



European Maritime Safety Agency

Workshop Report

SafeSeaNet Workshop 7

Held in Lisbon on:

31 May & 1 June 2007

Workshop Report: SafeSeaNet (7)

Background

I. Introduction

The workshop was to opened and concluded in plenary sittings (chairman Mr Lazaros Aichmalotidis), with much of the work in between being split into two sessions "STIRES Study / User's Requirements" (chairman Mr Lazaros Aichmalotidis), and "Operational and Technical" (chairman Mr Yannick Texier), held concurrently in separate rooms, reconvening the plenary to conclude with common issues and agree the conclusions.

The meeting was attended by delegations from: Belgium, Bulgaria, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Netherlands (the), Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, and United Kingdom (the).

Representatives of Intrasoft International (EMSA contractor), the MarNIS Project and ESPO also participated.

The list of participants is attached as **Annex 1**.

A list of documents distributed to the SSN 7 participants is included as **Annex 2**.

Note: Fuller details of the issues presented (including an allocation of papers to each of the sub-groups) may be obtained from:

<http://www.emsa.europa.eu/end805d009.html>

Workshop Objectives

The most important issues of the workshop were:

- STIRES study - 2nd experts' review meeting. This was a follow up of the 1st meeting held on the 8th November 06. SAAB elaborated the comments of the previous meeting and presented the final result. EMSA presented a roadmap for future developments.
- COSS Committee results: note and consider issues recently discussed by the COSS Committee - input for the Commission;
- SSN data quality: propose for the development of a "Data Quality Guideline" that will contribute to the reliability of the data exchanged into the SSN system;
- Alerts distribution: provide some views regarding the alerts messages distribution in SSN and proactive use of information by SSN operational users;
- SSN V.2: present the roadmap for setting up the new version of SafeSeaNet (V.2) with improved and extended functionality and improved stability and capacity;
- Launch a discussion on the ICD communication requirements (define the "retry period");
- Continue the discussion on the LOCODEs and introduce the need for additional LOCODE elements.
- Update the SSN group on the status of :
 - SSN version 1.9,
 - EMSA study on "ship movements",
 - new service - MSS,
 - EMSA list of single hull tankers
 - LRIT,
 - AIS Baltic project etc.

Workshop Programme

I.1 EMSA main tasks (after SSN 6)

The chairman referred briefly the main EMSA tasks related to SSN which took place after the SSN 6 workshop as follows:

- **3rd Workshop on Mediterranean AIS (Lisbon 12 December 06):** Essential development work has begun including processing of the specifications and a time plan.
- **SRIT technical meeting (Lisbon 13 February 07) :** A technical meeting with a smaller group of MS with previous experience of regional network development (Denmark, Italy, Norway, Portugal and Sweden) was held on 13/2/07 with the objective of receiving further feedback, to be worked out in further detail by the EMSA contractor.
- **MarNIS activities:** EMSA received a letter from the COM requesting the establishment of cooperation between EMSA and the MarNIS consortium to prepare and implement demonstrations on the e-maritime concept using SSN testing environment as a basis for these demonstrations.
- **Technical assistance mission to Bulgaria on SafeSeaNet (14 and 15 March 2007):** At the request of the Bulgarian Maritime Administration (BMA), EMSA arranged technical assistance mission to Bulgaria on SafeSeaNet issues. A similar request was received by Romania and training has been scheduled for 5 and 6 June 07 in Constanța.
- **ISWG (Lisbon 28 March 2007):** The ISWG 4 reviewed the issues pointed out by SSN WS 6 and the open points raised by Member States.
- **Dialogue with maritime related Agencies:** EMSA attended a workshop (Brussels 22 March 07) which examined how civil-military cooperation in the maritime domain could be enhanced or even systemized by sharing information amongst the authorities involved. The role of SafeSeaNet was widely recognized as the platform for exchanging vessel traffic monitoring data between the MS Authorities. EDA representatives visited EMSA (Lisbon 17 April 07) and discussed on the EMSA traffic monitoring program. FRONTEX requested a meeting with EMSA to discuss on SSN and the possible synergies and complementarities in the area of maritime surveillance.
- **EMSA LRIT workshop (3 and 4 May 07):** EMSA organized a workshop on the Implementation of the LRIT system in the Member States. This workshop was aimed at clarifying and facilitating technical and operational issues relating to the implementation and use of the LRIT system by Member States by the end 2008, in accordance with the SOLAS amendments agreed by contracting parties to the IMO.
- **EMSA new recruitments for the new Maritime Support Services:** Three (3) new colleagues (one senior and two SSN operators) joined EMSA and started to work with the new Maritime Support Services.

I.2 Approval of the agenda

The group approved the agenda with no changes.

I.3 Minutes of previous meeting

The minutes of the previous workshop (SSN 6) were approved, including the actions resulting from that meeting, subject to amendment of action SSN 5 I.9, at the request of FR, which instead of "Not possible due to contractual difficulties", should read "Not possible due to current tender call".

