

# Automated Behaviour Monitoring (ABM) Workshop 3

**ABM admin module in SEG (future interface)**

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**Possible modifications**

**Groups split and discussion**

- **Pre-setting ABMs with default values**
- **Alerting on the blocked status**
- **Filtering options**
- **Unique naming**
- **Review of the alert reports**
- **Area selection- use of the central reference CGD**
- **Modification of the units**

# Alert C&I

**Alert: 1505132101986**  
**Name: MAERSK WINDHOEK**



**Area Query**  
**Select Vessel**  
**Snooze (24h)**

**ID**  
1505132101986

**Longitude**  
-009.413°

**Vessel name**  
MAERSK WINDHOEK

**Start time**  
2017-09-11 11:50:17Z

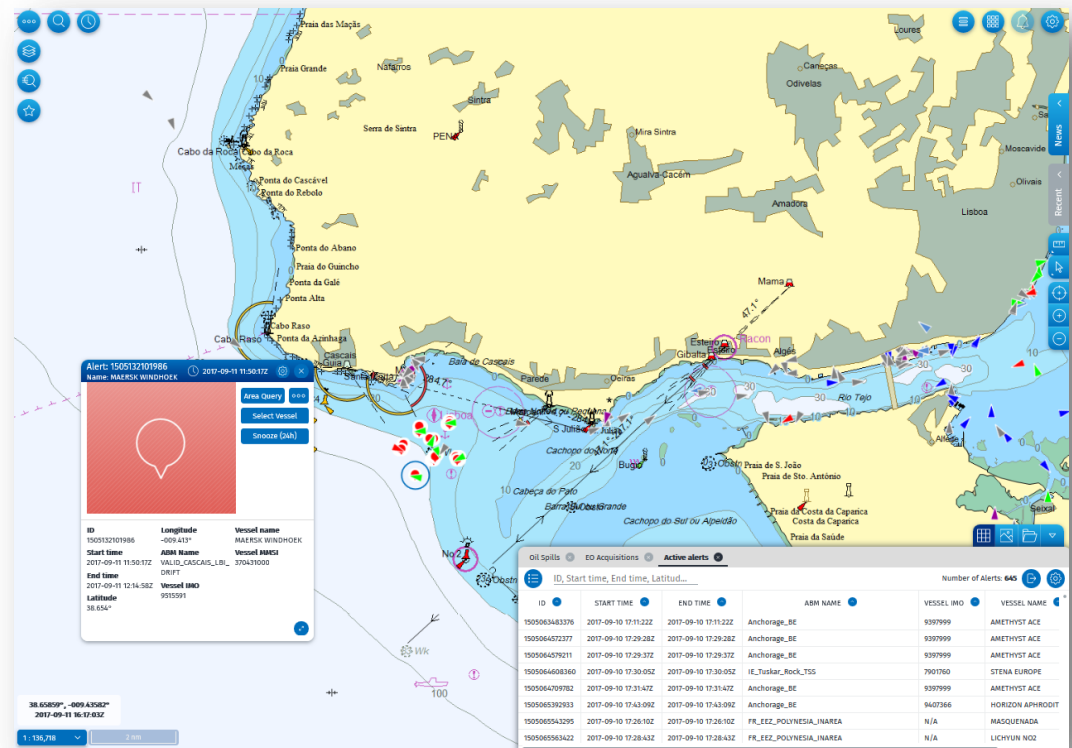
**ABM Name**  
VALID\_CASCAIS\_LBI\_

**Vessel MMSI**  
370431000

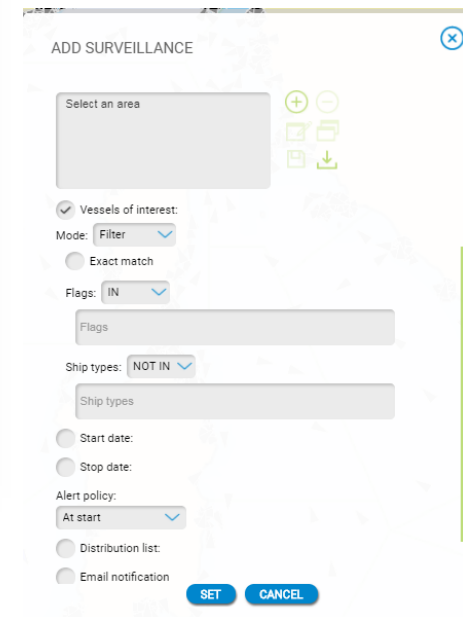
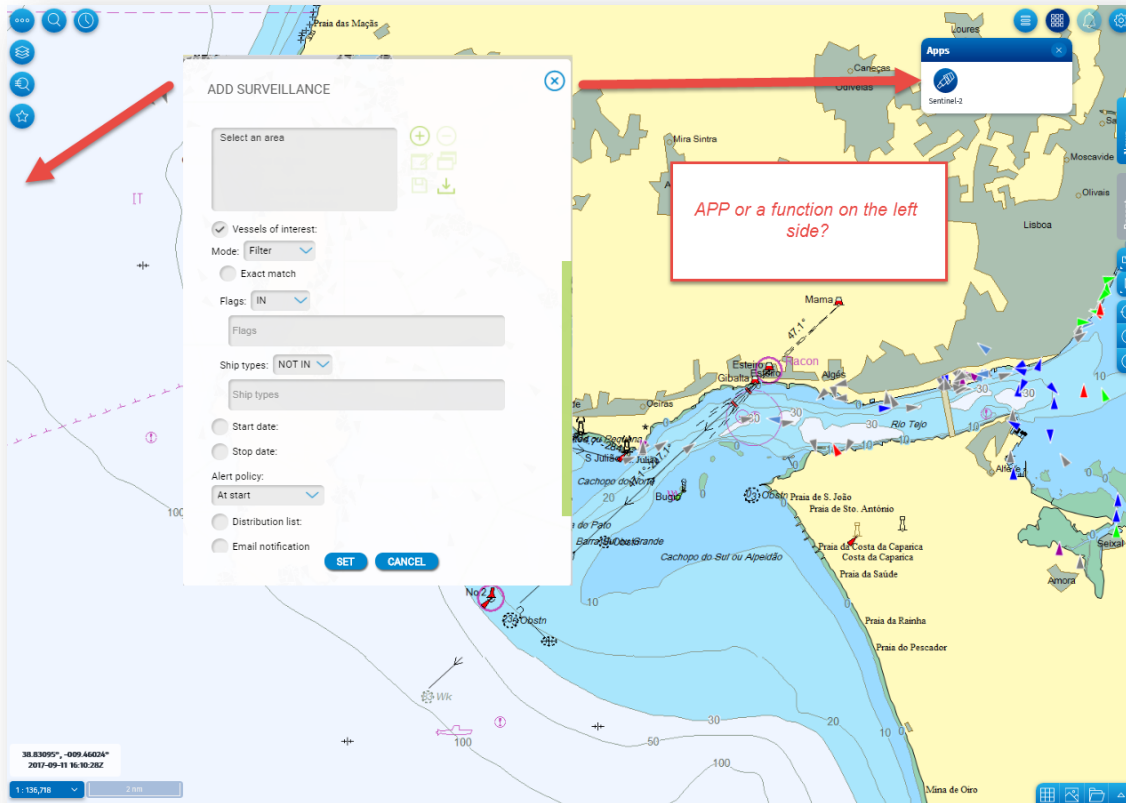
**End time**  
2017-09-11 12:14:58Z

