



2nd SSN LRIT Group Meeting

IFCD revision WG – progress report

Agenda item 2.3.2

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Department C: Operations/Unit C.4.1

Lisbon / 18 October 2017

Background information

- **HLSG 2 meeting (20 June)**
 - **new SSN Ecosystem Graphical interface Transition to Operations plan**
 - **agreed on testing the simplification of access rights via a dedicated pilot project**
 - **pilot project outcome: EMSA will analyse the operation and functioning of such simplification of access rights as compared to the current access rights policy and report back to next HLSG**
- **Considering the likely impact on the current access rights policy as defined in the IFCD, an ad hoc meeting of the IFCD revision Working Group was organised**

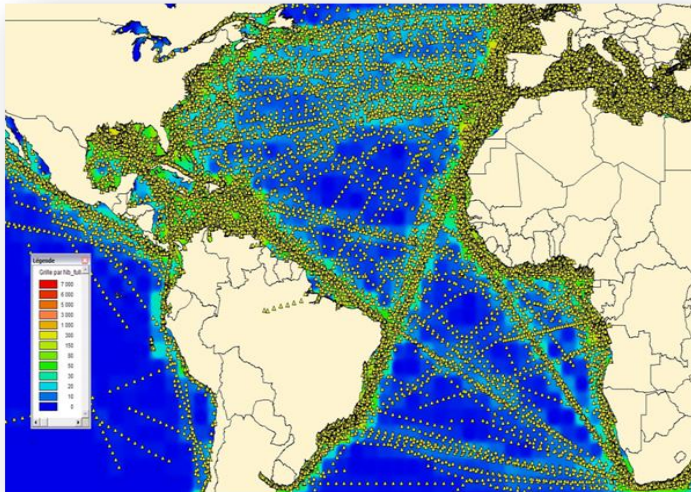
- **Analyse the impact of the proposal on simplification of access rights the in the current IFCD access rights policy**
- **Analyse the feedback provided by the pilot project participants**
- **Propose a new draft Chapter 3 and any consequential amendments to be validated by the SSN/LRIT group and endorsed by the HLSG**

Date	Task	Resp.
3 Aug. 2017	<i>Initiate the pilot project on “Access Rights Simplification”</i>	EMSA
28 Sep. 2017	<i>Prepare draft IFCD chapter 3 to IFCD WG</i>	EMSA
3 Oct. 2017	Meeting of the IFCD Working Group	IFCD WG
12 Oct. 2017	Finalise draft to SSN/LRIT Group by correspondence	IFCD WG
18 Oct. 2017	Revise IFCD draft proposal at SSN/LRIT Group meeting	SSN/LRIT Group
30 Oct. 2017	Finalise draft to HLSG by correspondence	SSN/LRIT Group
30 Nov. 2017 [tbc]	Approval of IFCD draft proposal at HLSG meeting	HLSG

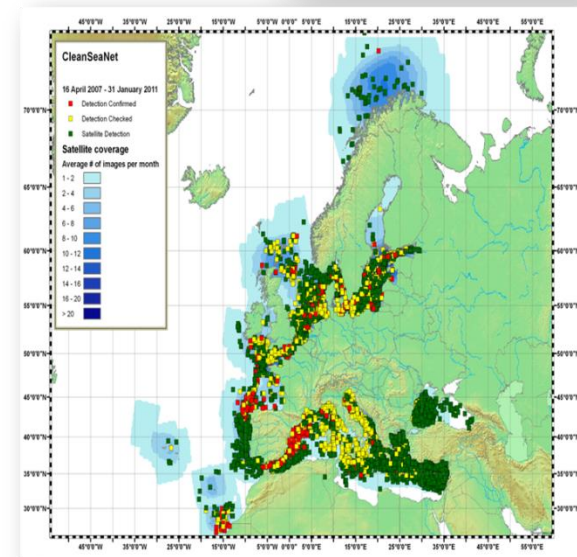
Why to review the access rights?

