



CISE¹ - Technical Advisory Group (TAG), meeting 4 of 11+12.05.2011

Minutes

<p>Participants</p> <ul style="list-style-type: none">• Beate Gminder (co-chair)• Alessandra Zampieri (co-chair) <p>TAG members:/ substitutes</p> <ul style="list-style-type: none">• Nicola Carlone (Maritime Safety)• Anders Bogelius (Fisheries Control)• Eduardo Lobo (Border Control)• Connor Shield (Law Enforcement)• Pasi Staff (Defence)• Giovanbattista Raimondi (Defence)• Lawrence Sciberras (EMSA)• Bo Andersen (EUROPOL)• Jani Isometsa (FRONTEX)• Jose Navarro-Garcia (CFCA)• Olivier Plessiet (BLUEMASSMED)• Markus Grönblad (MARSUNO)• Coheleach Fabrice (EDA)	<p>Permanent Observers</p> <ul style="list-style-type: none">• Francesco Vitti (EUMS)• Patricia Romeyro (EUSC) <p>Commission services</p> <ul style="list-style-type: none">• Isto Mattila (MARE)• Thomas Strasser (MARE)• Kontorouchas Christos (MARE)• Guido Ferraro (JRC)• Massimo Mosconi (JRC)• Thomas Barbas (JRC)• Jean-Bernard Erhardt (MOVE) <p>Other Observers</p> <ul style="list-style-type: none">• Diego Falciani (It. Guardia di Finanza) <p>Bernard Garnier (TAG Permanent Secretary)</p>
<p>Location</p> <p>Joint Research Centre of the European Commission - Meeting Room 36B/2 Via Enrico fermi, 2749 I-21027 ISPRA (VA) Italy</p>	
<p>Distribution of minutes</p> <p>For review and approval by TAG Members Approved meeting minutes are available to the general public.</p>	
<p>Agenda</p> <p>➤ The proposed agenda (Appendix 2) was approved.</p>	

¹ Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain.

Agenda Point 1. Opening (Co-Chairs)

- Welcome
- Introduction of new members
- Draft Council conclusions, expected to be published on May 24
- Outcome from the MSEG meeting of May 6
- Financial processes for CISE next steps

Participants were informed about the discussions on CISE which took place in MSEG and in Council. The very supportive draft Council Conclusions, to be adopted at the May Council, provide TAG with a renewed, strong political mandate for the work to be carried out.

Agenda point 2. Step 2A-2B Mapping of Data Sets (Supply, Demand) (Secretary)

The last evolutions of the Data Exchange Matrix were presented and discussed in detail. Some clarifications were proposed, including additional lines to clarify certain situations where data ownership and availability was not immediately comprehensible (as it is the case for positioning data related to different ship types). The accompanying data Dictionary will reflect both these comments and changes.

Still, the discussion shows how complex the data exchange schemes are, and impossible to capture solely in the form of a Table. Each Community is thus invited to summarise in a text document (Template to be provided by the Secretary) the various data collection resources and data repositories they are managing or accessing currently. As appropriate, such information will be added to the Data dictionary by the TAG secretariat.

In terms of Data Demand, it reveals that the above mentioned fine tuning in terms of data sets is necessary as in a number of cases cross-sectoral demand relates to subsets of data. Fine tuning Data sets where appropriate allows eliminating the initial apparent overlap in supply and demand. In other words in a number of cases, demand only relates to a fraction of the whole data set, either systematically or on circumstances driven demand. This must be an important driver of the technical definition of CISE (exchanging the “data grains” needed and not entire repositories when they are not requested).

Agenda Point 3: Introducing Step 3 Matching sensitivity and security levels

The possible methodology for the CISE Roadmap Step3 was detailed. Following points were agreed:

- The CISE data’s sensitivity scale should match the EU standard information security scaling Unclassified, “EU restricted”, “EU Confidential” and “EU Secret” or above. The precise definitions and handling prescriptions will be circulated by the Secretary (2001/844/EC, ECSC, Euratom). All other markings will have to be stated equivalent to one of these.
- The corresponding additional columns will be added in the Data Exchange Matrix for all User Community to agree on a common classification for each data set or subset once exchanged through CISE. It is of course understood that existing classifications as currently applied by User Communities shall remain unchanged. A first assessment was done during the meeting to validate the filling process.
- An important comment is that a Data once released cannot increase its level of classification. This means that the possibly more sensitive additional information attached to it is not part of it but a separate data with distinct protection and exchange rules – e.g. could be an “extension” or “meta-data” of the original data only accessible to the specifically authorised recipients. Conversely this can help managing sensitive data exchanges by splitting the data components and segregating the most sensitive parts.

