MONA LISA 2.0 SECURING THE CHAIN BY INTELLIGENCE AT SEA

EU STRATEGY FOR THE BALTIC SEA REGION FLAGSHIP

Status report October 2014 - developments June-October

Connection of different civil maritime simulators marks breakthrough

For the first time ever, different brands of civil maritime simulators have been connected. Even better, one of the simulators was in Spain, the other in Sweden. The European Maritime Simulator Network (EMSN) will be launched in November 2014 when many more simulator centres will be added to the network.
In our concepts, we focus on reusing resources by extending the usage. Therefore, we decided to tie existing simulator centres together rather than building a huge centre.

Gothenburg Transas bridge simulator looking at overtaking the vessel controlled in the Kongsberg bridge simulator in Gijon.

Live testing of STCC functionality started

Two vessels from the Transatlantic shipping company, has extra equipment on board for route exchange. A shore based solution is placed at SOUNDREP. The vessels send the routes to shore and receive confirmation and possible suggestions from shore. The operators identify many future possibilities as well as technical and operational improvements. Exactly the kind of input we are looking for.

The route standard format is moving smoothly through the processes

No issues have been raised regarding the suggested route exchange protocol of IEC-61174 edition 4. No news is good news. Edition 4 is taken into practice late 2015.

Subconcepts of Sea Traffic Management have been further developed

Four functional concepts are identified: Strategic Voyage Management (before voyage), Dynamic Voyage Management (during voyage), Flow Management (for congested waters) and Port Collaborative Decision Making. The all make use of the fifth concept for communication: System Wide Information Management.

Vessels for different live testing secured

Contracts with different ships are in place for the project to test Behaviour Based Safety methods on board, to test a newly developed RFID-based Indoor Positioning System as well as a cruise ship for a large SAR exercise in Spanish waters and Valencia port next summer.

New MRCC system in system test

The plan is to launch the system live in Sweden in February 2015.

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