



eMar- Facilitating information exchange

e-Mar makes maritime transport **safer | more secure | more competitive | more environmentally friendly**
 the e-Maritime ecosystem builds advanced business applications:

- Port Operations (Port Community Systems & Port Single Windows)
- Ship Operations
- Transport Logistics
- Interfacing of Third Party Digital Services
- e- maintenance services
- e- Commerce support services
- Transport and e-data
- Interfacing with Administration and regulatory systems



Dear readers

This is the third newsletter for the eMAR Project which reports on the latest innovations regarding the eMaritime initiative and the eMAR project.

With the June 2015 deadline approaching soon, many national authorities and shipping companies are reviewing their strategies and invest significant efforts to prepare their systems. In this context, we have witnessed a change in the perception of companies towards eMAR. 60% of them are willing to share information that they upload in the eMAR databases, however, this only increases the pressure on them, to prepare their systems accordingly. Those that will profit the most are expected to be the maritime and the shipping companies. The main reason for that? According to our research, these companies invest this effort to improve supply chain visibility and more precisely to provide and get full visibility on the capacity and on the status of the Port Terminals.

Enjoy reading our Newsletter!

Jenny Rainbird
 Senior Project Manager, BMT Group Ltd
 Project Manager, eMAR Project



eMAR widespread its message

- 9-10-11 September_ APHA Conference 2014_ London
- 27-29 October_ MTEC Conference_ Trodheim
- 11 November_ Intermodal Europe Conferences_ Rotterdam

A new era for European shipping: the eMAR platform improves efficiency and effectiveness

The first official presentation of the eMAR Platform, took place in Piraeus-Greece, on May 27th, 2014. The eMARITIME systems presented showcased the significant improvement of the maritime and shipping operations through an integrated and innovative maritime transport information management.

The eMAR presentation was co-hosted by DANAOS as part of its Annual Users' Meeting. The Danaos annual Users' Meeting is a venue where the Danaos Platform (www.danaosplatform.com) is presented and new features are explained at the users community. The eMAR event was co-hosted by University of Piraeus – Department of Maritime Studies (www.maritime-unipi.gr) and by Decision

Dynamics Ltd (www.decisiondyn.com), partners of the eMAR project, and the event attracted more than 200 maritime professionals from around the globe, discussing how the eMAR tools can support overcoming legacy barriers in their business models.

Key note speakers and audience had an interesting conversation on the bottom line results that the shipping company seeks, agreeing that the eMAR platform mission is successful.

During the eMAR workshop, tools for the upgrading of the shipping company were presented and the speakers discussed in depth about how these systems can significantly improve the bottom line and help boost productivity of the maritime and shipping company.

The eMAR Workshop themes included:

- Improving shipping operations through using advanced collaboration tools
- Reducing administrative barriers in European shipping
- Facilitating information exchange among maritime business and governmental actors
- Identifying business opportunities and capturing them
- Achieving Supply Chain Excellence through ICT Innovation

Ms Jenny Rainbird, eMAR Project Coordinator and Senior Project Manager of the BMT Group (www.bmt.org), explained that: "The eMAR project, now reaching its final phase, aims through the 27 European partner companies, to create a more efficient and more user friendly environment for the modern shipping company". Mr. Christos Pipitsoulis, Project Officer of DG MOVE, clarified the political context

and explained the funding instruments for the current programming period, including explaining the Horizon 2020 and the TEN-T Programmes, the CEF – Connecting Europe Facility and the European Regional Development Fund (ERDF).

Dr. Takis Katsoulakos, Director of Inlecom Systems (www.inlecom.com) and Technical Director of the eMAR Project, presented the INLECOM Platform and commented

that "until now, European shipping dealt with technology that focused on simplifying the processes between a ship and the port authorities on a bilateral, 1-to-1, basis. The eMAR approach is integrated and collective by creating tools that simplify processes not only for authorities but also for the clients/companies/market/industry. This is what we call the INLECOM Ecosystem".