The Matrix will be re-edited by the Secretary with these new columns, and the information already captured during the meeting.

Agenda Point 4: TAG sixth Month Activity Report

As specified in the TAG Terms of Reference, a brief TAG Activity Report is due every 6 months.

The first of these reports (Period November 2010- April 2011) has been reviewed, discussed and approved by the TAG. It will be posted after final editing on the website by the Secretary. DG MARE will send it to MSEG. It is a public document.

Agenda Point 5: Preparatory activities for defining Step 4 CISE Technical Definition

The Chairs introduced the expected sequential TAG activities to develop the Step4 study as defined in the Roadmap:

- Identifying the essential functionalities to be achieved by the CISE,
- Drafting Terms of Reference for a study meant to define a number of possible technical options,
- Evaluating the pros and cons for each of these options (to be identified in the study) and drafting recommendations to the MSEG,
- Ultimately, working-out the blueprint for the effective development and deployment (separate procurement).

Using the initial formulations distributed² before the meeting, a roundtable discussion allowed to capture a number of useful comments to be considered as essential functionalities:

- In terms of Data Demand, in many cases the access requests only relates to a fraction of the whole data set, either systematically or on circumstances driven by demand. This might require being able to exchange only the specific “data grains” needed and not entire repositories when they are not requested.
- Achieving convergence of symbology and display of data is a real issue (EMSA),
- There are different types of information exchange expectations: some actors have already efficient information systems and expect primarily to access more input data, some don't and expect primarily to access processed information services (SSN is a good example); to elaborate such services, centralised sub-repositories might be useful, while the first type of exchanges is essentially de-centralised, so CISE probably must combine both architectures (BMM)
- Legacy systems are generally centralised. To define an over-arching sharing environment, interfaces must be sought on their two sides: the common one, inspired from already developed exchange systems, not highly complex; and the national ones, specifically designed plug-in to deal with the specificities of legacy systems, developed under each user's responsibility (EDA MARSUR)
- As a consequence, MARSUR is developed as an Open System approach without adherence to the existing military C2³/C4ISR⁴ systems
- Indicatively, MARSUR ROM development cost to date is about 900K Euros for the common side, and an estimated 150 to 400 K Euros for each national interface
- The Fishery User Community is currently developing an “EU Hub” as a mix of centralised and decentralised architecture, to support information exchanges among MSs - which might pre-figure the Fishery user-layer of CISE; in addition a

² CISE initial technical definition - step4 dated 5/2/2011

³ Command and Control

⁴ Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance

- o network for joint fisheries control operations (FishNet) is developed by the CFCA.
- o Generating interoperability by imposing unified Data Models might reveal extremely demanding when having to adapt pre-existing systems; Services Oriented Architecture –based solutions are far easier to deploy (MARSUNO).

Agenda Point 6: Conclusions and Way Ahead

- The work on the table still requires a final review line by line at the next meeting to clear all ambiguities, interpretation differences, need for more precisions etc. prior circulating for a broader assessment within communities. For this purpose, a line by line approach (per data sets) while going through all columns (~ all steps) will be explored.
- The meeting short term action's summary is provided hereafter.

