



European Maritime Safety Agency

Meeting Report

IMP Demonstration Project Workshop 2

Held in Rome on
11 November 2013

1. Background

This workshop meeting was organised in the context of the IMP Demonstration Project led by EMSA. It aimed at reviewing the results of the tests of the first version of the National Single Window (NSW) prototype by the participating MS, address the design of the next version and elaborate the roadmap of further developments.

Six Member States participating to the project were represented at the meeting: Bulgaria, Greece, Italy, Malta, Norway and Romania. In addition, an expert from ISO (Ørnulf Jan Rødseth) and from the EMSA contractor (Aggelos Argyropoulos) attended the meeting. The list of participants is attached as **Annex 1**. The agenda of the meeting is attached as **Annex 2**.

The meeting was hosted by the Italian Coast Guard Administration and was chaired by Mr Lazaros Aichmalotidis, Head of Unit C2 Vessel Traffic and Reporting Services.

The workshop presentations and the NSW mock-ups are stored at:

<http://emsa.europa.eu/documents/workshop-presentations-a-reports.html>

2. Results of the operational tests of the prototype

A first version of the NSW prototype was released on the 10th October and tested with ship data providers (shipping agents and companies) in the participating countries until 1st November. This version offered the possibility to fulfil the reporting formalities through a harmonised graphical user interface and XML system interface. The data structure and formats were based on the results of the work of the eMS Data Mapping group and on the ISO 28005 standard on Electronic Port Clearance.

Overall, the results of the tests were positive as regards the completeness and performance of the prototype. All findings reported to EMSA by testers were consolidated in a unique list which was presented to the participants and discussed. The test report from BG was sent on Friday 8 November and could not be included in the list for the meeting. The complete list is provided in **Annex 3**. A list of desired software improvements was agreed and will be considered in the development roadmap. It is provided in **Annex 4**.

As regards the support of national languages, EMSA indicated that this improvement will require the participating MS to provide the labels and texts for the web interface and contextual help. Regarding the possibility to upload XLS files, NO offered to use the templates which are provided in the Norwegian NSW.

As regards the Dangerous and Polluting Goods database, EMSA indicated that the issue will be handled by the SSN Group and will be presented at the SSN HLSG. At this stage, it is not foreseen in the IMP Demonstration Project. The Vessel Database is an issue dealt with by EMSA under a specific pilot project which will also be reported at the SSN HLSG.

BG indicated that the Bulgarian national system uses electronic signatures. This addresses the issue of liability of the data reported to the system.

Ørnulf Jan Rødseth indicated that a similar project regarding NSW systems is being run by the IMO Technical Cooperation Committee.

EMSA indicated that it had recorded a notification to its data protection officer regarding the processing of personal data in the NSW prototypes and that proper indication will be included in the user interface and the user manual. EMSA advised that such notification

does not cover the list of crew and passengers, which needs to be anonymised when reported to the NSW prototype.

3. Design of next version of prototype and further developments

EMSA announced that a second version of the prototype (cycle 3) featuring interfaces with relevant authorities and allowing information exchange of information with SafeSeaNet will be made available in January 2014.

Participants recommended that more time and effort should be dedicated to preparing the prototype and addressing bugs and technical issues before testing with shipping industry and authorities.

The expected time plan of cycle 3 is the following:

| | |
|--|------------------------|
| NSW prototype available for testing on EMSA environment | 20 January 2014 |
| Tests by national administrators, configuration of NSW systems | 20 to 24 January |
| Tests by end-users from shipping industry and authorities | 27 January to 7 March |
| MSs to send test reports to EMSA | No later than 12 March |

EMSA offered to continue hosting the NSW prototypes. Hosting by the participating MS will be considered at a later stage when the software is stabilised.

EMSA presented the leading principles to be applied in cycle 3. They were amended during the meeting as listed in **Annex 5**.

With the support of II, EMSA also presented the design of the web user interfaces and mock ups. The participants provided their recommendations.

