

# Automated Behaviour Monitoring (ABM) and Advanced Analytics Workshop 5

## ABM Related Training

**Anne Marie Hayes**

Senior Project Officer  
Vessel & Port Reporting

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European Maritime Safety Agency



Training Catalogue 2019

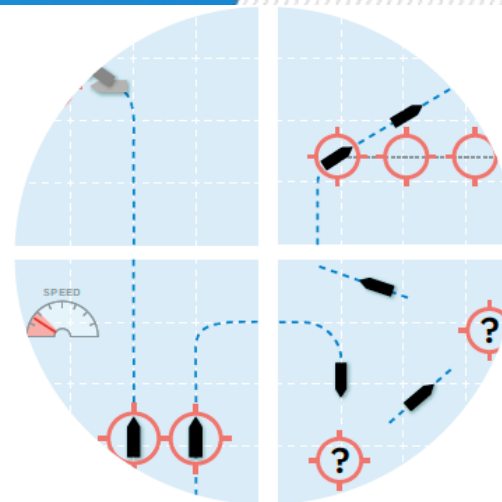
**EMSA**

**TRAINING CATALOGUE**

**TITLE** ADVANCED AUTOMATED BEHAVIOUR MONITORING (ABM)

**DURATION** 2 days

**AUDIENCE** Maritime Surveillance operators, users of the Integrated Maritime Services for MS, Risk Analysts



## LEARNING OBJECTIVES

This course offers an advanced knowledge on the IMS tool Automated Behaviour Monitoring (ABM) ; providing the most popular operational scenarios, allowing the user to become independent ABM administrator and using ABM capabilities to enhance maritime domain awareness.

## KEY TOPICS

- What is the ABM tool;
- How to request the ABM service. Restrictions.
- Available ABMs.
- Administrator tool: How to set-up an ABM
- Overview of the ABM algorithms
- Most popular operational scenarios and algorithms settings
- Use cases and best practices.

## ABM Training for MS, Agencies & Organisations (not including training sessions given by MS)



| Date          | Training course  | Location                                   |
|---------------|--|--|
| 26+28.03.2019 | Advanced Training for MS on SEG & SSN v4 (Intro to ABMs)               | EMSA, 24 participants                      |
| 10-11.04.2019 | Training on IMS for Italian Coast Guard                                | IVTMIS Centre, Messina, 18 participants    |
| 6-8.05.2019   | Training on IMS for Europol  | EMSA, 17 participants                      |
| 15.05.2019    | Training on IMS for EUNAVFOR Atalanta                                  | EMSA, 5 participants                       |
| 23.5.2019     | Training on ABM Admin console for MS administrators                    | EMSA, 26 participants                      |
| 18.09.2019    | Training on ABM Admin console for Frontex administrators               | Warsaw, by Fx at EMSA team 13 participants |
| 18-19.09.2019 | Training on IMS for Estonia  | Tallinn, 21 participants                   |
| 15-16.10.2019 | Information session and Training on IMS for Germany                    | Hamburg/Cuxhaven, 36 participants          |
| 20-21.11.2019 | IMS and Copernicus Maritime Surveillance for Guardia di Finanza, Italy | EMSA , 25 participants                     |
|               |  | <b>(Total 185 participants)</b>            |
|               | <b>+ Ad hoc webinars on request</b>                                    |  |
|               |  |  |

## Training Agenda: Automated Behaviour Monitoring (ABM) admin console in SEG – training for ABM administrators

EMSA, 23 May 2019

Rooms 3.30 and 3.49

Thursday, 23 May 2019

| Time          | Agenda Item  | Speakers                           |
|---------------|--|------------------------------------|
| 08:45 – 09:00 | Registration   | EMSA                               |
| 09:00 – 09:15 | Welcome  | EMSA                               |
| 09:15 – 09:45 | ABM general introduction <ul style="list-style-type: none"><li>■ What are the ABM tools?</li><li>■ Access to the ABM admin tool</li><li>■ ABM Interfaces</li><li>■ Available ABM algorithms</li></ul>                      | EMSA                               |
| 09:45 – 10:15 | New ABM admin console in SEG <ul style="list-style-type: none"><li>■ Operational use cases</li><li>■ Old vs. New ABM admin console – summary of changes</li><li>■ New format of the email ABM reports</li></ul>            | EMSA, MS<br>Hands- on<br>exercises |
| 10:15 – 11:00 | Setting ABMs using new console <ul style="list-style-type: none"><li>■ Selection of ABM algorithms</li><li>■ Selection of Vessels of Interest</li><li>■ Area of Interest configuration</li><li>■ Alerting Policy</li></ul> | EMSA, MS<br>Hands- on<br>exercises |
| 11:00 – 11:15 | Coffee Break   |                                    |
| 11:15 – 12:30 | Other ABM-related configurations <ul style="list-style-type: none"><li>■ Searching for ABM alerts</li><li>■ ABM alert Command and Info</li><li>■ Vessels, ABM alerts and advance search</li></ul>                          | EMSA, MS<br>Hands- on<br>exercises |
| 12:30 – 14:15 | Lunch break  |                                    |
| 14:15 – 15:30 | ABM alerting in SEG <ul style="list-style-type: none"><li>■ ABM alerts in TTT and from vessel C&amp;I</li><li>■ ABM alerts in the Mobile App</li><li>■ Distribution list</li></ul>   | EMSA, MS<br>Hands- on<br>exercises |

