

13.2.2 – ABM update

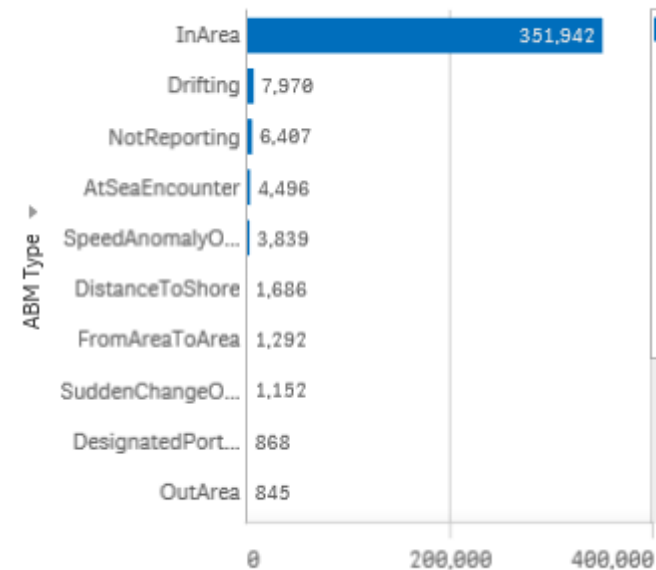
IMS Group UCM#13

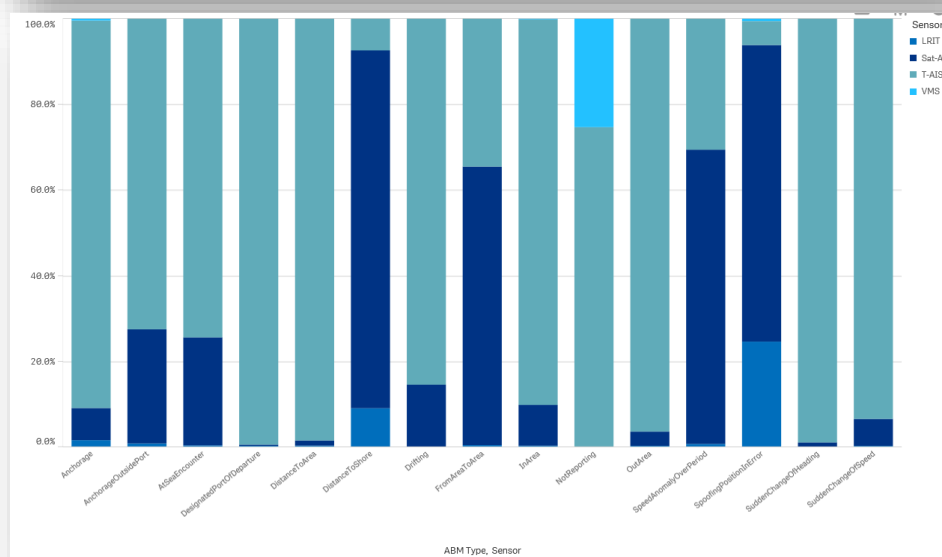
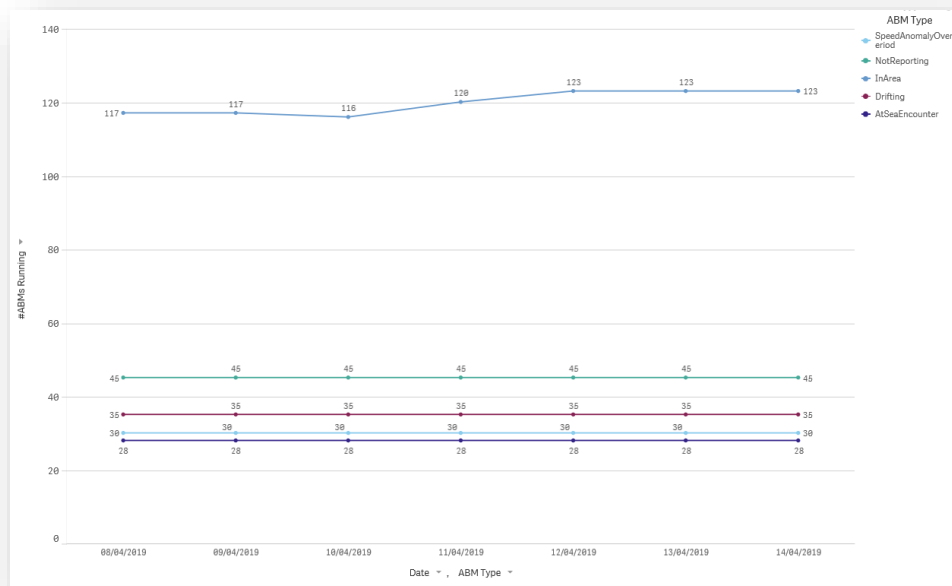
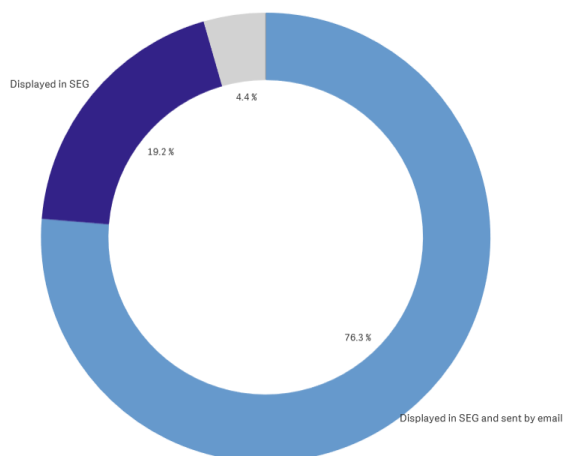
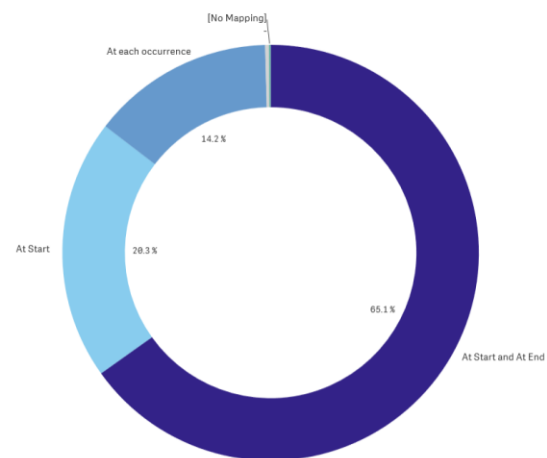
Lukasz Bibik

