

SSN Workshop 14

Lisbon 20-21 October 2010

VMS and VTS (radar) pilot project updates

1

A large, dark blue ocean wave is breaking, with white foam visible at the crest. The background image is partially obscured by a semi-transparent white box containing text.

Lisbon, 21th October 2010

Introduction

SafeSeaNet pilot projects on maritime surveillance:

- **Vessel Maritime System for fisheries control (VMS) / SSN synergies**
 - To investigate and exploit the synergies between SSN and the FMCs of the Member States
 - To create interfaces between them resulting in more effective operations as well as reduced costs.
- **VTS – Radar through SSN**
 - to test the potential for exchange of radar-based, VTS-type information between a group of MSs; thereby proving the practicality and the value of trans-frontier exchanges.

France, Italy and Spain participates in these pilot projects.

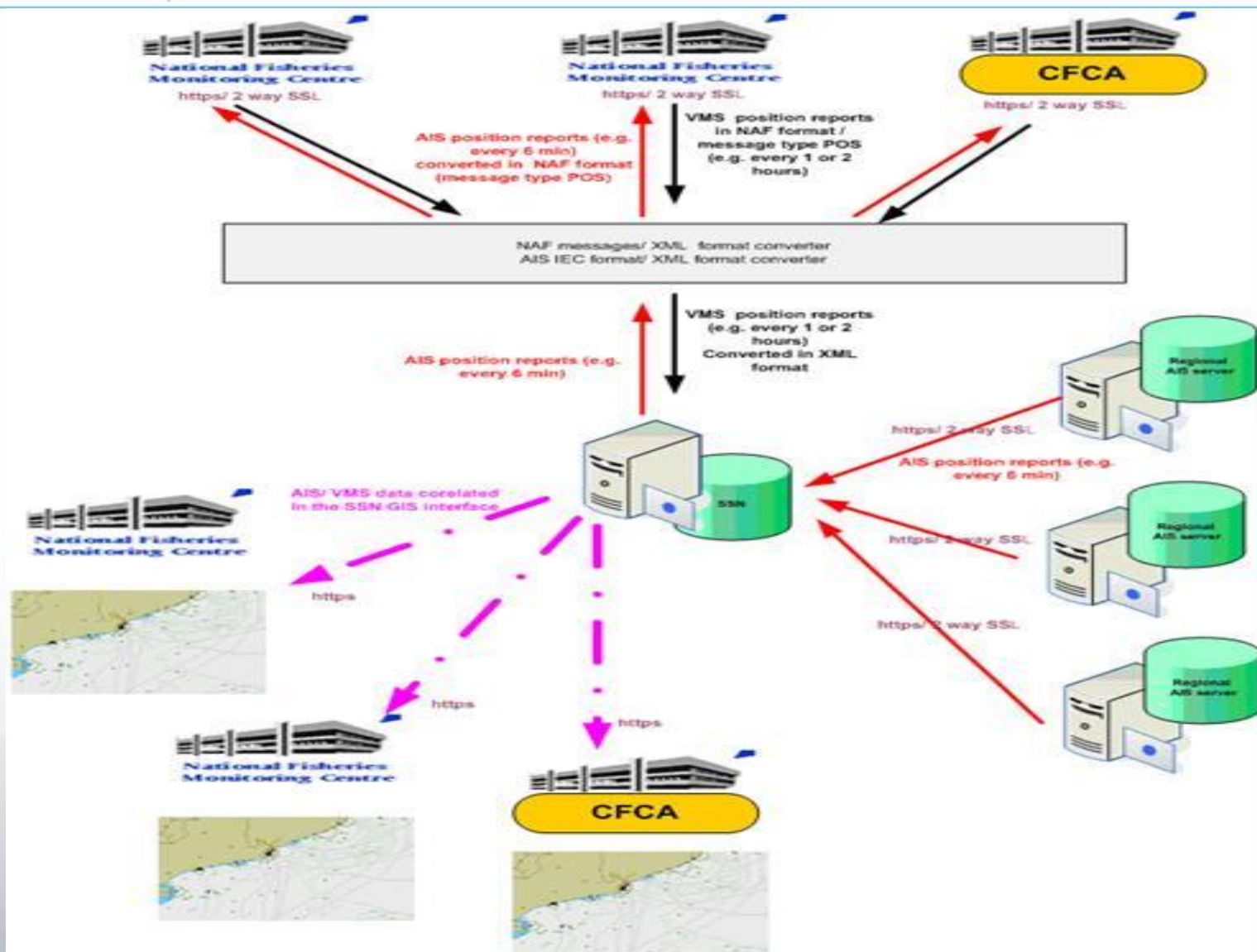
SSN/VMS PILOT PROJECT

- **Objectives**

- The specific objectives of the SSN/VMS pilot project are to evaluate the synergies between SSN and VMS

- **Background information**

- SSN/VMS pilot project issues have been discussed and agreed during several meetings, the latest ones were:
 - Directors meeting on maritime surveillance pilot projects (Lisbon, 10 March 2010);
 - Technical Working Group meetings on pilot projects for maritime surveillance (Madrid, 31 May 2010);
 - 3rd SSN HLSG meeting (Brussels, 3-4 June 2010).