Initial Maritime Picture: 3 sources

➤ SafeSeaNet (SSN)



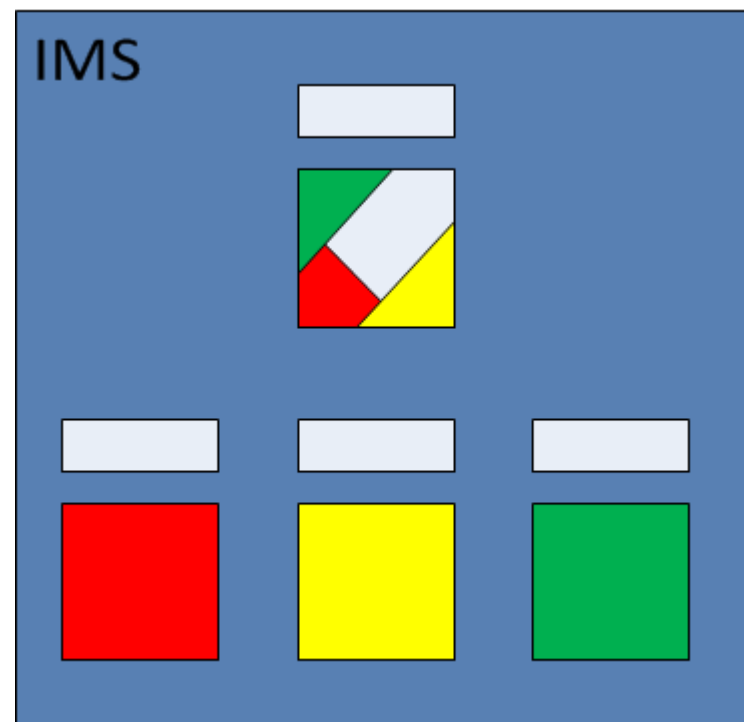
➤ Long Range Identification and Tracking (LRIT)



➤ CleanSeaNet (CSN)

Designed to enrich Maritime picture by combination of all systems data and integration of other data sources, started with volunteer MS, from 2016 recognized the EU legal framework (annex III Dir 2002/59/EC).

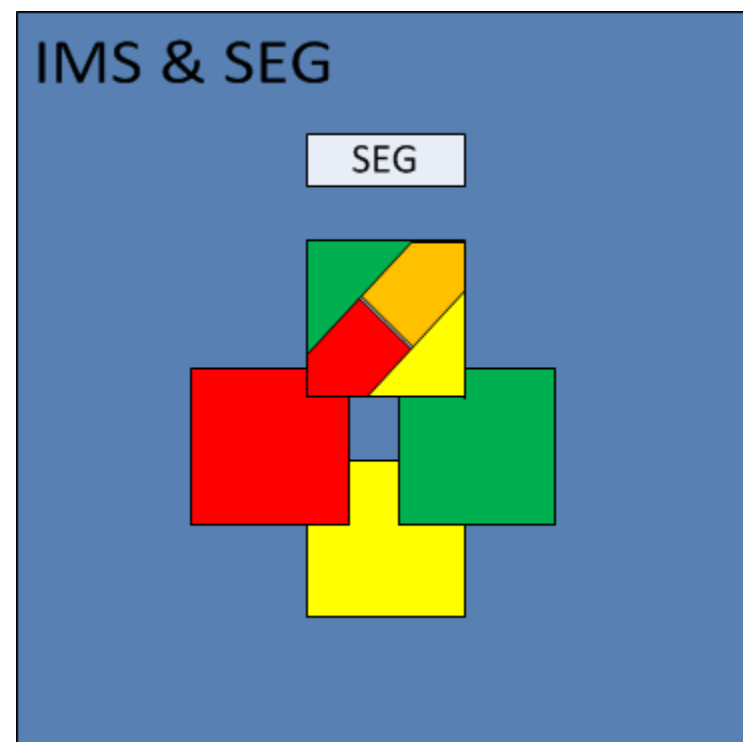
- Integrated Platform, Integrated Services
- 25 EU, EEA Member States
- 5 EU bodies
- >1 000 users



SEG – SSN Ecosystem Graphical Interface

EVERYTHING IN ONE SCREEN

- Materialize Data and Service Integration for end users
- Modern design
- Intuitive functions
- Easy to play with
- More platforms