Lisbon, 22.05.2019

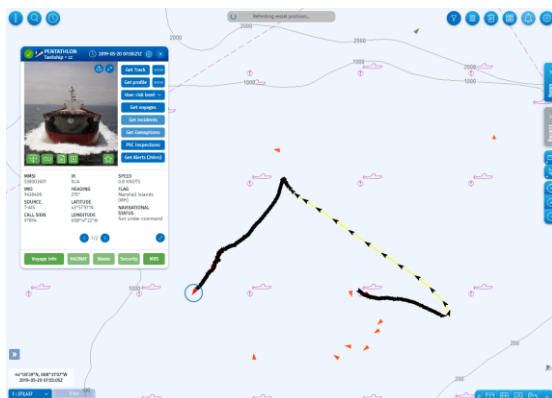
- Status
- Latest developments
- What's next?
- Interfaces
- Reporting on ABM WS4
- Actions

#Alerts by ABM Type/Sensor

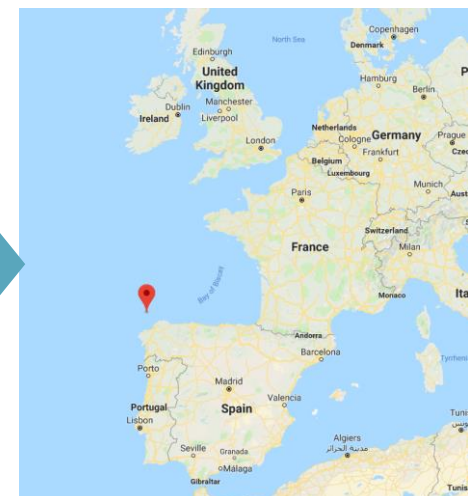




- ✓ New technical module – STAR ABM
- ✓ New ABM console in SEG 1.8 – validation IT, DK, HR
- ✓ ABM admins can create own distribution lists
- ✓ S2S developments – ABM alerts distribution
- ✓ New ABM alert templates
- ✓ 1 minute T-AIS rate in RO

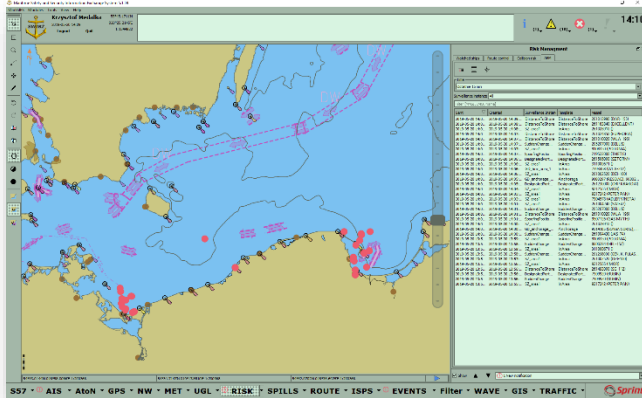
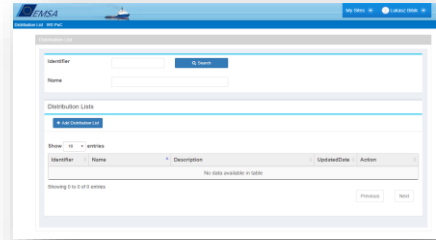
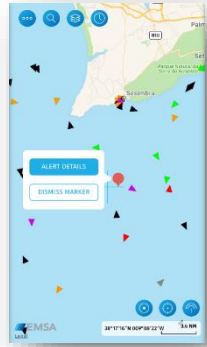


