



CISE¹ - Technical Advisory Group (TAG) meeting 19th of 01.09.2014

Minutes

Participants

- Alessandra Zampieri (chair)

TAG members:/ substitutes

- Giuseppe Aulicino (Maritime Safety...)
- Anders Bogelius (Fisheries Control)
- Leon Bouts (Fisheries Control)
- Eduardo Lobo (Border Control)
- Harri Ahonen (Border Control)
- Pasi Staff (Defence)
- Giovanni Battista Raimondi (Defence)
- Andrea Micheli (Defence)
- Sven Tahon (EFCA)
- Vytautas Lukas (FRONTEX)
- Eric Girard (EDA)
- Udo Lang (EDA)
- Patricia Romeyro (EUSC)
- Massimiliano Fara (EUMS)

Commission services

- David Berger (JRC)
- Thomas Strasser (MARE)
- Xavier Prud'hon (MARE)
- Vincent Dijkstra (DIGIT)

Observers to this TAG

- Fernando Dias Marques (CoopP)
- Carolina Matarazzi (POV)

Franco Oliveri (TAG Permanent Secretary)

Location

European Commission – Brussels - Belgium

Distribution of minutes

For review and approval by TAG Members

Approved meeting minutes are available to the general public.

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

Opening

- Welcome by the Chair.
- The proposed agenda (Annex 2) was amended to take into account the cancellation of the last point and approved.
- Presentation of the Communication on CISE and next steps.

DG MARE presented the process that led to the drafting of the Communication and its objectives. It was stressed that the IA showed that there was no need for a specific EU legislation also because there is a specific interest in civil-military exchange of information and the military matters are outside the remit of the EC. Furthermore, it has been considered that voluntary co-operation may be more effective in progressively tackling all the issues of such complex file rather than trying to address all of them ex ante in a legal act.

The results of the IA, in terms of cost-benefit analysis, have been reminded. The study showed that CISE will bring significant benefits both in terms of increased efficiency and effectiveness (overall benefits of € 420 million/year, average risks and threats reduction by 30%). It is relevant that most results of the IA are based upon the findings of the CoopP, i.e. on data provided by MS, which are ultimately responsible for maritime surveillance.

DG MARE also presented the future steps in the implementation of CISE, starting from the possible upcoming Council Conclusion on CISE and describing in detail the future funds that the EC will make available to foster the development of CISE at MS level. In particular, DG MARE announced the launch of a call for the funding of interoperability improvement at Member State level with about 4 M€ before the end of 2014. The funding from direct management will be directly managed by DG MARE/EASME, on the basis of specific proposals. MS have to provide at least 20% of contribution (i.e. staff hours). The funding from shared management is managed by MS and by the MS management authority. Please find enclosed the link to the contact list of national authorities responsible for this type of funding: http://ec.europa.eu/fisheries/cfp/emff/index_en.htm

Other activities will also cover the identification of the priorities for cross-sectoral information exchange across borders (this task is planned to be carried out with the help of an external contractor through contacts with operational experts).

DG MARE also announced the introduction of an "Indicator" to measure the progress made by MS toward CISE in relation with implementing EMFF funds: For CISE it has been decided that the starting point will be the GAP Analysis done by the TAG and the indicator will measure the reduction of this gap. This exercise will also be useful to raise awareness within national ministries.

In summary the next steps will be: a) Design, implement & test CISE (FP7 PoV); b) CISE handbook; c) IT reference architecture (Digital Agenda); d) Involve national data protection authorities; e) Remove legal obstacles left over (MS/EU); f) Reflect on administrative structure to manage CISE; g) Support to MS to identify cross-border needs; h) EMFF support for interoperability improvements.

The presentations were well received and TAG members stressed the need to maintain the momentum and raise the awareness on CISE in the different sectors.

- Update on the Demonstrator Project - (DIGIT)

Mr. Dijkstra (DIGIT) presented the results of the Incubator Project. The Incubator Project was launched some six months ago with the aim of involving MS in a proactive approach and to

verify the specifications (Data Model and Services) produced by the CoopP. The results of the Incubator have been very interesting allowing to assess the overall quality of the work done by WP2 and WP5 of the CoopP, but also allowing to learn a number of lessons on the actual possibility of exchanging data across sectors and across borders. Among them: i) the relatively low complexity of connecting legacy systems, provided that they already use a Services based approach and already provide services similar to the ones specified for CISE; ii) the feasibility of the Hybrid Vision, namely three different connections have been realized emulating the different possible “solutions” envisaged by the Hybrid Vision; iii) the need to validate Data Model and Services definition before starting the implementation phase.