SSN Ecosystem Graphical User Interface (SEG) - Transition to operation



- Current phase: **Transition to Operation** (T2O): April 2017-March 2018
 - Train users
 - Manage users migration - gradually granting all SSN-CSN-LRIT-IMS users access to SEG
 - Monitor the service and
 - Prepare the switch off of SSN, LRIT, CSN and IMS current GUI
- When preparing the T2O, it became obvious that the current access rights limitation is reducing the access to information for a lot of users from:
 - SSN including Ports
 - LRIT
 - CSN

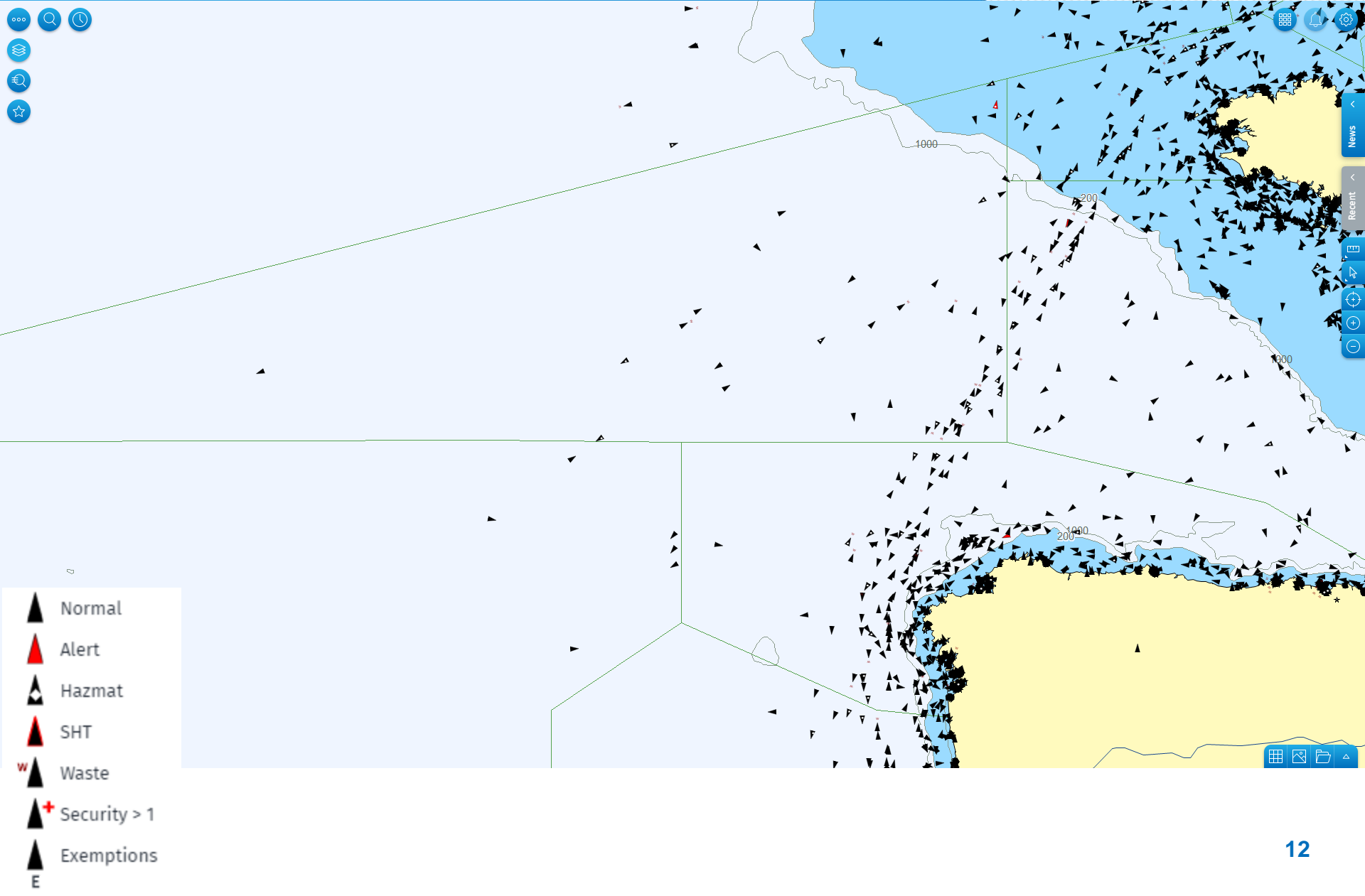
The slides below shows examples of these limitations:

