CISE[1] - Technical Advisory Group (TAG), meeting-3 of 10.03.2011

Minutes

Participants

- Beate Gminder (co-chair)
- Alessandra Zampieri (co-chair)

TAG members/ substitutes:

- Nicola Carlone (Maritime Safety)
- Leon Bouts (Fisheries Control)
- Anders Bogelius (Fisheries Control)
- Eric Donnay (Marine Environment)
- Eduardo Lobo (Border Control)
- Robert Light (Customs)
- Jose Gago Pinero (Marine Envt)
- Pasi Staff (Defence)
- Leendert Bal(EMSA)
- Gjalt Reitsma (EUROPOL)
- Jani Isometsa (FRONTEX)
- Erik Berglund (FRONTEX)
- Olivier Plessiet (BLUEMASSMED)
- Eugenio Diaz (BLUEMASSMED)
- Markus Grönblad (MARSUNO)
- Solon Mias (EDA)

Commission services/agencies:

- Isto Mattila (MARE)
- Thomas Strasser (MARE)
- Kontorouchas Christos (MARE)
- Guido Ferraro (JRC)
- Jean-Bernard Erhardt (MOVE)
- Georgy Georgiev (OLAF)
- Agnes Nagy (TAXUD)
- Lawrence Sciberras (EMSA)

Bernard Garnier (TAG Permanent Secretary)

Location

DG MARE - 99 Av Joseph II - Brussels - Main Meeting Room 00/53

Distribution of minutes

For review and approval by TAG Members

Approved meeting minutes are available to the general public.

Agenda

➢ The proposed agenda (Appendix 2) was approved.

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

Agenda Point 1. Opening (Co-Chairs)

➢ Welcome

➢ Approval of the Minutes of 2nd TAG Meeting, then posted on the Maritime Forum

➢ The requests of EUSC and EUMS to attend to the TAG meetings as Observers are accepted

Agenda point 2. Closing of Step1 (Secretary)

The Excel Table amended by the various TAG Members will be now submitted to MS for final control and edition through the MSEG

A census is made of existing networks, with following outcome:

➢ Regional Networks:

- SUCBAS
- SUCFIS[2]
- COASTNET
- SEAHORSE
- MERCURY
- MAREΣ
- Helcom (baltic AIS)
- North sea AIS
- VRMTC
- Baltic Icebraking Management (BIM)/ Baltice.org
- NEAFC control scheme (fishery control North Atl)
- BOSP (wrecks, explosives Baltic)
- GOFREP

➢ European Networks

- SSN/ LRIT EU-DC/ Thetis[3] (Port state control)/ CSN/ IMDatE
- MCCIS (NATO)
- MSSIS (US DoT)
- SIS/VIS/Entry-Exit (Schengen)
- EPN (JORA network on ICONET)
- SEIS (shared Environment Information System)
- CECIS/ProCivNet
- SIENA (Europol)
- e-Customs/ ECS/ ICS/ NCTS
- VMS exchange among FMCs / E-log books
- FIDES (fishery data exchange syst)

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[2] Physical secure network between Sweden and Finland

[3] Extended to Russia, Croatia, Canada

Agenda Point 3: Step 2A Data Supply mapping

Step 2A is a data mapping exercise, which started with a matrix distributed by the Secretary prior to the meeting.

- ➢ The Co-chairs presented the matrix filling exercise, distinguishing between O = data owner and originator, X = data actually accessed.
- ➢ Each Community filled its template on an USB stick
- ➢ Compilation was made during lunch break by DG MARE

The Matrix will be edited by the Secretary together with a Data Definition Dictionary and the proper explanations on the various columns and used methodology:

Agenda Point 4: Technical Presentations on existing/developing secure/selective information exchange platforms