ACTION ITEMS FROM THE SSN 6 WORKSHOP

I. ACTION ITEMS FOR THE MEMBER STATES SSN W6

S/N	Section	Topic and Action	Action carried out
1	III.1.c and III.1.f	The "retry period" and the subsequent procedures as well as the "duration of the archives" have to be defined.	SSN 7.3.1
2	III.3.b	Greece will submit a contribution to SSN 7 on the use of the Electronic signature.	Shifted for SSN 8
3	III.4	MS can use the EMSA list supplied to detect single hull tankers and comments are invited on this list. Users may access the SSN management console to download the latest available single hull tanker list. Those authorities with information on tankers that should be added to the list are invited to come forward with this information so they can be added to the list. [for SSN V1.9]	Ongoing
4	III.9.2	France who has the chairmanship would report on behalf of the participating MS the decision of the Coordination Committee.	WETREP minutes Fr reported during the WS
5	IV.1.b	Greece and other volunteer MS would provide a contribution justifying the need for the additional criteria.	Shifted for SSN 8
6	IV.4.b	MS should provide their contribution on the "alerts distribution" issue to the next ISWG.	Dealt within the ISWG SSN 7.4.2
7	V.1.b	In the context of the security of information supplied to EMSA in response to the questionnaires, MS should (in accordance with Commission procedures) clarify the security status of the information and specifically, which elements cannot be made available to the public.	Input received only from UK

II. ACTION ITEMS FOR THE EMSA SSN W6

S/N	Section	Topic and Action	Action carried out
1	III.1.d	Submit a new Commissioning test plan document.	Ongoing
2	III.2	Present the modified XMLRG in a traceable format clearly indicating the changes and the relevant decisions taken during the previous SSN workshops and with additional changes regarding the LOCODEs (see SSN 5).	Completed SSN 7.3.2

S/N	Section	Topic and Action	Action carried out
3	III.8	To produce a Data Quality Guidelines text in time for SSN W7.	Ongoing SSN 7.3.5
4	III.3.a	Implement in SSN V1.9 the 2 way SSL.	Ongoing SSN 7.4.5
5	III.6	The discussion on the Locodes will continue trying to find an appropriate harmonised solution.	SSN 7.3.4
6	III.8	Coordinate the works of the Technical Working Group (TWG) on "Data quality" that will be set up with mission to develop and submit at SSN 7 a "Data Quality Guideline" based on the terms of reference Annex to the document SSN 6/3/8. The TWG will be constituted by volunteer participants and EMSA. The TWG suggestions will be presented at the ISWG and thereafter at SSN 7.	Ongoing SSN 7.3.5
7	IV.1.a, IV.10, III.1.a, III.1.e	Engage the process for the revision of the present "access rights" based on the requirements contained in documents 6/4/1 and 6/4/10. The impact for MS interfaces shall be evaluated. The results will be first discussed at the ISWG and then at SSN 7.	Dealt within the ISWG SSN 7.4.6
8	IV.3	Implement the correction for the "AIS notification message" in SSN V1.9.	SSN 7.4.7
9	IV.4.a, IV.4.c IV.10.b	Conduct a feasibility study on the "alerts distribution". Prepare a project plan for developing the "Alerts distribution" within SSN and report to the next ISWG on the progress. Seek for further cooperation with MarNIS Consortium.	SSN 7.4.2
10	IV.5	Implement the correction on the "acknowledgment of receipt". The correction should be implemented on a future release of SSN V1.9 (after mid-2007).	Completed
11	V.1.a	Request to the Commission to rise at the next COSS or COSS WG meeting, the issue of the discontinuation of the Web Interface.	Completed
12	VII.2	Keep the single window concept in the future agenda of the SSN group.	Ongoing

I.4 Communication of the report of the ISWG 4

The chairman of the ISWG 4 presented the report of the meeting held on 28 March 2007 in EMSA. The recommendations provided by the group are reflected in the documents submitted to the WS 7 participants. The final report was accepted.

II. INPUT FROM THE COMMISSION

II.1 Introduction

Mr. Urban Hallberg, representing the Commission, summarised current issues of significance to SSN and to the Directive 2002/59/EC. Mr. Hallberg mentioned that the work regarding the AIS Master plan will start soon and a workshop will be arranged for, tentatively in November 2007.

Further, the "Single Window" concept is supported by COSS. It is also expected that SSN will in the future, cater for some commercial information. He reminded the Member States that there is only 18 months left before fully compliance with the directive 2002/59/EC has to be met.

Mr Hallberg said that the MS have to develop their own system for storing and retrieving of information to comply with the directive, and EMSA and the MS should agree on the date to close down the Web interface for notification purpose. The ports shall have access to SSN information in accordance with the access right given, but unfortunately this is not the case today.

He also mentioned the discussion that takes place for setting up a European LRIT data centre and the good progress of the work. One important part of the LRIT system is how we will safeguard the information.

Mr. Hallberg also mentioned the cooperation with the third countries and especially Russia, where a meeting will take place in September 07 to discuss about SSN.

Mr. Patrik Vankerckhoven represented the Commission on maritime security issues.

III. USERS REQUIREMENTS ISSUES

Three sessions covered the STIRES Project background, the situation in current EU regions and draft EMSA SRIT Pilot Project proposals for development of the EU server.

III.1 SSN 7/8/4 - STIRES: 1st Experts' Review & technical meeting

EMSA introduced the latest version of the STIRES Report on the Website as background to this 2nd Review, with an explanation of the process and that actions identified during previous meetings would be dealt with in the next presentation. SAAB followed with a summary of the STIRES study and system overview.