**Vessel IMO**  
9515591

**Latitude**  
38.654°



# ABM configuration



## EMSA IMDatE - Alert Report

### Surveillance Instance

**Name:** FROM\_MADERA\_TO\_PORTOSANTO\_LBIOPERVALID  
**Description:** FROM\_MADERA\_TO\_PORTOSANTO\_LBIOPERVALID  
**Area of Interest:** BBOX35 | BBOX33  
**Alert policy:** one\_shot\_at\_start  
**Alert type:** FromAreaToArea

#### Surveillance Instance Parameters:

Param name	Param value
pastProcessedArea	-16.9989613578258,32.41423910390867 -16.625377380141146,32.41423910390867 -16.625377380141146,32.83338210326219 -16.9989613578258,32.83338210326219
processedArea	-16.504574339862355,32.84280204448739 -16.097356314374277,32.84280204448739 -16.097356314374277,33.12651952126187 -16.504574339862355,33.12651952126187
maximumPeriodOfHistory	2

### Alert

**ID:** 1505143996017  
**Cap Creation Time:** 2017-09-11T15:33:16Z  
**Sent:** 2017-09-11T15:33:16Z  
**Start Time:** 2017-09-11T15:33:10Z  
**End Time:** 2017-09-11T15:33:10Z  
**Position Source:** T-AIS  
**Latitude:** 32.853 (32 51'10.8"N)  
**Longitude:** -16.453 (16 27'10.8"W)

### InArea event

**status:** IN  
**position.timestamp:** 2017-09-11T15:33:10-00:00  
**position.latitude:** 32.853  
**position.longitude:** -16.453

#### Involved vessels:

Imdate ID: 1019531 MMSI: 255806012 IMO: N.A. IR: N.A. Call Sign: N.A. Name: N.A. Flag State: N.A. Length overall: N.A. Breadth: N.A. Vessel Type: N.A.

Positions:	Timestamp	Longitude	Latitude	Heading	Speed
	2017-09-11T15:33:10Z	-16.453 (16 27'10.8"W)	32.853 (32 51'10.8"N)	47	14.3

### EnterOrLeaveArea event

**status:** OUT  
**currentPosition.timestamp:** 2017-09-11T15:33:10-00:00  
**currentPosition.latitude:** 32.853  
**currentPosition.longitude:** -16.453  
**previousPosition.timestamp:** 2017-09-11T15:27:10-00:00  
**previousPosition.latitude:** 32.836  
**previousPosition.longitude:** -16.473  
**positionLeavingInPast.timestamp:** 2017-09-11T14:43:34-00:00  
**positionLeavingInPast.latitude:** 32.717438  
**positionLeavingInPast.longitude:** -16.621304

#### Involved vessels:

Imdate ID: 1019531 MMSI: 255806012 IMO: N.A. IR: N.A. Call Sign: N.A. Name: N.A. Flag State: N.A. Length overall: N.A. Breadth: N.A. Vessel Type: N.A.

Positions:	Timestamp	Longitude	Latitude	Heading	Speed
	2017-09-11T15:33:10Z	-16.453 (16 27'10.8"W)	32.853 (32 51'10.8"N)	47	14.3

# Pre-configurations

Type: Anchorage

Swing Circle Radius (meters)

200

Minimum Anchorage Duration (seconds)

1200

Type: HeadingToShore

Minimum Speed (meters per second)

3

First Distance to Shore (meters)

500

Second Distance to Shore (meters)

1500

Type: Drifting

Minimum drifting duration (seconds)

1200

Maximum Speed (meter per second)

2

Minimum Leeway Deviation (degrees)

10

Type: UnderReporting

Ship Tracking System

T-AIS

Under-reporting threshold (0.1-0.5) (percent)

0.2

Nominal Reporting Period (seconds)

360

Observation Time Period (seconds)

1440

**Group split – around 3 tables**

**Material prepared for reference**

**Discussion on the possible implementations in SEG**





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 **EMSA**  
European Maritime Safety Agency