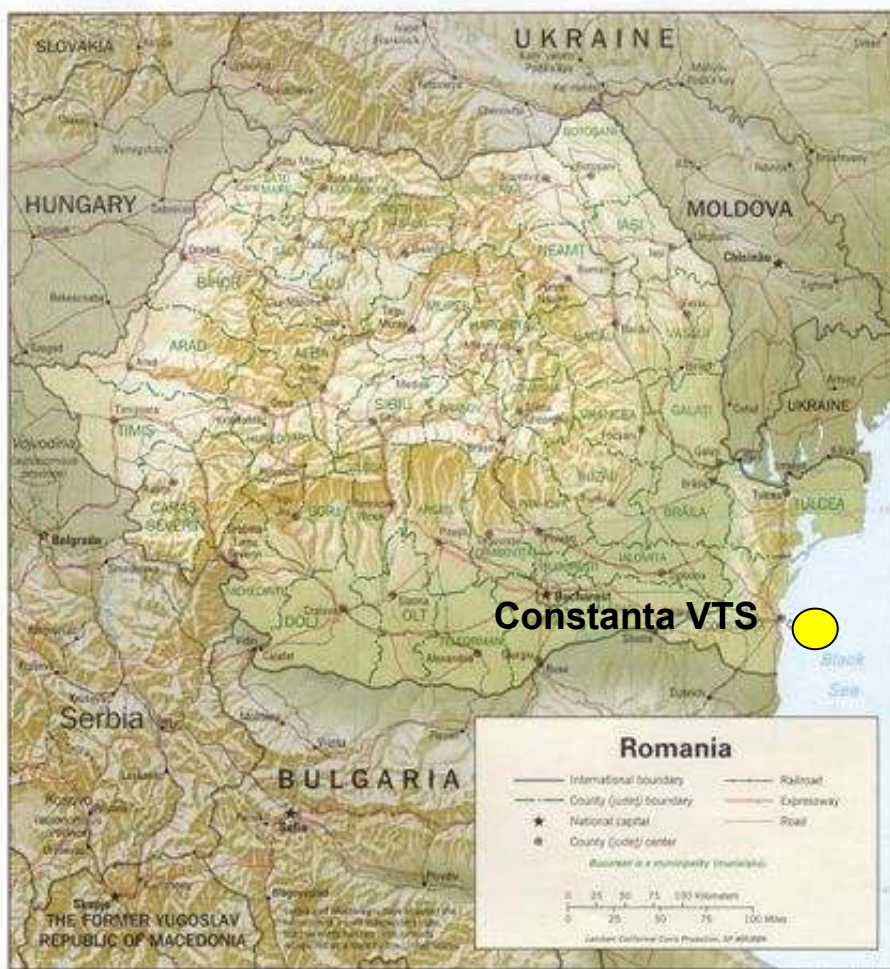
**Services :  
IS+NAS+TOS+AS**

**Personnel : C.G. Officers  
IALA V-103 standard  
trained**

**Planned : 9 VTSS in  
the Aegean sea**

**Planned : AIS network  
covering the whole  
SAR area by the end  
of 2007**

**National VTMS centre located at the H.C.G. Headquarters in Piraeus  
Real time traffic image from all VTSS – Access to the databases of each VTS**



**Operational : 1 VTSS  
1AIS base station**

**Operational 24H**

**Services :  
IS+NAS+TOS+AS**

**Personnel : IALA V-103  
Standard trained**

**Planned : AIS network  
(3 AIS B.S.)  
to cover the whole  
Romanian coast by  
the end of 2007**





**Slovenian coast 44Km**

**Operational : Koper VTS and 1 AIS station covering the whole coast (from October 2004)**

**VTS operational 24H**

**Services : IS+NAS+TOS+AS**

**Albania –Croatia – Italy – Slovenia and Serbia & Montenegro applied a TSS in the Adriatic Sea (operational from 1-12-04)**



**23 VTS ready to operate  
(preoperational phase)**

**Local – regional – national centres**

**Personnel : C.G. Officers**

**AIS network covering the sea area  
around the coast line (fully operational  
not later than half 2005)**

**M.O.U. with Slovenia, Croatia,  
Serbia & Montenegro, Albania and  
Greece**

**Discussions with Tunisia, Algeria,  
Libya, Malta (for the exchange of  
information about vessel traffic)**



**Operational : 1 VTS named Palace Tower Signal Station (PTSS) operated by the armed forces of Malta (should be updated in 2006)**

**Operational 24H**

**Services : IS**

**Planned : AIS base station should be installed during the second half of 2006**



The Mediterranean Basin



## SAFEMED project

Under the coordination  
of the Commission  
(duration 3 years)

Promotes  
Euro-Mediterranean  
cooperation in the  
field of maritime safety  
and prevention  
of the pollution

**Med. Countries non E.U. members : Morocco, Algeria, Tunisia, *Egypt, Israel, Jordan, Palestine Authority, Lebanon, Syria, Turkey***

## **SAFEMED PROJECT**

**ACTIVITY 2 : Ensuring the safety of navigation through the development of traffic monitoring systems. Tasks :**

- **Inventory of vessel traffic monitoring information system infrastructure and description of data exchange available in the Mediterranean partners. To propose a Med. VTMIS as well as appropriate solutions for its implementation and operation.**
- **Preparation and organisation of info day on VTMIS. SSN presentation.**
- **Study of maritime flows in the Mediterranean Sea.**
- **Training programmes for VTS managers and operators**

## **Article 9 of Directive 2002/59**

### **Infrastructure for ship reporting systems, ships' routing systems and vessel traffic services**

- 1. Member States shall take all necessary and appropriate measures to provide themselves gradually, on a time-schedule compatible with the timetable set out in Annex II(I), with appropriate equipment and shore-based installations for receiving and utilising the AIS information taking into account a necessary range for transmission of the reports.**
- 2. The process of building up all necessary equipment and shore-based installations for implementing this Directive shall be completed by the end of 2007. Member States shall ensure that the appropriate equipment for relaying the information to, and exchanging it between, the national systems of Member States shall be operational at the latest one year thereafter.**



## AIS objectives

The AIS on board can send and receive ship information (such as ship identification, ship characteristics, position, speed heading etc.) between other ships and shore-based AIS stations.

The overall purpose of AIS is to identify vessels, assist in target tracking, provide information to assist in collision avoidance and to **compile the traffic image** of the area.

**When a number of AIS systems want to share data, it is optimal to have a central system that receives and distributes data to all the involved parties.**

**Need to define system's interface and functionalities.**

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**What's next ?**

**Clarify further the concept (time table, procedures, technical details etc.) to meet M.S. and Directive's requirements ..... RTDEIS .....**

**Thank you very much  
for your attention**