III.2 SSN 7/8/3 - STIRES: Executive Summary

Following a presentation summarising the outcomes of the study and bearing in mind the previous paper, there were no clear objections to draft plans for a future EMSA SRIT pilot project. On the whole, the presentations were well received with a number of positive comments and suggestions made by the MS. The main issues raised were:

- Differences of opinion were expressed over whether the EU system structure should be based upon use of the regional EU networks or upon the creation of an EU server without regions. EMSA proposed allowing the flexibility to include connection with regions and individual MS in any future project to develop the SRIT node.

- Norway proposed the possibility of an additional region in the Norwegian Sea/North Atlantic area/Barents sea, and will take steps to ensure possible collaboration with relevant parties in this area.
- The importance of correlating the AIS data with data received by other sensors (such as radar) and its integration within VTS/MRS systems.
- Some MS challenged the proposed update rate at the EU server of one hour. EMSA agreed that further flexibility was required; subject to further review in view of the possibility of AIS data being agreed as complementary/interchangeable with LRIT satellite data.
- Recognition of AIS data equivalency with LRIT if agreed would have important impacts upon AIS network development.

It was affirmed necessary that in any future SRIT pilot project for the data distributed to reflect those messages already used by MS in their existing regional networks thereby using their valuable experience and in order for them to incorporate, use and display the data relayed to them in the most effective way possible. The rates for data storage/replay at the SRIT or EU node could be different from that distributed or streamed in real-time to the MS and there would need to be some flexibility on this. This would depend upon the practical storage capacity and replay efficiencies. AIS/LRIT complementarities though a separate issue and once evaluated, would inevitably impact upon the system requirements. From this perspective a data rate of up to 15 minutes was indicated for the purposes of providing an LRIT-like polling functionality.

Once the results and experience of the pilot project could be assessed, it would be necessary to reconsider the above issues including related costs and benefits in the context of strategies for the future development of the EU-wide network. For example, economically and for several other reasons it would be better to have one central point for the collection of AIS data, but with a division (logically) into separate regions.

Given a future decision by EMSA to proceed with an SRIT Project, the opportunity would be given to the MS to comment on the specifications during SSN 8, before the project's commencement.

Based upon comments at the meeting, an updated Executive Summary of the report would be made available on the EMSA website.

III.3 SSN 7/3/3 - EMSA/Germany meeting

This was taken as an example of an *ad hoc* meeting useful for general understanding and exchange of views, beneficial for all of the MS. EMSA should host similar meetings at the MS' request.

The group agreed that:

- a. There is a need to phase out the options by which the Article 13 Hazmat manifest response could be satisfied by telephone or by facsimile. It would however still be necessary to define a future date when this change would apply.
- b. The "Technical Name" definition was adopted for an amendment to the XML RG.
- c. EMSA through the Commission will develop a proposal for the COSS aimed at providing necessary amendment to Annex I of Directive 2002/59.
- d. The proposals on units of weight were considered to provide a useful clarification. The issue was presented also in the "Operational and Technical" group. This issue will be further discussed at the next ISWG 5, in order to be implemented in the framework of SSN v2.

III.4 SSN 7/3/6 - Single Hull tankers: Pilot Project

EMSA provided an update on the latest developments on the lists provided by EMSA and of how the MS could obtain/download this information for their own use. It was emphasised that the list was "not a banned ship list" but was intended as an information tool for use by Port State Control authorities.

The group agreed that:

- a. The SHT list will be made available at the EMSA web site. MS are welcome to use this information if and where necessary.
- b. France would use the list in their national system and will report the results to SSN 8.

III.5 SSN 7/4/8 - Commissioning Report

The participants noted the information provided in the paper.

III.6 SSN 7/3/8 - Notification of Exemptions

The implementation of exemptions under Articles 4, 13 and 15 was recognised as a policy issue to be dealt with by the COSS.

A group of three MS (France, Ireland and the UK) agreed to consider the issues by correspondence and to forward its proposals to the COSS through the SSN Workshop Group. This will include recognition of the technical impacts created as a consequence of its potential future implementation.

III.7 Other Business

III.7.1 Identification of LCAs by the MS (also dealt with under SSN 7.4.1)

EMSA announced its intention to submit a paper for SSN Workshop 8, aimed at providing a final clarification of this issue.

III.7.2 WETREP

At the request of the Chairman, MS participating in the WETREP system provided a brief update of their work. A formal document approved by the West European PSSA Co-ordination Committee will be submitted during SSN8.

IV. OPERATIONAL & TECHNICAL ISSUES

IV.1 SSN 7.3.1 - ICD Communication Requirements

EMSA presented the document that proposed to complete the ICD regarding the Communication requirements. The proposal is the response to the comments received from France in document SSN 6/3/1.

The participants exchanged views summarized as follow:

- GR and UK recalled that it was confirmed by the COM during a previous meeting (SSN6) that «*the SSN Group were not to work on the ICD any further until the Commission had reviewed the document for "legal concerns"*»
- It was noted by NL that the proposed retry period of 2 min is too short, 5 min would be more adapted.

- Participants noted an interest for the development of "watchdog" functionality in order to measure the availability of the connection between the NCAs and the EIS. The communication "availability" was also discussed and the value of 99.6% was proposed by GE.
- Several participants noted it is the responsibility of the MS to guarantee that the messages forwarded by the NCAs, comply with the XML Reference Guide. That necessitated implementing appropriate checks at the NCA.
- GR suggested: "the change resulting of the current discussion will be incorporated in a next version of the ICD subject to the validation process agreed by the SSN participants".