SSN

- **Position report:**
 - T-AIS (subject to SSN access rights)
 - S-AIS and LRIT: No
- **SSN notification:**
 - subject to SSN access rights
- **SSN details:**
 - subject to SSN access rights



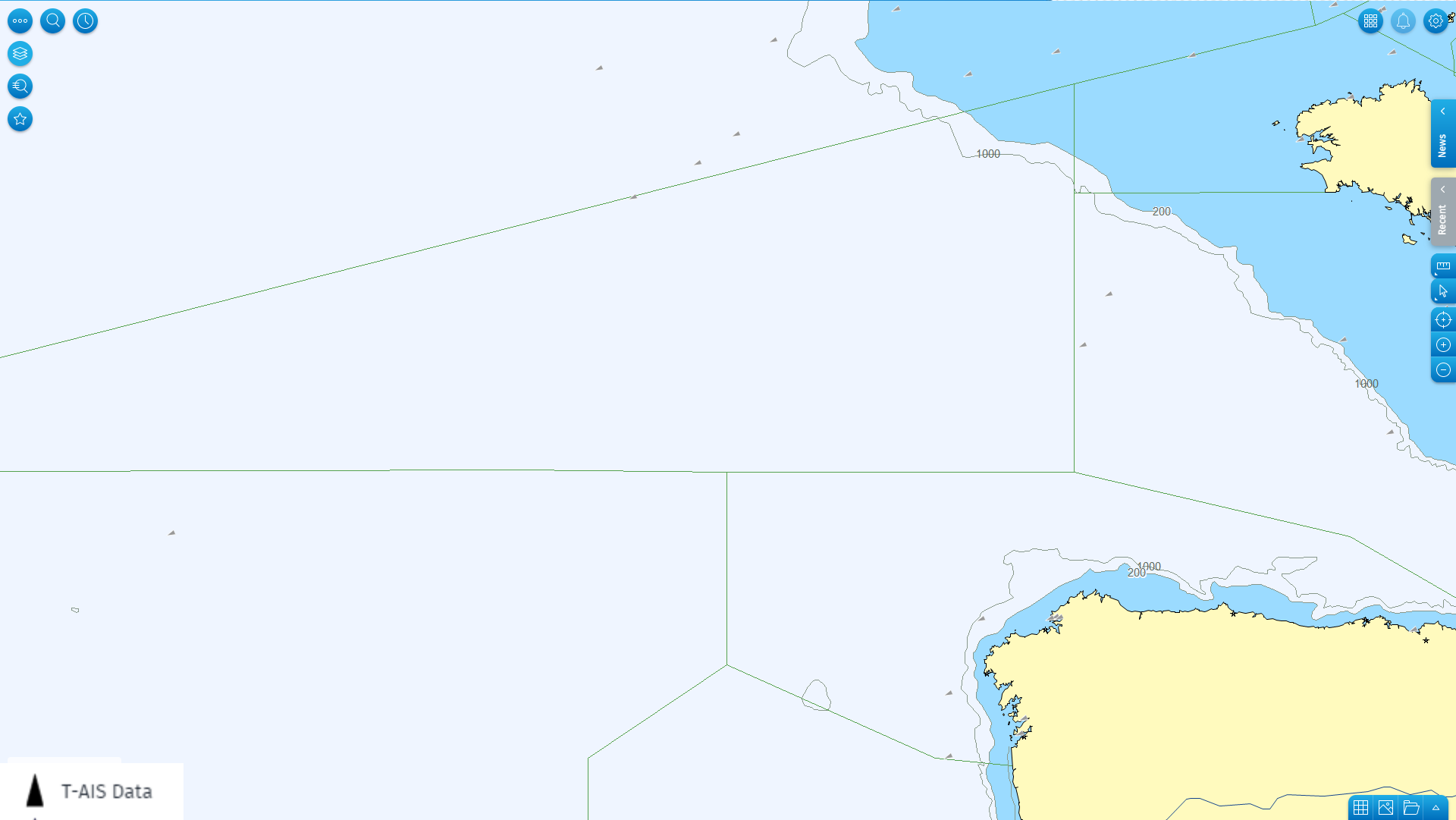
SSN: T-AIS + Enrichment







LRIT

- **Position report:**
 - LRIT Flag to all users from this Flag
 - T-AIS and S-AIS: No
- **SSN notification: No**
- **SSN details: No**