In addition, the participants suggested that:

- Acknowledgment messages should be communicated by e-mail in addition to XML messages.
- The content of notification should be displayed to the authorities as text (not as form) with possibility to print.
- All individual decisions should be communicated to the Ship Data Providers at once (both acceptance and rejections).
- Additional information from SSN regarding the ship (refusal of access) should be displayed to the authorities.
- The homepage should feature text messages to the Ship Data Providers and authorities which should be recorded by the NSW administrator.

4. Technical analysis of national systems

II presented the results of their technical analysis regarding the existing national SSN, systems of public authorities, port community systems based on the feedback provided by the participating MS. The analysis aimed at drawing recommendations on interfacing of the prototype with existing systems.

The documentation provided was insufficient for II to elaborate the technical specifications of such interfaces, but some scenarios were prepared and introduced to the

participants. No conclusion could be reached during the meeting on how the prototype and national systems could be interfaced.

EMSA offered to draw a list of questions that will support the MS in analysing the issue.

5. Conclusion of the meeting

Participants are invited to provide their comments on the leading principles and mock-ups until **Wednesday 20 November**.

As a follow-up to the workshop meeting, EMSA will:

- a. Consider the list of desired improvements in the development roadmap of the prototype.
- b. Prepare a list of questions to address to the MS regarding possible scenarios of integrating the NSW prototype with national SSN, port community systems and authorities systems by end November.

A third workshop meeting will be arranged by EMSA at beginning of 2014 if necessary.

Annexes

Annex 1 – List of participants

Annex 2 – Meeting Agenda

Annex 3 – Consolidated list of test findings

Annex 4 – List of improvements

Annex 5 – Leading principles

Annex 1 – Attendance List

| Name | First name | Organisation | Email |
|-----------------|------------|---|---|
| Ivanov | Ivan | BG - Bulgarian Ports Infrastructure Company | iv.ivanov@bgports.bg |
| Sofikitis | Ilias | GR - Hellenic Coast Guard | hsfikitis@hcg.gr |
| Pellizzari | Piero | IT - Italian Coast Guard | piero.pellizzari@mit.gov.it |
| Gionfriddo | Marco | IT - Italian Coast Guard | marco.gionfriddo@mit.gov.it |
| Puntin | Daniele | IT - Italian Coast Guard | daniele.puntin@mit.gov.it |
| Cassar Simmonds | Bjorn | MT - Transport Malta | bjorn.cassar-simmonds@transport.gov.mt |
| Hauge | Jarle | NO - Norwegian Coastal Administration | jarle.hauge@kystverket.no |
| Fjetland | Steinar | NO - Norwegian Coastal Administration | steinar.fjetland@kystverket.no |
| Apostol | Silviu | RO - Romanian Naval Authority | sapostol@rna.ro |
| Argyropoulos | Aggelos | INTRASOFT INTERNATIONAL | aggelos.argyropoulos@intrasoft-intl.com |
| Rødseth | Ørnulf Jan | ISO | ornulfJan.Rodseth@marintek.sintef.no |
| Aichmalotidis | Lazaros | EMSA | Lazaros.AICHMALOTIDIS@emsa.europa.eu |
| Duchesne | Philippe | EMSA | Philippe.DUCHESNE@emsa.europa.eu |

Annex 2 – Meeting Agenda

| Time | Topic | Speaker |
|--------------|---|--------------------|
| 09:00 | Registration | |
| 09:30 | Introduction meeting objectives | EMSA |
| 10:00 | Outcome of the operational tests of cycle 2 (findings from testers, follow-up actions) | EMSA |
| 10:30 | Coffee break | |
| 10:45 | Feed-back from MS on operational tests | ALL |
| 12:00 | Lunch break | |
| 13:00 | Introduction to cycle 3 (scope, features, schedule) Design of the user interface (distribute information from formalities, record decisions from authorities, provide feedback to ship data providers) | EMSA Contractor |
| 15:00 | Coffee break | |
| 15:15 | Results of technical analysis and proposed way forward for interfaces with national systems Scope of second phase in 2014 | EMSA Contractor |
| 16:30 | Key point on installation of NSW prototype and issues to address, exchange with contractor | ALL Contractor |
| 17:30 | End of meeting | |

Annex 3 – Consolidated list of test findings

See attached XLS file.

Annex 4 – List of improvements

See attached XLS file.

Annex 5 – Leading principles

See attached PDF file