The Incubator Project did not aim at covering all the aspects of CISE, for example issues such as Access Rights Management, Governance, etc. have not been addressed though the final report will contains interesting suggestions also on these aspects.

Overall, the incubator project was able to complete an experiment based on a CISE like scenario in which two MS plus the JRC exchange data (including a video stream and meteo data) relevant to the selected scenario.

Discussion:

The TAG appreciated the work done and the very clear presentation underlining that the work done is well in line with the Hybrid Architectural Vision and the preparatory work done by the TAG itself. TAG members supported the idea of an increased involvement in the future activities towards the implementation of CISE of the functions and of the EU Agencies (EMSA, EFCA, Frontex, etc.), which have already a significant experience in exchanging data and furthermore have means to reach out to the right people in the respective communities. Along this line the military function reminded that MARSUR will be presented at Euronaval 2014 (27th – 31st October 2014) and that also CISE will be introduced; EDA pointed out that their website has a specific link (<http://www.eda.europa.eu/info-hub/news/2013/04/15/further-step-taken-in-the-marsur-network-development>) where, in the framework of MARSUR, CISE is mentioned and its importance is fully recognized. The importance of reasoning on the future governance of CISE, also in view of the lessons learned in the implementation of the National Single Windows, has been stressed and it has been suggested to arrange for a presentation of the NSW during the next TAG meeting.

➤ Presentation of the PoV (EUCISE2020)

The Leading Partner (Italy) presented the EUCISE2020 Project (PoV). Member States of 15 maritime EU/EEA Countries will jointly develop EUCISE2020, in connection with the EU Commission (DG MARE, JRC, DGIT, DG CONNECT); the project is co-funded by FP7 Security Research-DG ENTERPRISE. EUCISE2020 architecture adopts the CISE Hybrid Vision Model. The Consortium includes 37 Partners from 15 MS and it will include also the EU Agencies. It is important to underline that the actual number of participating authorities is much larger since not all of them have the rank of Partner.

This project aims at building a test-bed network of nodes connecting participating public authorities for cross-sectoral information services and data exchange to validate CISE concepts, architecture and implementation.

The PoV will be organized in three Phases: i) initial definition phase that will produce the ToR for the tender to procure the needed solutions from the industry, ii) preparatory and execution phase that will deliver the working platforms, iii) ex-post phase that will produce reports on the actual achievement obtained in the real life experimentation of the system. The total duration of the PoV will be 31 months, starting from December, 1st 2014.

➤ The role of the TAG in conjunction with the PoV

The TAG's secretariat presented the work that the TAG is expected to carry out in the next

months. Specifically, the TAG will: i) continue to assess and endorse important technical decisions on CISE; ii) receive continuous updates from the POV through its Secretariat (JRC), provide advice and feedback on the outcomes of the POV; iii) arrange special meetings with the POV on specific operational issues if they are deemed necessary; iv) participate to the elaboration of the CISE Handbook; vi) contribute to the definition of operational information exchange priority (2014-2015).

➤ Presentation of JRC technical study on Access Rights

The JRC presented the results achieved with the preparation of the Concept Paper on CISE Access Rights, highlighting the key points.

The JRC, in agreement with DG MARE, launched this study having recognized that i) Security and access rights are key elements of CISE; ii) Security and access rights requirements impact on the design of the final solution, thus they should be studied as early as possible; iii) Previous Projects (Marsuno, BMM and CoopP) mainly studied the legal aspects of the access rights without providing clear guidance on the access rules and/or on technical requirements.

The study aimed at: i) elaborating technical requirements for security and access rights of the CISE environment, which can be flexible enough to cater for any legal and operational constraints; ii) helping the PoV in the design of the security and access rights components of CISE.

Among the findings of the study, the following can be highlighted: i) to ensure coherence in the roles of authorities at national level a “National identity manager” is needed; the National identity manager will manage CISE identities and roles (based on community/functions) in the Member States and authenticate the authorities connected to CISE; ii) Authorisation requires the mapping between roles; iii) Two levels of Access Control (Access Control in the CISE Gateway - Access Control within the Legacy System) may be required.

The final report will be supplied to the PoV after the TAG will have provided its comments.

TAG members praised the quality of the work and put forward comments and proposal to improve/extend it. In particular it was suggested to clarify the decoupling of the CISE Access Rights Management from the Legacy Systems and to further refine the Concept Paper deepening the specific aspects related to CISE. It was also proposed to analyse the Authentication systems used in the various MS to assess the possibility of allowing CISE to accept their outcome, thus decoupling from CISE the authentication. TAG also recommended planning further activities aimed at carrying out some experimentations to assess the effective interoperability of different commercial products suitable (apparently) to solve the problems identified by the study.