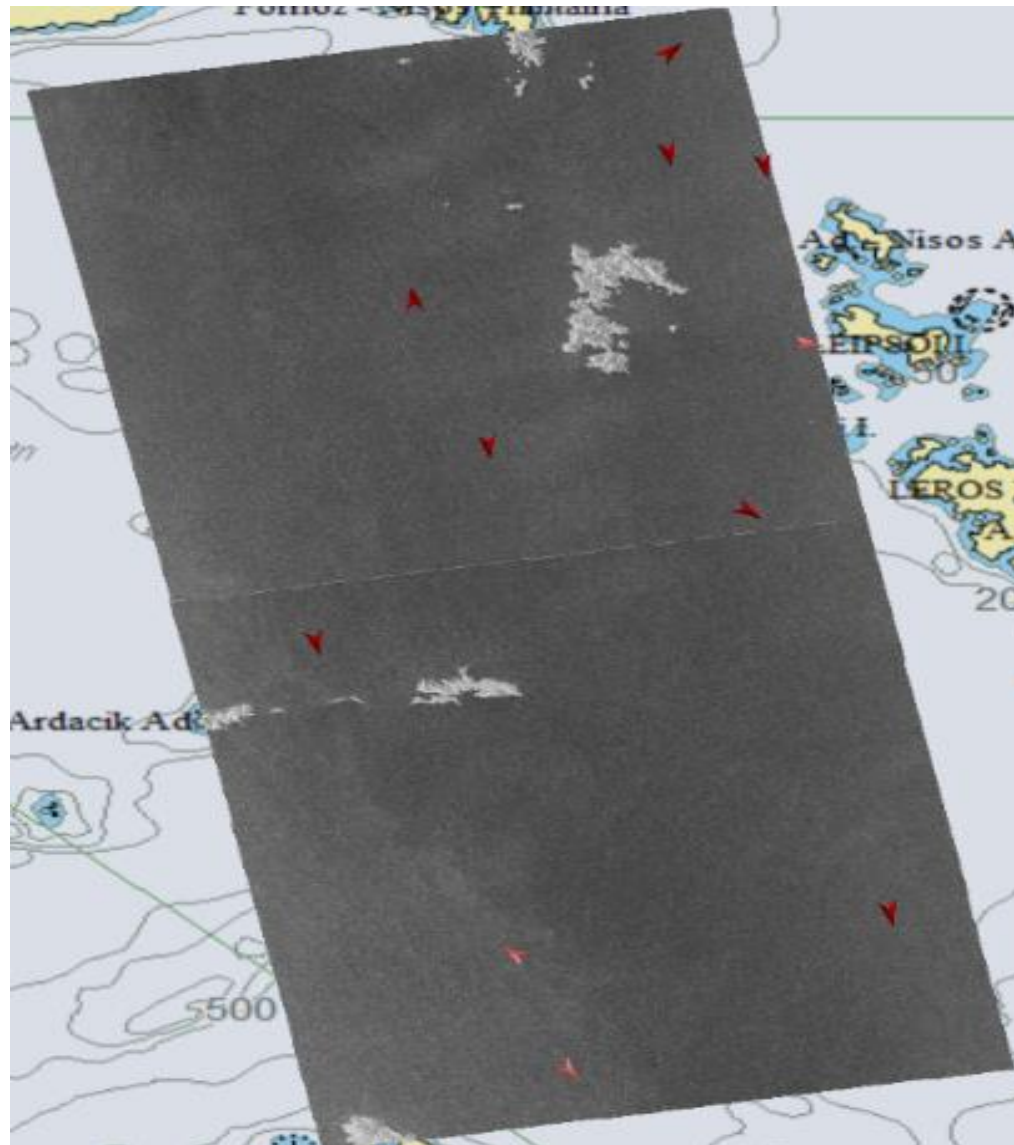


-  T-AIS Data
-  Sat-AIS Data
-  LRIT Data
-  VMS Data

CSN

- **Position report:**
 - T-AIS (limited over EO image foot print) for all users
 - LRIT and S-AIS: No
- **SSN notification: No**
- **SSN details: No**