The group agreed that:

- a. the communications specifications and the communication availability need to be further analysed by experts in the framework of the next ISWG 5;
- b. the ISWG 5 will review the document SSN 7/3/1 and integrate the comments provided by the group; and
- c. ISWG 5 will report on the result to the SSN 8.

IV.2 SSN 7.3.2 - Presentation of XML MRG v1.63

EMSA presented the document SSN 7/3/2 that propose to improve the presentation of the changes applied into the XML Reference guide. Several MS noted in parallel of the presentation a need for revisiting the XML RG in order to fix all the inconsistencies with the XML Schema. The result of the exchange of views was:

- it is the task of EMSA to undertake that work;
 - the XML Messaging Reference guide should be renamed as Messaging Reference guide (MRG);
 - the objective of the work will be to redefine the Xml schema and correct accordingly the MRG, that work must be undertaken in the context of a new version of SSN V2, due to the quite long process of the work, it is suggested that EMSA prepare a methodology document.
- a. The group agreed for modifying the document in accordance with the EMSA recommendation. EMSA is requested for implementing the change.
 - b. The group requested EMSA for preparing a methodology for the development of a new XML Schema and a revised version of the MRG for presentation at a later date.

IV.3 SSN 7.3.4 - Combined Locode ERI -SSN

As a result of the ISWG 4, the NL presented a revised proposal for the integration of the RIS Directive 2005/44/EC, and the RIS technical guideline in order to improve the interfacing with SSN. EMSA confirmed the change will not create any impact for the MS not willing modifying their application. GR requested to modify the document in order to insert a table with the definition of the message structure.

- a. The group agreed with the EMSA proposal as revised during the meeting by the NL (see document SSN 7/3/4 rev 1 at the EMSA web site).
- b. EMSA and the MS will implement the change in SSN V2.

IV.4 SSN 7.3.5 - SafeSeaNet "Data quality" methodology

EMSA recalled the importance of that issue and presented the outcomes of the ISWG 4. The revised terms of reference reviewed by the ISW group was commented, the list of participants to the Technical Working Group (TWG) was presented and a proposed template was also introduced.

The participants agreed on the proposal regarding the establishment of regular meetings (maximum 3) in order to be able to deliver a consolidated document to WS 9.

The group agreed that:

- a. a first meeting will take place early in September and a second will be planned the day before the ISWG 5. A tentative date will be proposed by the TWG leader,
- b. a first draft will be delivered at WS 8,
- c. the final guideline document will be delivered at WS 9.

IV.5 SSN 7.4.1 - Message identification

EMSA presented the document 7/4/1 recalling the Security strategy in place and defined within the technical documentation of the system. The document is justified by the resulted analysis of the messages exchanged within the system that indicate 68% of the message identifier are the NCA userId. The system specifications of SSN as defined and agreed by the MS request that each actor must be authenticated and their UserId must be inserted in the header of each message exchanged with the system in order to ensure the access rights of the data.

The participants exchanged opinions were:

- GR noted the specification is not justified for the Notification message ,
- UK noted a need for identifying a LCA as a body and not as an individual actor,
- FR and NL informed that their systems are compliant with the current specifications and they don't support any change,
- IE informed that they developed their application on the NCA principle but they will address the issue of modification as soon as there is a clear statement to that effect,
- DE take care of their own users and the authentication is done by the NCA system. DE finds it OK to have the NCA as the requester in SSN,
- NL is in line with UK, they require identification of the requesting authority or entity
- DG TREN commented that according the agreement of the MARSEC Committee, MSs need to know the identity of the entity that is requesting information from SSN

The Commission recalled the security strategy was discussed in the MARSEC and COSS committees and the constraint of identification of the users will increase due to the nature of confidentiality of the "security" message.

The group considered that the current specifications of SafeSeaNet were designed in accordance with the security requirements provided by the MS and must be respected. However, this issue will be clarified at SSN 8 as described in paragraph III.7.1.

IV.6 SSN 7.4.2 - Alerts distribution

The document was presented by EMSA and the ISWG and proposes the development of an alert distribution service performed by the SSN system in order to assist the MS to be compliant with Art.16 of the VTMS directive (2002/59/EC).

It was noted from the discussion:

- GR recalled that according to a document submitted by the COM in a previous COSS meeting, existing SSN web interface should be subject to an expiry deadline. Since this proposal is not in line with Para 2.3 of the document, GR suggested to call the attention of the Commission in order to continue the service of the web interface regarding the request of information.
- UK informed participants about a similar functionality already developed in their system and they expect to have at least the same in SSN. That functionality is based

on the automation of the service that they have implemented for a LCA to notify the SSN core with the Alert Notification and the core will forward automatically the Alert message to the NCAs end users based on the planned route of the ship and then return to the LCA provider a receipt message (acknowledgement).

The group agreed the following:

- a. to modify the proposal in accordance with the UK suggestion to make the “automation of the Alert distribution” an optional functionality. The GR remark regarding the term “signed” will be taken into account.
- b. to develop a pilot project for alert distribution as proposed with the optional functionality proposed by UK. The pilot project application will be developed in the framework of SSN V 1.9 and has no impact to the MS applications since will be provided through the web interface.