The eMaritime event 27th May



Dr. Papadimitriou moderated the event



Ms. Jenny Rainbird



Dr. Takis Katsoulakos



Mr. Dimitris Theodosiou



Group Photo (L-R: Mr. Pipitsoulis, Mr. Koliouis, Ms Rainbird, Prof. Papadimitriou, Mr. Tzantzas, Dr. Katsoulakos)

e-MAR meets INTERMODAL EUROPE 2014

A conference session presenting the eMAR project innovations will be held at Intermodal Europe 2014, on November 11th. The Conference is part of the Intermodal Europe Expo which takes place from 11-13 November at the Rotterdam Ahoy.

Maritime transport is a major economical contributor in the EU as well as a necessary component for the facilitation of international and inter-regional trade, on which the European economy is strongly dependent. The eMAR project aims to empower the European maritime sector through upgraded information management infrastructure.

Ioannis Koliouis, eMAR Communications Manager, will chair the session, which will include a round table discussion, and takes place on day 1 of Intermodal Europe 2014.

"During this session, we will be asking whether Supply Chain Excellence can be achieved through ICT (Information and Communications Technology) Innovation and looking into facilitating information exchange among maritime business and governmental actors," explains Ioannis Koliouis. "We will also explore new business opportunities for companies, reducing administrative barriers in European shipping and ways that shipping operations can be improved with advanced collaboration tools."

Panelists confirmed to participate in the conference sessions include Takis Katsoulakos, Research Director for Inlecom System Ltd, Fernando Caldeira-Saraiva, Director of BMT Group, Dimitrios Theodosiou, GM of Danaos Management Consultants and Angelo Aucilinio of

Interporto Bologna.

"Until now, European shipping dealt with technology that focused on simplifying the processes between a ship and the port authorities on a one to one basis" explains Ioannis Koliouis. "Our approach in the eMAR Project is integrated and collective, by creating tools that simplify processes, not only for authorities but also for the clients, companies, market and industry, to create a truly seamless supply chain."

Professionals from a range of industry sectors are expected to attend the conference session, including shipping executives, ship and line operators, road hauliers, port stakeholders, freight forwarders and logistics services providers. Other industry professionals in attendance might include state and regional authorities, research organisations, universities and colleges, trade and transport consultants and trainers in maritime, logistics and ports industries.

"Intermodal Europe is an important event as it brings together executives from the entire logistics and intermodal domain to discuss new concepts and new approaches" adds Ioannis Koliouis. "Because all the key industry players can be found in one place, we can get feedback from companies that will be using our products and network with other business and thought leaders to identify business development opportunities."



About the Exhibition

Intermodal Europe is the global leading container transport and logistics event. Now in its 38th year, the show is widely recognised as the must-attend event for logistics professionals. Every year around 5,000 participants from across the world attend. Intermodal Europe regularly attracts key shippers, shipping lines, container professionals and those involved in the intermodal supply chain. They come together to not only network and do business but to see the latest innovations and logistic solutions. The event comprises of a free-to-attend exhibition and conference. The exhibition attracts some of the intermodal industry's biggest names showcasing their latest products and services.

The conference has hosted some of the most influential industry speakers – with attendees taking away good insight into the future of intermodalism.

Intermodal Europe 2014 takes place at the AHOY, Rotterdam, The Netherlands from the 11-13 November 2014.

CORRIGENDUM

"In the May June Edition of the eMAR Newsletter, the claim "Interfacing e-Mar with SSN" as stated in page 1, may have caused some confusion. To clarify, EMSA operating policies do not permit a direct interface between any R&D project and SSN. The interfacing and collaboration mentioned in the May June newsletter was achieved via the eMAR partner, the Norwegian Coastal Administration, which enabled the development of an eMAR application allowing shipping companies to submit notifications related to EU port entry/exit according to the provisions of the Reporting Formalities Directive. This activity is called "Interfacing eMAR with SSN".