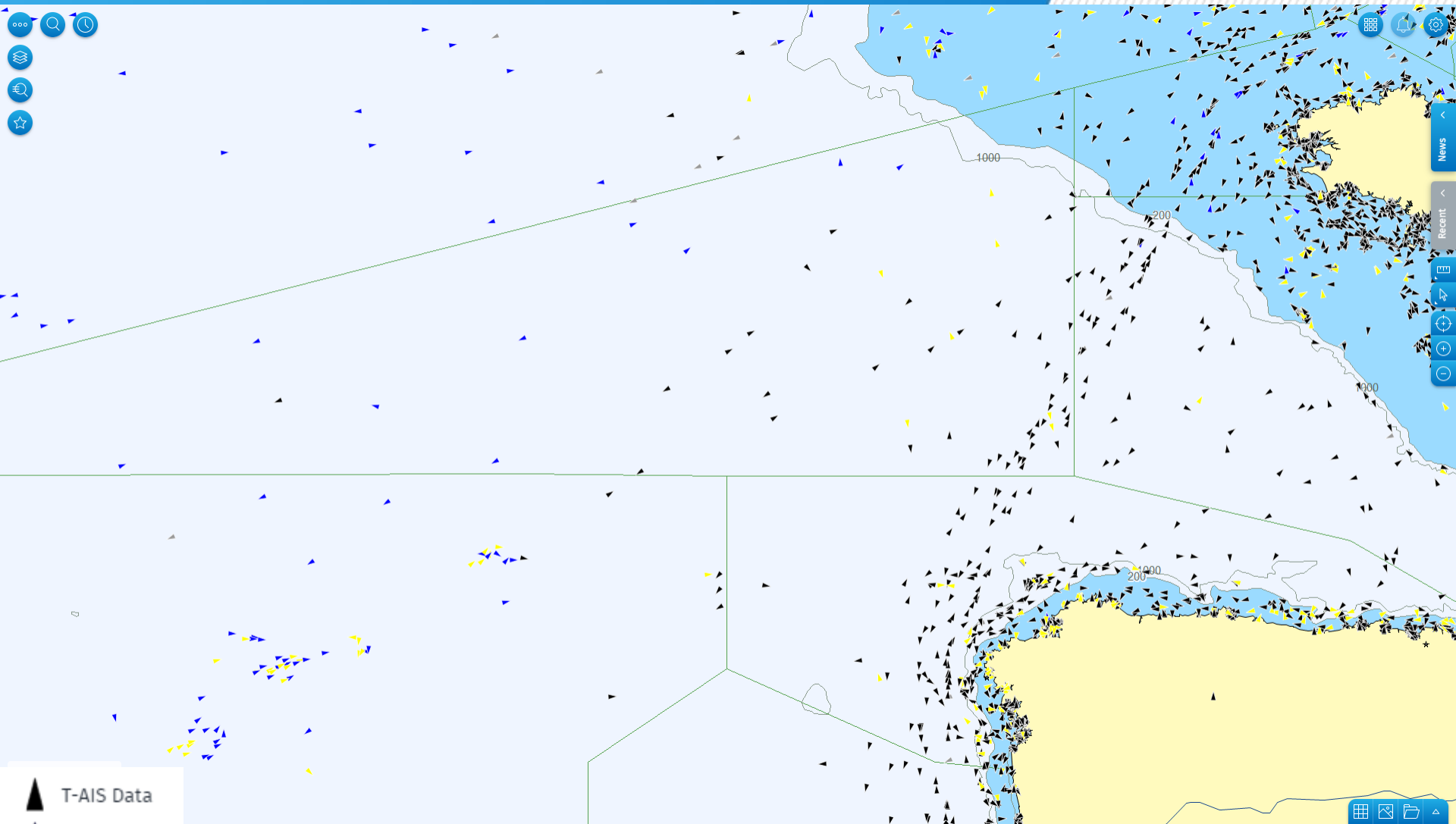


IMS for MS

- **Position reports (see note for details):**
 - T-AIS and S-AIS for all users
 - LRIT Flag (own flag+ those agreeing to share) for all users
 - VMS (under conditions) for all users
- **SSN notification: Yes (confirmed by IMS PoC)**
- **SSN details: No (except if confirmed by SSN NCA)**



IMS for Member State users



- ▲ T-AIS Data
- ▲ Sat-AIS Data
- ▲ LRIT Data
- ▲ VMS Data

How?

