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ABSTRACT SUBMISSION — SOUMISSION DE RESUME

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Maritime domain awareness

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ABSTRACT / RESUME:

The Italian Coast Guard (ICG) centralizes the bulk of the coast guard functions in a single Organization taking advantages of optimising response capabilities thanks to a synergic and unambiguous decisional process.

In order to comply with the Directive 2002/59/EC of the European Parliament and of the Council establishing a Community vessel traffic monitoring and information system, the ICG, as the National Competent Authority, implemented a network for providing AIS services. For the fulfilment of the EU legislation the ICG also realized MAREΣ, a system for the AIS information sharing among the Mediterranean Countries.

Starting from the information obtained by AIS and according to its many operational requirements, the ICG enhanced its maritime situational awareness by the collection of information acquired by other sources as the Long Range Identification and Tracking, Vessel Monitoring System, GMDSS, Mandatory



Report Systems, Ship Security Alert Systems, reference dBases, SafeSeaNet, VTS, etc... getting a comprehensive overview of the activities at sea.

These information are also gathered in order to achieve a common operation picture for all the ICG operational centres and air/naval assets also to be tailored according to the different users needs. This common picture is also used in cooperation with the Customs and the Port Authorities to enhance the efficiency of maritime traffic.

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