The JRC will send the present version of the Concept Paper on Access Rights for CISE to TAG members for comment and advice - TAG members are expected to comment within two weeks

➤ Presentation on the preliminary concepts on the Registry of Authorities and services

The Registry of authorities for CISE will be a tool suitable to archive and maintain the relevant data of each authority participating to CISE. This tool could cover operational needs (initially identified by TAG as “phone-book”) as well as CISE management needs (for instance interoperability agreement management). The JRC presented the ongoing work on the specification of a Registry of authorities for CISE. The study actions that DG MARE plans to launch to prioritize Authorities’ needs (beginning of 2015) would be an opportunity to start collecting information for the Registry of Authorities. Further requirements and specifications could also come out from the future PoV .

The present draft will be circulated among TAG members for comment and advice – TAG

members are expected to reply within the end of November.

.Handbook – (DG MARE)

DG MARE presented the ongoing work on the eHandbook. The CISE Communication of 8th July 2014 envisaged the preparation of an eHandbook: "...The Commission, will, in close cooperation with MS, develop a non-binding maritime CISE handbook by end 2016...", therefore DG MARE planned a number of activity to prepare it. The eHandbook, which will be a "live" document, will support the progressive implementation of CISE providing: i) a unique reference; ii) an exhaustive description of the interoperability frameworks (legal, technical, semantic, organisational); iii) practical guidance; iv) sharing of best practices.

The eHandbook will be drafted in close cooperation with MS and taking into account the results of the POV EUCISE 2020.

The purpose of the eHandbook is to facilitate the access to the information on CISE, share common understanding and to provide practical guidelines for the implementation at MS level through a single reference document.

Having completed the discussion on all the points of the Agenda the TAG concluded its meeting.

Next TAG meetings:

- **20th TAG meeting: December, 3rd is cancelled a new date will be communicated as soon as possible**

Also the MSEsG Meeting on December, 4th is cancelled

Actions summary

To arrange for a presentation of the NSW during the next TAG meeting.

To send the present version of the Concept Paper on Access Rights for CISE to TAG members for comment and advice - TAG members are expected to comment within December, 15th.

To send the present draft of the work on the Registry of Authorities to TAG members for comment and advice – TAG members are expected to reply within December, 15th.

ANNEX 1 TAG Composition 01-10-2014

Technical Advisory Group (TAG) members		
	Members	Substitutes
Co-Chairs		
GMINDER Beate		
ZAMPIERI Alessandra		
Secretary		
OLIVERI Franco		
User Communities		
Maritime safety, security and prevention of pollution caused by ships	AULICINO Giuseppe	FORTE Cosmo
Fisheries control	BOGELIUS Anders	BOUTS Leon
Marine pollution preparedness and response, Marine environment	GAGO PINEIRO José Manuel	DONNAY Eric
Customs	LIGHT Robert	MANTA Manuela
Border Control	LOBO Eduardo	AHONEN Harri
General law enforcement	SHIELDS Conor	
Defence	STAFF Pasi	RAIMONDI Giovanbattista
Agencies		
EFCA	TAHON Sven	KEMPF Alexandre
EDA	GIRARD Eric	LANG Udo
EEA	SCHUREN Eugenija	
EMSA	BAL Leendert	SCIBERRAS Lawrence
EUROPOL	PALO Peeter	REITSMA Gjalt
FRONTEX	AMEYUGO Gregorio	LUKAS Vytautas
Pilot projects		
BLUEMASSMED	LERAY Etienne	Ad hoc WG Leader
MARSUNO	GRONBLAD Markus	
COOPERATION PROJECT	ELOMAA Kimmo	Deputy Project Manager
Other TAG participants (observers)		
EU Military Staff – FARA Massimiliano EUSC – ROMEYRO 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 (Ispra)
Maritime affairs

TECHNICAL ADVISORY GROUP - TAG

TAG MEETING 19 - AGENDA

01 OCTOBER 2014

**Directorate-General for Maritime Affairs and Fisheries DG MARE
Rue Joseph II 99
1000 BRUSSELS**

09:30 Welcome

Agenda approval

Information about the Communication on CISE (MARE)

Discussion

Next steps (MARE) – Call for proposals IT improvements in MS, etc.

Presentation of the final results of the Incubator (DIGIT – JRC)

Presentation of the PoV (Matarazzi)

Discussion on the role of the TAG in conjunction with the PoV

Presentation of JRC technical study on Access Rights

Presentation on the preliminary concepts on the Registry of Authorities and services (MARE – JRC)

Handbook – (MARE)

Presentation of the SafeSeaNet evolution study (MOVE - EMSA)

A.O.B.

17:30 End of meeting