| Time          | Agenda Item   | Speakers                                     |
|---------------|---|--|
| 15:30 – 15:45 | Coffee break  |  |
| 15:45 – 16:15 | Automated Behaviour Monitoring (ABM) – documentation and training <ul style="list-style-type: none"><li>■ User manual, brochures, ABM user guide, trainings, webinars</li><li>■ Practical scenarios (1-2)</li><li>■ Best practices sharing</li><li>■ Practical scenario (3-4)</li></ul> | EMSA, MS<br>Hands- on<br>exercises<br><br>MS |
| 16:15 – 16:45 | ABM future <ul style="list-style-type: none"><li>■ Future developments</li><li>■ User requirements analysis</li></ul>   | EMSA<br><br>MS                               |
| 16:45 – 17:00 | Wrap-up and Evaluation Form   | EMSA, MS                                     |

## Participants :

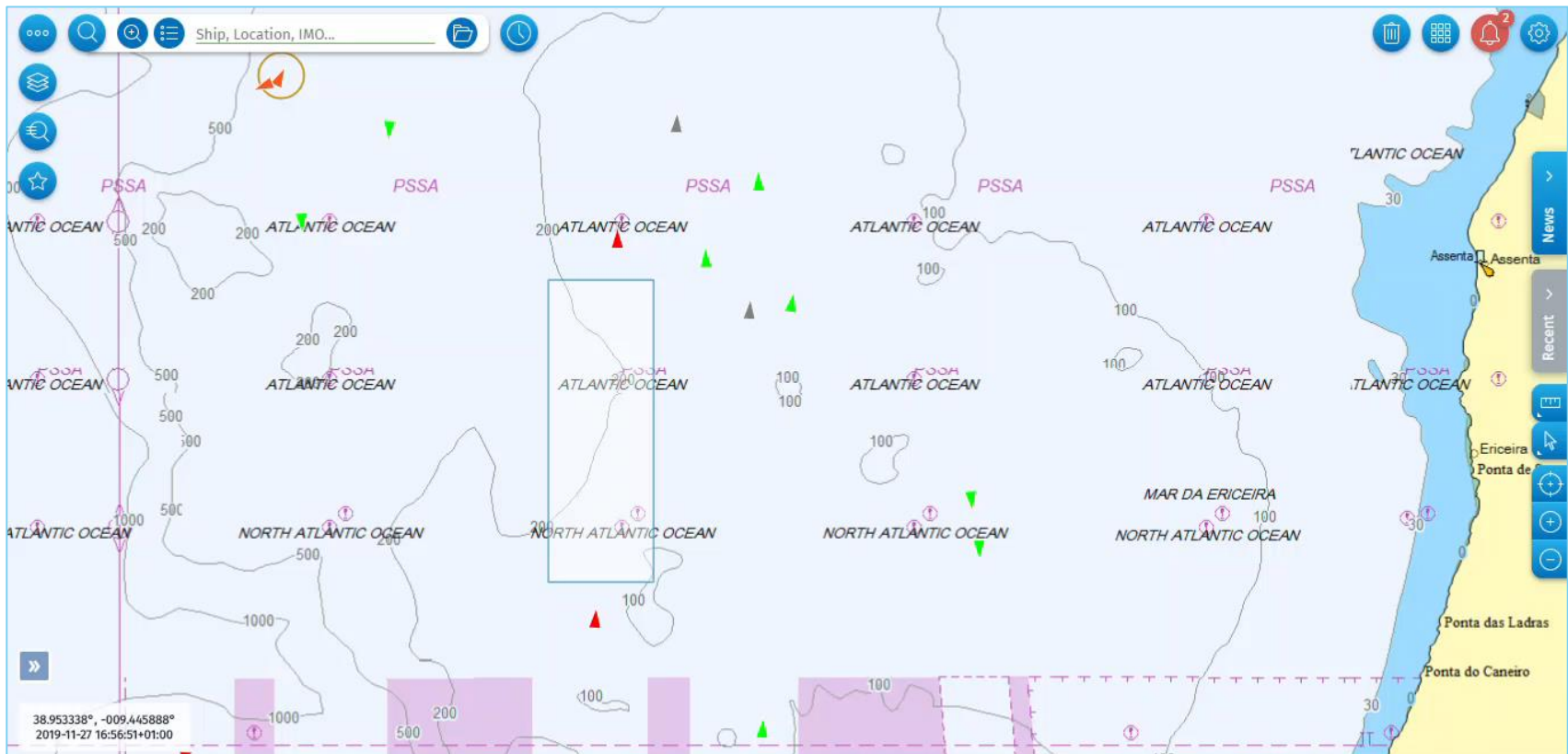
Persons nominated by IMS PoC, ABM administrators

EMSA Participants: C.3.1 – Maritime Surveillance

- 1. How to set an ABM in SEG – Quick Start Guide**
- 2. Old ABM User Guide (WUP)**
- 3. ABM Flyer**
- 4. IMS Brochure**
- 5. SEG ABM Admin Video**



# SEG ABM Admin Video





- 1. Are you interested in ABM training at EMSA or in your country in 2020/2021?**
- 2. Does ABM Training Material need to be updated?**
- 3. Is there any aspect of the training that you would like to change or improve?**
- 4. Would you recommend**
  - ✓ Training material available in advance of new developments**
  - ✓ Dedicated mailing list informing of the publication of new training materials**
  - ✓ Customised: Basic, Advanced, Train-the-Trainers**



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