Access rights simplification proposal: For all SEG users from MS

- **Position reports:**

- T-AIS and S-AIS for all MS users
- LRIT Flag: all users from own flag+ all MS users from those agreeing to share (e.g. IT LRIT flag reports available to **all IT users + to all MS users from those MSs agreeing to share**)
- VMS: under conditions: **Note: current IMS policy for MS**

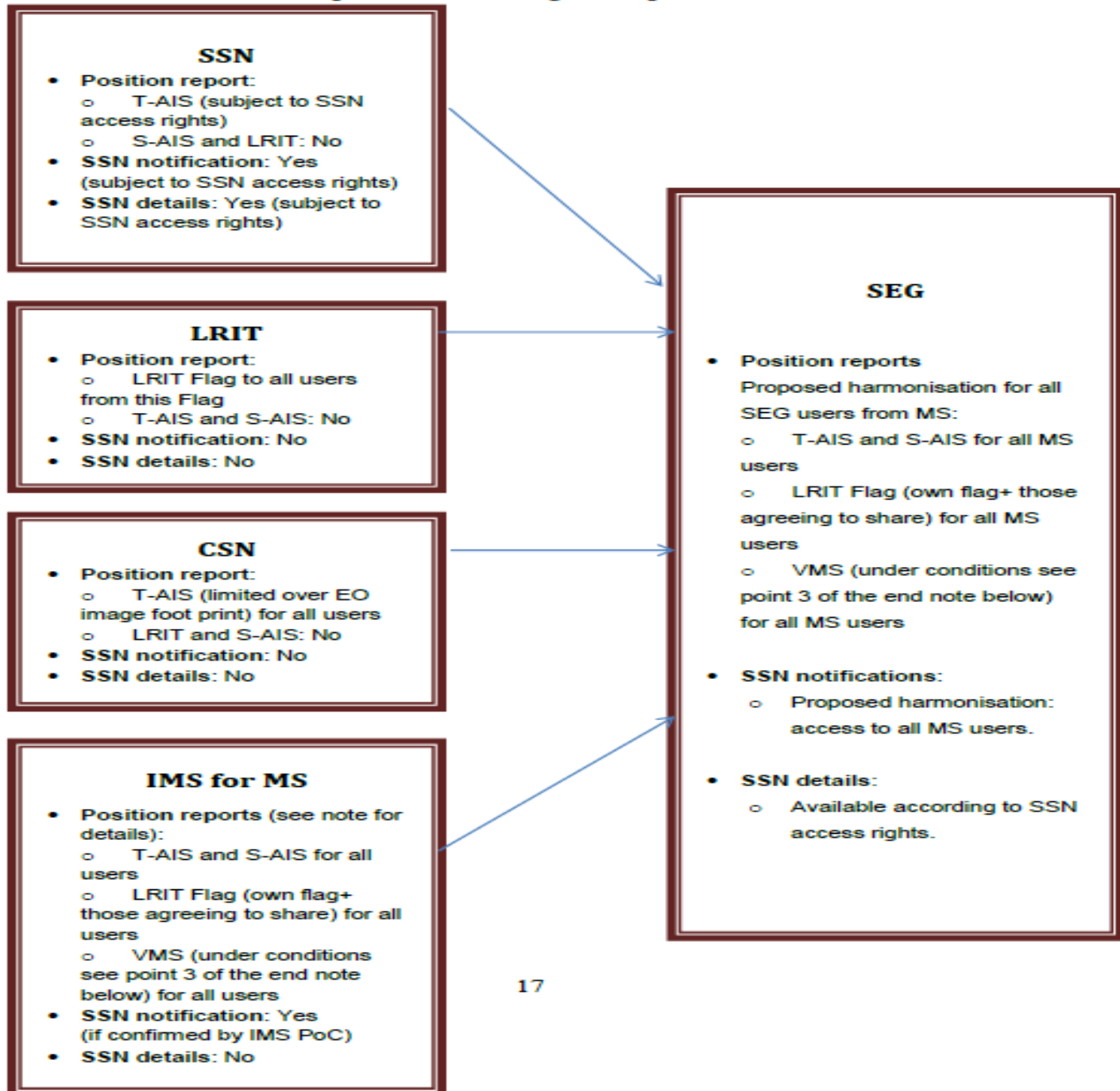
- **SSN notifications:** Proposed harmonisation

