DRAFT

Minutes of the PROTECT meeting # 34

Location: **UPF, Paris**
Hosted by: **HAROPA Port of LE HAVRE**
Date: **29 and 30 June 2017.**

Day 1: Ports and Cybersecurity

1. Opening by Chairman

Jerome opens the meeting at 14:10, thanking our hosts, HAROPA and UPF.

Rollcall: The participants introduce themselves (list on the Protect website). Special welcome to Benedicte Pilliet, Director of Cybercircle. Hans Rook is now here in his role of chairman of IPCSA.

Unfortunately, the chairman and secretary of SMDG, Bruis van Driel and Arthur Touzot, cannot be here due to pressing and important other duties. Florence Perouas, Port of Marseille also had to cancel her participation.

2. Cybersecurity Concerns Introduction

Jerome starts the discussion by expressing his concerns about the rapidly increasing number of attacks on vital installations. The recent successful hacks made it obvious that many companies and institutions are not yet ready to withstand professional attacks.

Hans mentions that IPCSA had a meeting on this subject about 2 years ago already. He recommends to take a look at ISAC, Information Sharing and Analysis Center (https://www.it-isac.org/), a non-profit organization. Portbase, the Dutch PCS, will only transmit encrypted messages. Hans also mentions that the UN is currently working on a recommendation on this subject.

A discussion follows about a shared vision on this subject between ports.

3. Digital Security

Benedicte presents "Digital Security: a fundamental element for Maritime Actors". Presentation will be soon sent to members.

A brief discussion follows about whether an attack is an act of war, terrorism or crime. Conclusion is that it depends on the purpose of the attack: Money or Sabotage?

Benedict mentioned European Cyber Day event next June 2018, session dedicated to transportation sector. It could be an opportunity to associate European Ports to such event.

4. **How Ports stand regarding Cybersecurity Initiatives?**
- Raymond: Shares a presentation about the port of Rotterdam status (see website).
- Stefan: explains status in the port of Hamburg.
- Nico: They are member of ISAC in Antwerp. All stakeholders meet 4x per year, sharing info and workshops in the companies.
- Niels: The port started an inventory of the status of various unrelated initiatives, which are already underway.
- Tanguy: There is a lot of work to do with deadlines of 3 months, 1 year and 3 years. Special problem is that the systems are all designed to work together and must therefore remain open.
- Mees: A security manager has been appointed, developers will follow special hacking courses. They will work more in the cloud. Portbase can supply manifest data when the terminal is down.

5. **And 6. How to secure EDI exchanges and Defining a common framework.**

Jerome presents a case study by the port of Le Havre about the Port Single Window (PSW) and data exchanges. See website for this presentation. The port of Le Havre uses certificates for NSW, issued by the French Ministry of Transport.

VHF is not a secure method and must be used only for the safe passage of the ship and not for reporting purposes.

Many EDI exchanges in the form of EDIFACT or XML are privileged between actors. However, declaration processes are not always implemented in the same way with the same level of security on the data. Not all actors have the same size and even the IT skills to implement more complex exchange protocols such as encryption and electronic signature. For these reasons, some of these exchanges, which have the value of facilitation in the first place, need to be improved regarding Cybersecurity matter.

Question is: Could PROTECT be helpful to adopt Secured Protocols (many existing protocols... which are really efficient and safe) when using EDI transmission within maritime supply chain. Could we harmonized security on the supply chain between European ports, avoiding that the weak link become overall alignment if some actors don't secure their data transmission enough.

6. **Conclusion**

The objection of the afternoon session was to share views, which has been done. We should concentrate on the communication between the Port Authorities and the Ship-owners and their agents.

Jerome proposes to install a special Protect Cybersecurity initiative for this topic between our members and study the opportunity to collaborate with CyberCircle and IPCSA on that … such as participating to an event dedicated to Cybersecurity within Maritime ports for instance. Protect Members agree on that, a proposal will be expressed on that to identify a way to go further on this direction.