Next meetings:

- The next meeting will be **on Thursday 16 June 10am until Friday 17 June 4pm, in Brussels** (DG Mare premises TBC).
- The following meeting in September will be organised consistently with the MSEG meeting scheduled on Sept 22, including a common working time. Tentatively the TAG meeting is planned in the 21-23 Sept period, exact timing still to be determined.
- The following TAG meetings for 2011 should also cover two days and are planned around:
 - **October 20**
 - **December 1st**
- As already mentioned, TAG Members are invited to also attend the EDA MARSUR and Net Enabled Capabilities demonstrations planned for the **EDA Visitor Day on 30 June in Brussels.**

Action's summary

General:

- The Secretariat will require attendance confirmation well ahead of all meetings. About half of TAG members and observers already registered to the Maritime Forum but others are strongly invited to do so.
- The meeting presentations will be available as private documents through this web site

Steps 2 and 3:

- The Secretariat will circulate the Table produced collectively during the meeting in the days to come, and update accordingly the Document "Reading the Table and Data Dictionary"
- Each User Community will be requested once more to review the Table, double check and adjust the Owning/ Accessing and Demand ticks, and now detail the availability of these Data on the existing EU-Wide and Regional Exchange Networks as well as the information sensitivity ranking (additional columns on the right)

Step 4:

The Secretariat will assemble and circulate a preliminary document collecting all the CISE essential functionalities identified to date to be discussed at the next meeting.

ANNEX 1 TAG Composition 10-03-2010

Technical Advisory Group (TAG) members		
	Members	Substitutes
Co-Chairs		
GMINDER Beate		
ZAMPIERI Alessandra		
Secretary		
GARNIER Bernard		
User Communities		
Maritime safety, security and prevention of pollution caused by ships	CARLONE Nicola	
Fisheries control	BOGELIUS Anders	BOUTS Leon
Marine pollution preparedness and response, Marine environment	GAGO PINEIRO José Manuel (<i>provisionally</i>)	DONNAY Eric
Customs	MANTA Manuela	KASPEREIT Dieter
Border Control	LOBO Eduardo	AHONEN Harri
General law enforcement	SHIELDS Conor	
Defence	STAFF Pasi	RAIMONDI Giovanbattista
Agencies		
CFCA	COMBY Béatrice	NAVARRO G Jose
EDA	COHÉLÉACH Fabrice	MIAS Solon
EEA	MEINER Andrus	
EMSA	BAL Leendert	WOOD James
EUROPOL	ANDERSEN Bo	REITSMA Gjalt
FRONTEX	ISOMETSA Jani	BERGLUND Erik
Pilot Projects		
BLUEMASSMED	PLESSIET Olivier	Ad hoc WG Leader
MARSUNO	GRÖNBLAD Markus	
Other TAG participants (observers)		
EUMilitary Staff – VITTI Francesco EUSatellite Centre – ROMAYRO Patricia EC InterService Group on IMS – maximum 2 people per DG/Service		



EUROPEAN COMMISSION
JOINT RESEARCH CENTRE
Institute for the Protection and Security of the Citizen
Maritime Affairs

**TECHNICAL ADVISORY GROUP TO SUPPORT THE
DEVELOPMENT OF THE COMMON INFORMATION SHARING
ENVIRONMENT (CISE) ROADMAP**

ISPRA (VA, Italia), 11-12 May 2011

Centro Comune di Ricerca – Joint Research Centre

Via E Fermi 2749 – Building 36b - Meeting Room 2

Proposed Agenda

Wednesday 11 May

13.00 Opening (Co-Chairs)

New Members – Agenda Approval – Update on Draft Council conclusions, financial perspectives, MSEG meeting outcome

13.20 **Step 2A-2B** Mapping of Data Sets (Supply, Demand)

- Recent progresses since last TAG meeting and discussion
- New sub-step 2C linking Data sets with Networks – Table filling groups

16.00 Transiting to **Step3**: matching security and sensitivity levels

- Presentation and discussion of the proposed methodology
- Discussion on the number/type of columns to be introduced in table 2
- Filling in the columns proposed above (if time allows)

Thursday 12 May

08.50 Update Day 2 agenda from Day 1 achievements

09.00 Step 3: Continue filling in columns

10:00 Preparatory activities to **Step 4**:

- Review of already identified functional principles of CISE
- Defining the how to go best about preparation and implementation of step 4 within TAG

13.00 6 Months TAG progress report

General conclusions (Co-Chairs)

13.30 End of meeting and lunch

(possibly followed by a brief visit of the Maritime Unit – maritime surveillance hub)