IV.7 SSN 7.4.4 - SSN new functionalities: Area Search & Vessel Tracking

The document was presented by EMSA and aims to introduce two new functionalities in SSN. The participants expressed their opinion summarised as follow:

- a group of MS confused the proposal with the STIRES project.
- MS having already developed their own GIS application didn't support that proposal, arguing that the proposal does not provide any additional added value
- Other MS raised the issue of the cost and the technical difficulty for developing such functions (GE) or the legal impact that would request the opinion of the COSS.
- ES, BL, DK, IR, NL expressed their support to the proposal and noted it will provide valuable functionalities for the countries not well advanced in that domain.

The group recommended not to use the term of “new functionalities” that can create confusion. The group agreed that the proposal will provide valuable functionalities for the MS and is an improvement of the system.

The group agreed:

For EMSA to develop the proposed functionalities in the framework of a pilot project accessible from the default web interface. The modification should not impact the MS interfaces and the cost will be limited.

IV.8 SSN 7.4.5 - SSN version 1.9

The purpose of the document 7/4/5 presented by EMSA was to report on the progress made on SSN v1.9. EMSA informed participant on the on going migration of data that request manual operation and make the process much longer as expected. NL noted the expected date for the hand over is week 23, that is in the middle of the summer period. NL requested to avoid any change during that period.

GR asked whether the existing electronic certificate will remain valid with the new version. EMSA confirmed it will not impact the certificate currently in use.

NL requested to be notified by email that the procedure for requesting the electronic certificate is now available.

IV.9 SSN 7.4.9 - Role of the MSRefId attribute

EMSA presented the document 7/4/9. The document was discussed in the framework of the ISWG 4.

The participants agreed on the proposal regarding the uniqueness of the MSRefID attribute.

The proposal regarding the new warning status code received a global agreement but GR noted that the current proposal is mixing technical and operational codes in a same message. It was also requested that the warning code would not create any additional operational obligation for the MS.

The proposal will be implemented in a coming release of SSN 1.9 and documented in the technical documentation and the ICD in accordance with the MS comments.

Participants expressed their reserve regarding the use of the MSRefId for identifying each message in SSN and therefore for using that attribute for requesting the notification details. MS noted that the expected result of a request is to receive the last notification available in SSN and not an aged out notification.

The group agreed that:

- a. The ISWG 5 will analyse the duality of the Request mechanism to apply in SSN between the two following result:
 - SSN core should provide in return the details of the corresponding notification for which a user send a request or,
 - SSN core should provide the last notification available at the moment of the reply.and report to SSN WS 8;
- b. The proposal will be implemented in a coming release of SSN 1.9 and documented in the technical documentation and the ICD in accordance with the MS comments.

IV.10 SSN 7.3.7 - AIS data reliability

The representative of FR presented the conclusion of the study on the AIS data conducted by the French maritime affairs during March and April 2007.

The group noted with interest the high percentage of incorrect data transmitted by the system. The ESPO representative recalled that a number of fields in the AIS message are not mandatory in accordance with the current IMO requirements.

The group recognized the need to encourage improvement in the AIS system and for supporting the work performed by IALA in that domain.

The group recommended contacting the PMoU secretariat, but not only after having first analysed in detail the issue of the mandatory/non mandatory fields in the AIS message.

The group agreed that:

EMSA would study the mandatory/non-mandatory AIS data issue and report the results to the next SSN WS.

IV.11 SSN 7.4.6 - Access rights: report on implementation

The purpose of that document, presented by EMSA, was to report on the progress of the implementation of the revised matrix of access rights.

UK commented on the need to extend in the future the set of roles in order to consider other applications or users of SSN e.g. customs, justice, etc...

GR requested the confirmation of the current role and attached access rights for the NCA. EMSA confirmed that request.

Following to a relative request submitted by Greece, EMSA clarified that according to current SSN documentation EMSA National Competent Authorities as well as Port State

Control Authorities may be granted with access to all vessels' reports and all alert messages exchanged through SSN.

IV.12 SSN 7.4.7 - AIS message: report on implementation

EMSA presented the document 7/4/7 regarding the progress made for the simplification of the AIS message as agreed by the MS in the previous WS.

NL noted that the value "0" is the default value of the IMO data field.

Participants noted that the correction would affect their XML interface.

IV.13 Other Business

During discussions on document SSN 7.4.7, the group agreed that EMSA will compile a list of corrections that will be submitted to the MS in the framework of the change management plan.

V. STATUS AT NATIONAL LEVEL

V.1 SSN 7/5/1 - Status in MS

The results indicated that significant progress has been made, but there still many actions to be implemented by MS to achieve full compliance with SSN Directive requirements. EMSA announced that it would continue providing the monthly reports on system activity and invited MS to provide their views for any further improvement.

The Netherlands informed that their Vessel Traffic Control Centre will be the responsible NCA for single point of contact with SSN.

VI. ADMINISTRATIVE ISSUES

VI.1 System management

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VII. SYSTEM ASSESSMENT AND EVOLUTION

VII.1 SSN 7.7.1 – SSN Version 2.0

The group noted the EMSA planning regarding the further evolution of SSN V.2.