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Day 2 – Regular PROTECT meeting

1. Opening by chairman

Jerome opens the meeting at 09:00.

2. Minutes of previous meeting # 33 (Rotterdam)

The minutes were presented and adopted with no remarks.

3. Action Points

➢ **New: EMSW vision paper:** Raymond presents (see website). A discussion follows about IMO-MSW implementation, which must be done before April 2019. Also about testing the message flow between PCS's with a proof of concept that this relieves the administrative burden on actors without MSW.

➢ **BERMAN upgrade for ISPS and Bunker info:** Cor believes that Bunker info must wait until we know how bunkers must be reported, by EDI or Web? It will be separate from Dangerous goods reporting, so not in IFTDGN. Hans shares a presentation of IPCSA on this subject. See website. The requirements should be analyzed.

➢ **WASDIS upgrade for quantity of waste.** Frederic will make an XML version of this declaration available to the PROTECT members. We must decide whether to upgrade WASDIS or use the XML-version. Cor mentions that WASDIS and BERMAN are not used anymore and should be replaced by their XML-versions.

➢ **PROTECT subgroup cooperation platform:** Cor arranged for this in the meantime. AP closed.

➢ **PROTECT representation in SMDG meetings:** Ask SMDG for an official invitation and agenda for joint topics (f.e. Cybersecurity). (Ger will ask this).

➢ **Collect Cybersecurity info in your area:** Done and presented yesterday. AP closed.

➢ **Talks with IPCSA:** Talks are in place. AP closed.

4. Protect Organization.

Jerome gives presentation on this subject. A structure diagram with sub-committees is included. Topics are: Standardization: How to deal with UN/Cefact? Nico agreed to lead this sub-group. Governance: We need to define also a vision and tasks/purpose of the group. IPCSA and PROTECT cooperation (MOU): Hans presents the status and opportunities of the IPCSA roadmap. See website. Raymond and Hans proposed to work respectively on Protect organization & governance and collaboration MOU project between us and IPCSA.

5. IMO – Compendium and EDI Maintenance.

Jerome explains the status. Frederic reports about a mini-conference in Genoa on 31/3/17 by DGMove and the WCO/UN/Cefact Datamodel project team and another meeting on 17/5/17 in Brussels with objectives of IMO compendium # 42.

6. ESPO

Raymond presents the status of the reporting formalities and trade facilitation of ESPO. See website.

7. PROTECT – EMSA

Cor explains the status of his involvement. See website for this presentation. A discussion follows about the reporting to the Port Authorities.

8. Any Other Business

Nothing is tabled.

9. Next PROTECT meeting

Jerome proposed to plan the next meeting on December 7 and 8, 2017. Location: Nantes. For a meeting in 2018 Hamburg will be hosting a meeting.

10. Closing

The chairman closed the meeting at 13:00 hrs thanking our hosts.

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List of action points:

1. New XML message for ISPS data exchange between ports (Nico)
2. Upgrade of BERMAN for ISPS and bunker info
3. Upgrade of WASDIS with quantity of waste
4. Decide if PROTECT will be represented in SMDG meetings and who
5. Talks with IPCSA (ongoing)

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Participants:

Name	Organisation	Function
Jerome Besancenot	Port of Le Havre	(Chairman)
Ger Endenburg	PROTECT Secretariat	(Secretary)
Raymond Seignette	Port of Rotterdam	
Tanguy Jacob	Port of Nantes	
Mees van der Wiel	Portbase Rotterdam	
Niels Postma	Port of Amsterdam	
Cor Koert	Port of Rotterdam	
Stephan Gund	DAKOSY Hamburg	
Pascal Caloone	Port of Dunkerque	
Hans Rook	IPCSA Chairman	
Benedicte PILLIET	Cybercircle Director	
Nico De Cauwer	Port of Antwerp	
Philippe Roux	SGMer	
Frederic Gilletta	Port of Le Havre	
Arno Grund	Information specialist	