SSN/VMS pilot project phases

- **Phase I – Preparation**
 - confirmation and validation of the information needed for the launching of the pilot project.
- **Phase II - Technical implementation and testing**
 - implementation of the pilot project and testing
- **Phase III – Operations**
 - gathering experience based on the daily operations
- **Phase IV - Assessment and analyses**
 - participants will analyse and assess the impacts and effectiveness

Current status: The pilot project is currently in its Phase II. There is no development foreseen for MSs. This phase is expected to be completed by mid 2011 (June is the target date).

SSN/VTS PILOT PROJECT

- **Objectives**

- The overall objective will be to exchange radar data through SSN for
 - maritime safety, security, counter-pollution, border surveillance and fisheries management.
 - Frontex is the EU Agency with greatest interest in radar data.

- **Background information**

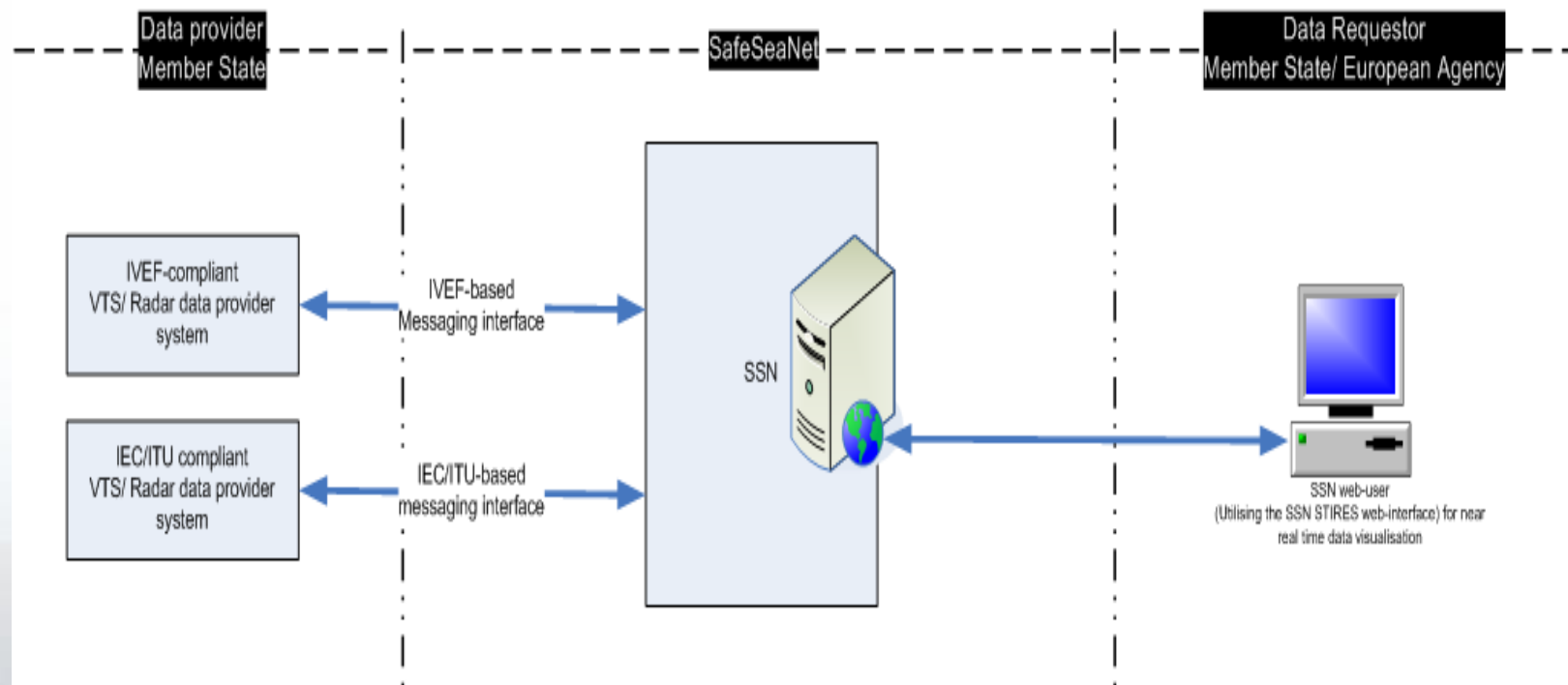
- EMSA had three meetings with participating Member States' experts (Paris 29 June 09, Vigo 4 December 09 and Madrid, 31 May 2010) discussing the pilot project and associated technical issues.
- The operational concept defined by EMSA, Frontex and the participating MSs

SSN/VTS PILOT PROJECT

Current status

- An updated Concept Paper validated at the third meeting on maritime surveillance (Madrid 31 May 2010);
- Common standards for protocols and message contents were established.
- IVEF could be used for the radar exchanges through SSN, with modifications. Spain and France interested.
- Italy interested in using the current IEC standard used in SSN Graphical Interface (SSN GI) and MAREΣ.
- **The following actions were agreed**
 - to perform early testing with Italy (through MAREΣ) providing radar data for unidentified ships to SSN GI;
 - Italy will provide information about the bandwidth with or without the radar data for the group to evaluate the impact on the communication process.

VTS/Radar through SSN



SSN/VTS PILOT PROJECT Conclusions

- The technical specifications and operational concept are ready.
- An initial testing with Italy using MAREΣ started in October 2010
- Further developments on this pilot project will require a formal validation at Maritime Directors' level for the operational and technical proposals.

Actions required

The Members State are invited to note the above information.

10

Thank you

Any Questions?