VII.1 SSN 7.7.2 - LRIT Long Range identification and Tracking

EMSA presented the current situation of the LRIT system in course of development in IMO and a summary of the actions undertaken by the Commission and EMSA in order to study the possible establishment of a European LRIT data centre.

The planning of the future activities in IMO and EC was communicated. The participants were invited to note the next Engineering working group meeting in which the system specifications are developed and the interest for attending such a meeting.

VIII. ANY OTHER BUSINESS

VIII.1 SSN 7.8.1 - MSS

EMSA presented the proposed tasks of the new Maritime Support Services (MSS) and also the new staff members recently recruited for this service. The MSS will be implemented following a phased approach till it becomes fully operational on a 24 h/24h basis (2008).

The participants were invited to note this new service and co-operate in its operation. A report regarding the MSS activity will be regularly distributed to the MS.

VIII.2 SSN 7.8.6 - Metadata on ship movements in European ports and terminals

The document was presented by EMSA (Unit E) reporting the current situation of the study and the visits conducted up to this time.

The participants were invited to provide support to the team conducting the visits to the MS's ports.

VIII.3 Future meetings

Tentative dates were set for future meetings in 2007 including:

- SSN ISWG 5 - 21st September 07
- SSN W8 - 24th/25th October 07

Workshop Conclusions / Follow-up Actions

The workshop conclusions and the follow-up actions are indicated in the attached Annex 4.

Annexes

- Annex 1 - List of participants
- Annex 2 - List of documents
- Annex 3 - Workshop Agenda
- Annex 4 – Action items from SSN 7

Annex 1 - Attendance List

Country	Name	First Name	Organisation	E-mail	Attendance 31/05	Attendance 01/06
Belgium	Deman	Johan	Flemish Maritime Administration	johan.deman@schelderadar.net		
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Bulgaria	Ivanov	Petar	Bulgarian Maritime Administration	peter_iv@marad.bg		
Cyprus	Evriviades	Themis		tevriviades@dms.mow.gov.cy		
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Ireland Fenson Stephen Dept. of Communications, Marine & Natural Resources




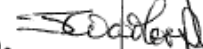
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Annex 2 – List of SSN 7 documents

- SSN 7.1.1 Draft agenda
- SSN 7.1.2 Detailed agenda
- SSN 7.1.3 Minutes of SSN 6
- SSN 7.1.4 Communication of the report of the ISWG 4

- SSN 7.3.1 ICD Communication Requirements **(PRA)**
- SSN 7.3.2 Presentation of XmlMRG v1.63 **(LAM)**
- SSN 7.3.3 EMSA/Germany meeting **(DE)**
- SSN 7.3.4 Combined Locode ERI-SSN **(NL)**
- SSN 7.3.5 SafeSeaNet "Data quality" methodology **(AdHoc Group)**
- SSN 7.3.6 Single Hull Tankers: pilot project **(PCA)**
- SSN 7.3.7 AIS data reliability **(FR)**
- SSN 7.3.8 Notification of Exemptions **(UK)**

- SSN 7.4.1 Message identification **(YTE)**
- SSN 7.4.2 Alerts distribution **(RKJ)**
- SSN 7.4.3 MS Commissioning Test Plan document **(MLI)**
- SSN 7.4.4 SSN new functionalities: Area Search & Vessel Tracking **(EMSA)**
- SSN 7.4.5 SSN version 1.9 **(NKO)**
- SSN 7.4.6 Access rights: report on implementation **(LAM)**
- SSN 7.4.7 AIS message: report on implementation **(LAM)**
- SSN 7.4.8 Commissioning tests report **(MLI)**
- SSN 7.4.9 Role of the MSRefId attribute **(PRA)**

- SSN 7.5.1 Status in M.S. **(MS)**

- SSN 7.7.1 SSN version 2.0 **(LAI)**
- SSN 7.7.2 LRIT Long Range Identification and Tracking **(YTE)**

- SSN 7.8.1 Maritime Support Services (MSS) **(MLI)**
- SSN 7.8.2 The Baltic AIS trial **(HELCOM)**
- SSN 7.8.3 STIRES: Holistic view of the situation today **(SAAB)**
- SSN 7.8.4 STIRES: 1st Experts' Review & technical meeting **(PWI)**
- SSN 7.8.5 STIRES: Regional VTMISS for the Norwegian Sea/North Atlantic Area **(NO)**
- SSN 7.8.6 MSA study on "metadata for ship movements in European ports" **(BCO)**

Annex 3 – Agenda

DRAFT AGENDA OF THE SSN WORKSHOP 7 31 MAY & 1 JUNE 2007 (9:30 – 17:30)

I. INTRODUCTION

1. Approval of the agenda
2. Approval of the minutes of the previous meeting

II. INPUT FROM THE COMMISSION

SafeSeaNet policy, legislative initiatives and any other relevant issue

III. SAFESEANET USERS REQUIREMENTS

1. Interface Control Document (ICD)
2. Network and messaging
3. Security
4. Other

IV. OPERATIONAL & TECHNICAL ISSUES

1. Adaptive / corrective maintenance
2. System functionality
3. SSN new development
4. Commissioning test
5. Other

V. STATUS AT NATIONAL LEVEL

1. Member States' current situation

VI. ADMINISTRATIVE ISSUES

1. System management
2. Other

VII. SYSTEM ASSESSMENT AND EVOLUTION

1. System assessment
2. System evolution
3. STIRES study

VIII. ANY OTHER BUSSINESS

DETAILED AGENDA

OF THE SSN WORKSHOP 7 (31 MAY & 1 JUNE 2007)