- access to all MS users. **Note: current IMS policy for MS when confirmed by IMS PoC**

- **SSN details (via req/resp):**

- According to SSN access rights. **No change**





- **Immediate benefits:**

- «**Common pot**» for all users
- **Only SSN details** will be managed by **specific access rights**
- Restriction only for ports (for detailed waste, security and Hazmat bound to or coming from their port)
- Technical implementation simplified for the benefit of the overall system

Impact on IFCD

- **Chapter 1:**
 - New definitions
 - inclusion reference to LRIT
- **Chapter 2: update on**
 - List IMS information
 - cooperation with other EU systems
- **Chapter 3 on access rights**
 - Wording to clarify the access rights
 - Matrix changes to reflect the simplification proposal

Very positive feedback from several pilot project participants (HR, IT, FI)

- around 90 users created for 5 MSs.

Review entirely Chapter 3 on access rights:

- **Wording** in the document:
 - to clarify the implementation of access rights as defined in the matrix
- **Matrix for data provider**
 - LRIT added + MRS (restriction removed)
- **Matrix for data access:**
 - SSN Notification available to all
 - AIS available to all (removed restriction for ports)
 - Definition of « SSN Details » which are ruled by SSN access rights
 - Removed **port restriction** except for Hazmat, Waste, Security details
 - LRIT added with conditions: e.g. MS A agree to share LRIT
 - All MS users from MS A can see LRIT flag report from MS A + all reports from MS C and D agreeing to share.
 - All Users from a MS E (not agreeing to share) will access only MS E LRIT flag reports.
 - Remove restriction for AIS enriched distribution

ACCESS RIGHTS \ ROLES		National Competent Authorities (NCA, NSW)	EU Member States' authorities executing functions in the maritime domain	Ports	EMSA, EC or other EU bodies users
Data provision	Port call data	X [country]	X [country]	X [port]	
	Hazmat	X			
	Waste	X			
	Security	X			
	AIS data	X			
	LRIT				X
	Incidents/accidents	X	X		
	Exemptions	X			
	MRS position	X Area	X Area		

Access rights simplification

ACCESS RIGHTS \ ROLES		National Competent Authorities (NCA, NSW)	EU Member States' authorities executing functions in the maritime domain	Ports	EMSA, EC or other EU bodies users
Data access	All notifications (e.g. Hazmat, Waste, Security, MRS, Incident, Port call, exemptions)	X	X	X -[port]	X
	AIS data	X	X	X -[port]	X
	Hazmat details ⁴	X	X	X [port]	X
	Waste details ⁴	X	X	X [port]	X
	Security details ⁴	X	X	X [port]	X
	Incidents/ accidents details ⁴	X	X	X	X
	MRS details ⁴	X	X	X -[port]	X
	Exemptions	X	X	X	X

⁴ Access subject to SSN NCA authorisation when granting the specific profile defined in User Configuration manual.

Access rights simplification

ACCESS RIGHTS \ ROLES		National Competent Authorities (NCA, NSW)	EU Member States' authorities executing functions in the maritime domain	Ports	EMSA, EC or other EU bodies users
	SSN non mandatory functionalities including access to reference databases (E.g. Central ship, Hazmat, Organisation and location databases)	X	X	X -[port]	X
	Access to statistic information	X	X		X
	LRIT Flag reports for all EU MS agreeing to share	X	X	X	X
Data Distribution	AIS positions enriched with SSN data	X -Area	X -Area	X -[port]	X

Action:

- The SSN/LRIT group is invited to comment on the draft IFCD (by 30 Oct the latest).

Next steps:

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30 Oct. 2017	Finalise draft to HLSG by correspondence	SSN/LRIT Group
30 Nov. 2017 <i>[tbc]</i>	Approval of IFCD draft proposal at HLSG meeting	HLSG



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