

STUDY

Title: "Functional and Technical Study on Vessel Traffic Monitoring and Information System"

The Consortium is established by:

- THETIS S.p.A., as Team Leader,
- D'APPOLONIA, as Partner 1
- RINA INDUSTRY, as Partner 2

Project start date is: 22nd January 2008

Project end date is: 21st July 2008

Value: 386.000,00 EUR

Overall Objective(s)

Improvements of maritime safety and prevention of pollution from ships in line with the Directive 2002/59/EC of the European parliament and of the Council of the 27 June 2002 establishing a Community vessel traffic monitoring and information system and repealing Council Directive 93/75/EEC.

Project Purpose:

Enhancement of administrative and technical efficiency of Maritime Administration in monitoring and management of vessels with special regard to vessels carrying dangerous and polluting goods through facilitating high quality of further development of Croatian VTMIS.

Specific objectives:

- Detailed CVTMIS System Design developed in compliance with national legislation defining the inventory of all equipment (including sensors, communication network and power supply, software and other technical elements) with detailed technical specifications on each remote location/Control Center/Sub-Centres and defining the requirements of small scale construction works as well as general considerations on placement of equipment on micro-location on each remote location/Control Center/Sub-Centres on the bases of the CVTMIS Feasibility Study and Radar subsystem visibility analysis, 2006 ;
- Design of the CVTMIS data management system developed covering data display, storage, integration with existing information management system (such as "AIS Database" and "Arrivals and Departures of Ships Database") and international and regional exchange of data pursuant to the requirements of Directive 2002/59/EC as amended;
- CVTMIS Legal and Organizational framework developed containing at least preliminary analysis of VTMIS Operators workload, human resources needs, human resources management system, recommendations on institutional arrangements of the VTMIS service, evaluation of existing international, EU and national legal instruments applicable to VTMIS services and recommendations on amendments to national legislation as well as administrative and procedural arrangements including application of VTMIS tools for the establishment of VTS services;
- Croatian Vessel Traffic Monitoring and Information System (CVTMIS) Study developed.

Project activities:

- Detailed CVTMIS System Design development
- Design of the CVTMIS Data Management System development
- CVTMIS Legal and Organizational Framework development
- Croatian Vessel Traffic Monitoring and Information System (CVTMIS) Study development

	DOCUMENTS	PDF
General - final presentation 21/07/2008		
CVTMIS System Design		
CVTMIS data management system		
CVTMIS Legal and Organizational framework		
CVTMIS Study development		