Day 1 : Thursday 31/05/2007			
09:00 – 09:30	Registration and coffee		
09:30 – 11:00	Morning session 1 (Plenary) Opening / Introduction (EMSA – EMB) SSN 7.1.1 Draft agenda (EMSA - LAI) SSN 7.1.2 Detailed agenda (EMSA - LAI) Input from the Commission (COM) SSN 7.1.3 Approval of the SSN 6 minutes (EMSA - LAI) SSN 7.1.4 Communication of the report of the ISWG 4 (EMSA - YTE)		
11:00 – 11:15	Coffee Break		
11:15 – 12:45	Morning session 2 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> SSN Users Requirements STIRES study SSN 7.8.4 (1st Experts' Review & technical meeting) (EMSA - PWI) Follow-up of above and system overview (SAAB) </td> <td style="width: 50%; vertical-align: top;"> SSN Operational & Technical SSN 7.3.1 (ICD Communication Requirements) (EMSA-PRA) SSN 7.3.2 (Presentation of XmIMRG v1.63) (EMSA-LAM) </td> </tr> </table>	SSN Users Requirements STIRES study SSN 7.8.4 (1st Experts' Review & technical meeting) (EMSA - PWI) Follow-up of above and system overview (SAAB)	SSN Operational & Technical SSN 7.3.1 (ICD Communication Requirements) (EMSA-PRA) SSN 7.3.2 (Presentation of XmIMRG v1.63) (EMSA-LAM)
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12:45 – 14:15	Lunch		
14:15 – 15:45	Afternoon session 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> SSN Users Requirements STIRES study SSN 7.8.3 (System overview) (SAAB/EMSA) SSN 7.8.5 (Norway) Other Regions status (Helcom, North Sea, Med, Black Sea) </td> <td style="width: 50%; vertical-align: top;"> SSN Operational & Technical SSN 7.3.4 (Combined Locode ERI-SSN) (NL) SSN 7.3.5 (SafeSeaNet "Data quality" methodology) (AdHoc Group) </td> </tr> </table>	SSN Users Requirements STIRES study SSN 7.8.3 (System overview) (SAAB/EMSA) SSN 7.8.5 (Norway) Other Regions status (Helcom, North Sea, Med, Black Sea)	SSN Operational & Technical SSN 7.3.4 (Combined Locode ERI-SSN) (NL) SSN 7.3.5 (SafeSeaNet "Data quality" methodology) (AdHoc Group)
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15:45 – 16:00	Coffee Break		
16:00 – 17:30	Afternoon session 2 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> SSN Users Requirements STIRES study Planning/Roadmap for future developments (EMSA-PWI) </td> <td style="width: 50%; vertical-align: top;"> SSN Operational & Technical SSN 7.4.1 (Message identification) (EMSA-YTE) SSN 7.4.2 (Alerts distribution) (EMSA-RKJ) </td> </tr> </table>	SSN Users Requirements STIRES study Planning/Roadmap for future developments (EMSA-PWI)	SSN Operational & Technical SSN 7.4.1 (Message identification) (EMSA-YTE) SSN 7.4.2 (Alerts distribution) (EMSA-RKJ)
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17:30	End of Day 1		

Day 2 : Friday 01/06/2007					
09:00 – 09:30	Registration and coffee				
09:30 – 10:45	<table border="1"> <tr> <td colspan="2">Morning session 1</td> </tr> <tr> <td> SSN Users Requirements SSN 7.3.3 (EMSA/Germany meeting) (DE) SSN 7.3.6 (Single Hull Tankers: pilot project) (EMSA-PCA) </td> <td> SSN Operational & Technical SSN 7.4.4 (SSN new functionalities: Area Search & Vessel Tracking) (EMSA) SSN 7.4.5 (SSN version 1.9) (EMSA-NKO) </td> </tr> </table>	Morning session 1		SSN Users Requirements SSN 7.3.3 (EMSA/Germany meeting) (DE) SSN 7.3.6 (Single Hull Tankers: pilot project) (EMSA-PCA)	SSN Operational & Technical SSN 7.4.4 (SSN new functionalities: Area Search & Vessel Tracking) (EMSA) SSN 7.4.5 (SSN version 1.9) (EMSA-NKO)
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SSN Users Requirements SSN 7.3.3 (EMSA/Germany meeting) (DE) SSN 7.3.6 (Single Hull Tankers: pilot project) (EMSA-PCA)	SSN Operational & Technical SSN 7.4.4 (SSN new functionalities: Area Search & Vessel Tracking) (EMSA) SSN 7.4.5 (SSN version 1.9) (EMSA-NKO)				
10:45 – 11:00	Coffee Break				
11:00 – 12:45	<table border="1"> <tr> <td colspan="2">Morning session 2</td> </tr> <tr> <td> SSN Users Requirements Status at National Level SSN 7.4.8 (Commissioning report) (EMSA-MLI) SSN 7.5.1 (Status in MS) (MS) SSN 7.3.8 (Notification of Exemptions) (UK) </td> <td> SSN Operational & Technical SSN 7.4.9 (Role of the MSRefId attribute) (EMSA - PRA) SSN 7.3.7 (AIS data reliability) (FR) SSN 7.4.6 (Access rights: report on implementation) (EMSA-LAM) SSN 7.4.7 (AIS message: report on implementation) (EMSA-LAM) </td> </tr> </table>	Morning session 2		SSN Users Requirements Status at National Level SSN 7.4.8 (Commissioning report) (EMSA-MLI) SSN 7.5.1 (Status in MS) (MS) SSN 7.3.8 (Notification of Exemptions) (UK)	SSN Operational & Technical SSN 7.4.9 (Role of the MSRefId attribute) (EMSA - PRA) SSN 7.3.7 (AIS data reliability) (FR) SSN 7.4.6 (Access rights: report on implementation) (EMSA-LAM) SSN 7.4.7 (AIS message: report on implementation) (EMSA-LAM)
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12:45 – 14:15	Lunch				
14:15 – 15:45	Afternoon session 1 (Plenary) SSN 7.8.6 (MSA study on "metadata for ship movements in European ports") (EMSA-BCO) SSN 7.7.1 (SSN version 2.0) (COM/EMSA-LAI) SSN 7.8.2 (The Baltic AIS trial) (FI)				
15:45 – 16:00	Coffee Break				
16:00 – 17:00	Afternoon session 2 (Plenary) Conclusions of the working groups SSN 7.7.2 (LRIT Long Range identification and Tracking) (EMSA-YTE) SSN 7.8.1 (Maritime Support Services (MSS)) (EMSA-MLI)				
17:00	End of Day 2				