Position Details					
MMSI	18502001	IT	N/A		
IMO	940409	Call Sign	V7914		
Flag Name	Italy	Name	PENTATHLON		
Timestamp	Latitude	Longitude	Heading	Speed	
2019-05-20T04:05:02Z	43.898	-8.787	177	0.3	
Location in Map					
LMS					
Alert Details					
ID	18502001005				
Surveillance name	GLOBAL_SHIP_TRACKING_BSCV	Surveillance description	GLOBAL_SHIP_TRACKING_BSCV		
Start Time	2019-05-20T04:05:02Z	End Time	2019-05-20T04:38:42Z		
Event Details					
Event type	Collision				
Category	COLT790				
Start Time	2019-05-20T04:05:02Z	End Time	2019-05-20T04:38:42Z		

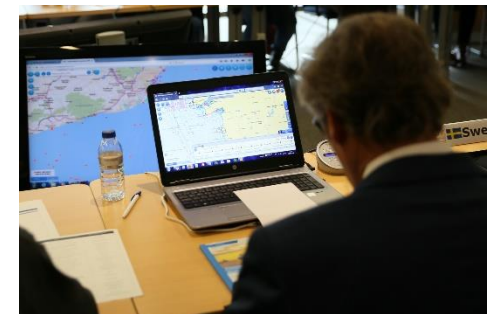


- ❑ **UNECE LOCODES usage – connection to CLD**
- ❑ **VDS – EO based in ABMs**
- ❑ **New rule-based ABMs – navigational status, line crossing**
- ❑ **Trainings, new manual and phasing out old ABM-admin interface in IMS WUP**
- ❑ **Combined and historical ABMs – searching for solutions**

ABM Interfaces available

Functionality ->	ABM configuration	ABM- alerting mechanism	Configuration of the ABM alerts distribution lists
Interfaces	S2S	S2S (test/ validation)	EMSA Maritime Portal (new interface)
			
	SEG (new interface)	SEG (new interface)	
		IMS Mobile App	
	E-Mail		
	WUP (old interface) *	WUP (old interface) *	

- On-going work on the inclusion of uncorrelated VDS targets;
- Growing interest in the Increase of the T-AIS rate and the use of new technologies (e.g. data analytics, machine learning, statistical approach)
- Continue working on historical and combined ABMs, use of SSN data and nav. status;
- Expand the mandate of the ABM Working Group to include data analytics and use of new technologies.



- ☐ Take note of the current ABM status, planned developments as well as the training opportunities; analyse own operational need
- ☐ Provide a feedback on the new ABM functionalities
- ☐ Approve the provisional planning for the decommissioning of the ABM administrative panel in the old WUP interface ~June 2019
- ☐ Approve the expansion of the mandate of the ABM Working Group to include Data Analytics and use of new technologies (e.g. machine learning)



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What's next? (Ref. 1)

No.	TOPICS	STAR ABM version	Foreseen date	MS assistance needed	Status
1	DECOUPLING OF THE ABMS FROM IMS/IMDATE PLATFORM	STAR ABM 3.0	Q42018 – Q1 2019	Yes - validation (volunteers)	✓
2	IDM V2 - ROLES AND POLICIES	IDM V2	Completed – to be implemented Q4 2018	Should be transparent for the users	✓
3	USE OF THE VDS IN NEW 'VDS UNCORRELATED IN THE AREA'	STAR ABM > 3.0	~Q3 2019	Yes - validation (volunteers)	↻
4	USE OF THE COG IN STEAD OF HEADING	STAR ABM > 3.0	~Q3 2019	Yes - validation (volunteers)	↻
5	CHANGING THE ABM REPORTS CONTENTS	STAR ABM 3.0	Q2 2019	Yes - validation (volunteers)	✓
6	MOVING THE ABM ADMIN TO SEG	STAR ABM 3.0	2018	Yes – ongoing validation IT, DK	✓

What's next? (Ref. 2)

No.	TOPICS	STAR ABM version	Foreseen date	MS assistance needed	Status
8	CONFIGURATION OF THE ABM INSTANCES VIA S2S	STAR ABM > 3.0	Q1 2019	?	🔄
9	NEW ABMS	STAR ABM > 3.0	Q3 2019	-	🔄
10	HISTORICAL ABMS	N.A. new module/ technology	on-going/ completed POC	-	🔄
11	INCREASE OF THE T-AIS FREQUENCY	STAR ABM 3.0 / STAR TRACKING	on-going tests with MARES	RO, IT, MARES, EMSA	✓
12	LOCODES - CLD SYNCHRONIZATION	STAR ABM > 3.0	Q2 2019	-	🔄
13	CONFIGURATION OF THE DISTRIBUTION LISTS BY THE ABM ADMIN	STAR ABM > 3.0 + IdM v2	Q4 2018/Q1 2019	-	✓
14	USE OF THE REGISTERED CGD AREAS FOR THE AOI SELECTION	STAR ABM > 3.0	> Q3 2019	Upload/ provide CGD areas	🔄