For more information please contact emar@decisiondyn.com

Harmonised e-Reporting procedures for all vessels since June 2015

A new era for global maritime is to be unveiled on June 2015. The European Commission adopted on June 25th the report on the functioning of the Reporting Formalities Directive (Directive 2010/65). The Directive aims to ensure that by June 2015, vessels entering in or departing from EU ports will provide required information electronically via one single entry point – the National Single Window.

Currently, these procedures are duplicative and time consuming, resulting in costs and delays, thus making maritime transport less attractive compared to other modes. EC through COM(2014) 320/25.6.2014 urges Member States to increase efforts for this major simplification and harmonisation of the current reporting procedures.

Many Member States have made considerable effort to transfer the 2010/65 Directive into their National Legislation. Initiatives for the National Single Window implementation have been taken, mostly building on existing platforms, technical solutions and standards. The eMAR Project is an excellent example of those efforts that combines technological solutions with research. After the European Commission's decision, Dr. Takis Katsoulakos, Technical Director of the eMAR Project and Director of Inlecom Systems Ltd, mentions that:

The FP7 projects eMAR and eCompliance are fully committed to support the Commission efforts for harmonised reporting procedures for vessels by

1. Providing the CRS data model harmonising various developments, particularly the AnNA and ISO models, and integrating them in the e-Maritime Strategic Framework (EMSF)
2. Offering technical demonstrations to shipping companies linking their existing systems with available MSW prototypes without any further commitment for the companies themselves,
3. Developing intelligent compliance support systems for regulators, enforcement authorities, shipping companies and ports

The European Commission recommends that EU guidelines and technical specifications for the implementation of the National Single Windows are agreed upon and are considered as an urgent matter by the European Coordination Group. In the absence of harmonised implementation with non-interoperable standards, the National Single Windows might differ from Member State to Member State, compelling industry players to develop interfaces to communicate with these systems, leading to increasing implementation costs.

e-MAR initiatives presented at APHA Conference 2014

The eMAR Single Maritime Window demo pilot was presented at the Association of Port Health Authority's (APHA) Conference 2014 by Ms Rainbird, Senior Project Manager, BMT Group Ltd and Coordinator of the eMAR Project.

The APHA 2014 Conference was held at Chadwick Court, in London on September 9th until 11th 2014. This year's conference theme was "Moving Forwards & Managing Change".

The conference covered a number of approaches to identifying and meeting the challenges associated with port change, and raising awareness of emerging public health threats.

Ms Rainbird introduced the eMAR Maritime Single Window, analyzed the current status and explained the challenges that the New EU directive brings for the post June 2015 era for the shipping industry. She also talked about the eMAR project's innovations and explained the purpose of its pilots and plans.

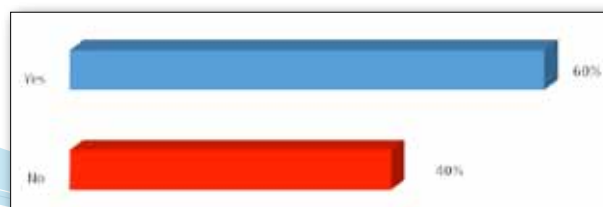
Insight from the eMAR Stakeholder Survey