Annex 4 - Action items from the SSN 7 Workshop

I. ACTION ITEMS FOR THE MEMBER STATES

S/N	Section	Topic and Action
1	I.3	Greece will submit a contribution to SSN 7 on the use of the Electronic signature.
2	I.3	Greece and other volunteer MS would provide a contribution justifying the need for the additional criteria.
	II.1	Agree on a date to close down the Web interface for notification purpose.
3	III.4.a	The SHT list will be made available at the EMSA web site. MS are welcome to use this information if and where necessary.
4	III.4.b	France will use in their national system and report the results to SSN 8.
5	III.6	A group of three MS (France, Ireland and the UK) agreed to consider the issues by correspondence and to forward its proposals to the COSS through the SSN Workshop Group. This will include recognition of the technical impacts created as a consequence of its potential future implementation.
6	III.7.2	MS participating in the WETREP will submit a formal proposal for a protocol between EMSA and WETREP participating MS for the exchange of relevant reported data.
7	VIII.2	The participants were invited to provide support to team conducting the visits to the MS's ports in the framework of the study Metadata on ship movements in European ports and terminals.

II. ACTION ITEMS FOR THE EMSA

S/N	Section	Topic and Action
1	I.3	Implement in SSN V1.9 the 2 way SSL.
2	III.2	SRIT project specifications.
3	III.3.a	Suggest a future date to phase out the options by which the Article 13 Hazmat manifest response could be satisfied by telephone or by facsimile.
4	III.3.b	Amendment to the XML RG to include the "Technical Name" definition.
5	III.3.c	EMSA through the Commission will develop a proposal for the COSS aimed at providing necessary amendment to Annex I of Directive 2002/59.
6	III.7.1	Submit a paper for SSN Workshop 8 with a final clarification on the issue of Identification of LCAs by MS.
7	IV.1.b	The ISWG 5 will review the document SSN 7/3/1 (ICD Communication Requirements) and integrate the comments provided by the group and will report on the result to the SSN 8.
8	IV.2.a	Implement the presentation of the changes applied into the XML reference Guide.
9	IV.2.b	Prepare a methodology for the development of a new XML Schema and a revised version of the MRG.

S/N	Section	Topic and Action
10	IV.3.b	EMSA and the MS will implement the change in the Locode structure in SSN V2.
11	IV.4.b	Present a first draft of the "Data Quality" methodology at WS 8.
12	IV.6.a	Modify the proposal in accordance with the UK suggestion to make the "automation of the Alert distribution" an optional functionality.
13	IV.6.b	Develop a pilot project for alert distribution as proposed with the optional functionality proposed by UK. The pilot project application will be developed in the framework of SSN V 1.9 and has no impact to the MS applications since will be provided through the web interface.
14	IV.7	Develop the proposed functionalities (Area search & Vessel tracking) in the framework of a pilot project accessible from the default web interface.
	IV.9.b	Implement the new warning status code in a coming release of SSN 1.9 and documented in the technical documentation and the ICD in accordance with the MS comments.
15	IV.10	Analyse the AIS specifications (IMO/IALA) and report to the next SSN WS.
16	IV.13	Compile a list of corrections that will be submitted to the MS in the framework of the change management plan.
	VIII.1	Regular report to the MS regarding the MSS activity.

III. ACTION ITEMS FOR THE ISWG

S/N	Section	Topic and Action
	III.3.d	Present a proposal for the Hazmat message, following the recommendations agreed during the SSN 7, in order to be implemented in the framework of SSN v2.
1	IV.1.a	Further analyse the communications specifications and the communication availability in the framework of the next ISWG 5.
2	IV.9.a	Analyse the duality of the Request mechanism to apply in SSN in the ISWG 5 and report to SSN WS 8.