- ➢ Leendert BAL presented the background and structure of SafeSeaNet and the Integrated Maritime Data Environment project (IMDatE), also known as Business Oriented Platform project. The latter aims to integrate various EMSA data services (SSN, LRIT, Satellite AIS, CSN, Thetis…).
  - o SafeSeaNet V2 provides AIS, Port Notifications and HazMat notifications. For Thetis (Port State Control) the actual times of arrival and departure are added.
  - o When completed, the ongoing development of IMDatE will provide in addition:
    - ▪ A single gateway/ Login (underlying a complex User's rights matrix and respecting existing access rights),
    - ▪ Integration of new data sources when available (coastal radars, space AIS…)
    - ▪ Combined views and displays, correlation, extrapolation, alerting… such as integrated ship profiles, area-centric profiles, detection of abnormalities etc.
  - o From a technical perspective, some key points are:
    - ▪ SafeSeaNet is structured in two levels Central/ National,
    - ▪ Central functions are mainly EU Index server and Graphic User Interfaces applications,
    - ▪ SSN uses XML to implement the unified data formats
- ➢ Q&A raised the point that any surveillance approach relying on the declarative data provides mainly the "White Picture" ("the nice guys") - which remains essential to filter out non cooperative targets when they are detected by other means.

- ➢ Eugenio DIAZ presented a progress status of the BlueMassMed Pilot project in terms of:
  - o An overview of the BMM aims and vision,
  - o Global User Expectations, expressed as a number of Principles (what the federating layer should provide and comply with to create the expected benefits within the identified constraints)
  - o User Requirements, expressed in the form of "core services" (those allowing to manage the information sharing and security functions), and "common services" (those providing data exploitation useful for all users such as a Shared Common Basic Maritime Picture – SCBMP – or satellite radar or imagery services etc.)
  - o Architecture views of a distributed network with a reduced number of National Primary Nodes (interlinking national maritime surveillance via the BMM network and providing access to some core services) possibly interfacing more numerous Secondary Nodes (providing access to the available services),
  - o An up-dated workplan as just agreed by all partners, with demos by year end and final recommendations in February 2012.
- ➢ It has been suggested that the TAG future work could also include compiling and assessing such an approach of User Operational Expectations through precise rules and "principles". Some can also be fund in the Wise pen reports and earlier CISE communications.

Agenda Point 5: Step 2B Assessing the Data Demand

- ➢ The same process as for Step2A was then applied to collect the 7 Communities perception of Data Demand – in terms of perceived needs, not just "nice to see"…

- ➢ These additional columns of the Table will be compiled and redistributed after the meeting (Mail and TAG Workspace on the Maritime Forum).

Agenda Point 8: 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, Member States and EU bodies.
- ➢ The meeting short term action's summary is provided hereafter.

Next meeting:

- ➢ The next meeting will be **on May 11 and 12, 2011 in Ispra** (JRC premises). Travels to/from **Milan Malpensa Airport** (**MPX**). Invitation and details, hotels etc. to be circulated well in advance by JRC. The meeting will start at noon on the 11 with a lunch buffet to allow for morning flights arrangements, and end in the early afternoon of the 12 in time for late afternoon and evening flights. Shuttle from/to the airport and hotels will be organised by JRC

- ➢ The following meetings for 2011 are planned as follows:

    - ▪ **June 16**
    - ▪ **Sept 8**
    - ▪ **October 20**
    - ▪ **December 1st**

TAG Members are invited to suggest alternative locations to Brussels if it can provide an opportunity for the TAG to attend as side-event a specific demonstration or visit of direct relevance to CISE (e.g. from the various Pilot Projects Mare, EDA, Frontex…).

- ➢ EDA announced an event related to its activity on Net Enabled Capabilities on **June 30** 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 **Step 2:** • The Secretariat will circulate the Table produced collectively during the meeting in the days to come, together with a note detailing its underlying definitions and assumptions • The Secretariat will develop the Data Dictionary matching the actual table by March 25

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 *(provisionally)*	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 WP Leader
MARSUNO	GRÖNBLAD Markus	
Other TAG participants (observers)		
European Commission Services invited: 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

Brussels, 10 March 2011

DG MARE

99 Av Joseph II - Brussels - Meeting Room 00/53

Adopted Agenda

09.00 Opening

09.15 **Step 1** final update and closing process

09.30 **Step2A** Mapping of Data Sets

Detailed discussion and consolidation of each Community assessment

12.30 - 13.30 Lunch break

13.30 Conclusions on Step 2A (compilation of all Community replies)

Technical presentations on existing/developing secure/selective information exchange platforms and Q&A (introducing a serial of presentations for the future meetings)

14.00 EMSA (evolutions SSN. BOP..)

14.30 BlueMassMed (key points of the BMM Tender Specs)

15.15 **Step 2B** Assessing the Data Demand

Detailed discussion and consolidation of each Community assessment

16.30 Conclusions and way ahead

17.00 End of the meeting