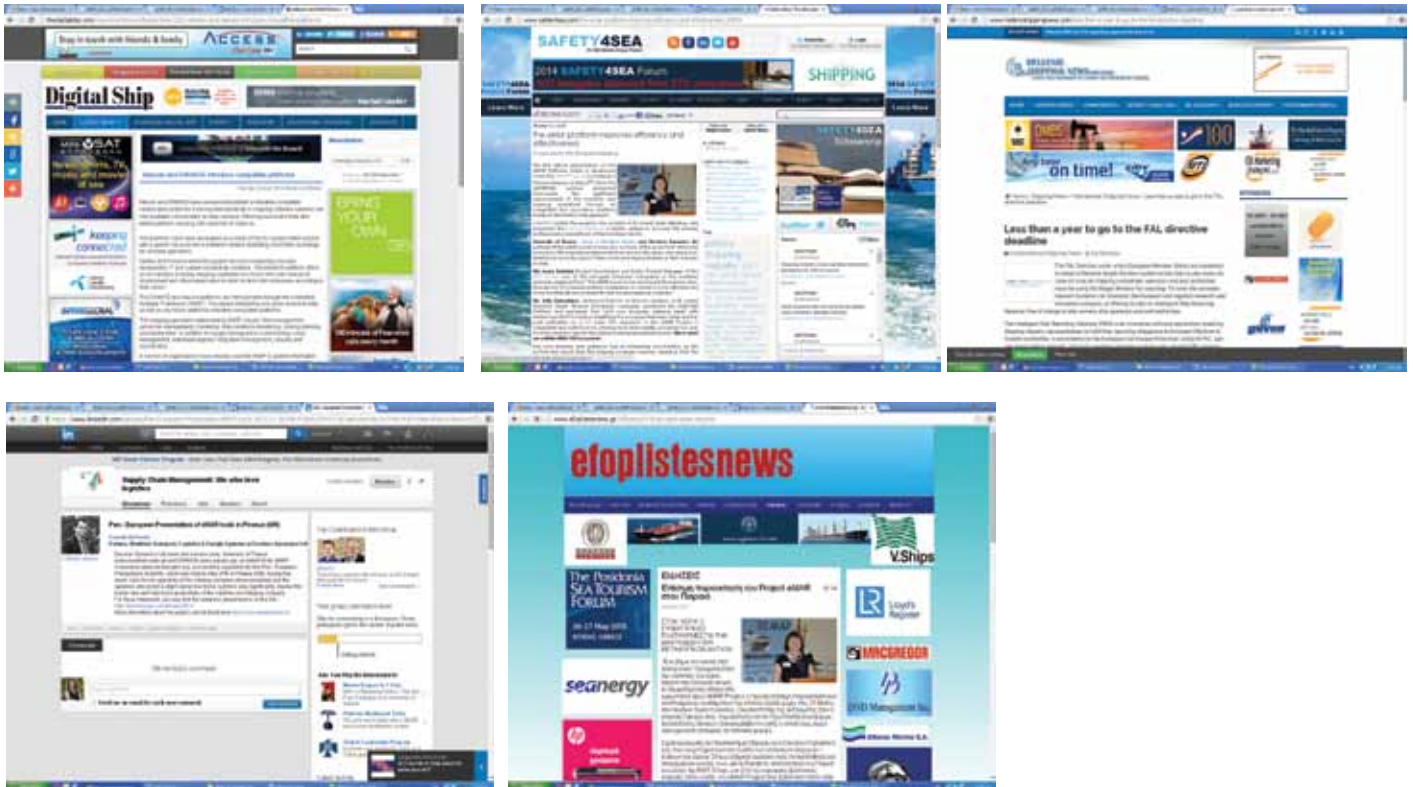
What are the 5 most important Information requirements for a modern shipping company?

1. Obtain real time updates to port/terminal berth services and restrictions
2. Obtain real time information on canal/port/terminal/berth performance status
3. Obtain real time information on port/terminal/berth performance levels
4. Communicate with clients regarding freight transport planning and status
5. Communicate with others in the maritime industry on a day-to-day basis

60% of the companies interviewed agreed to make available in some form, the information they upload in an eMARITIME platform

I would make available to the wider industry all or part of the information I upload to an e-Maritime platform





e-MAR SPOKEPERSONS

Tags:

eMaritime, seamless Information exchange, advanced maritime management systems, European Commission, new technologies, 7th framework, transportation

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