

ABM Workshop 4

Dec 5th 2018

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The operational use of ABMs

What Phase is MRCC Dublin at with ABMs?

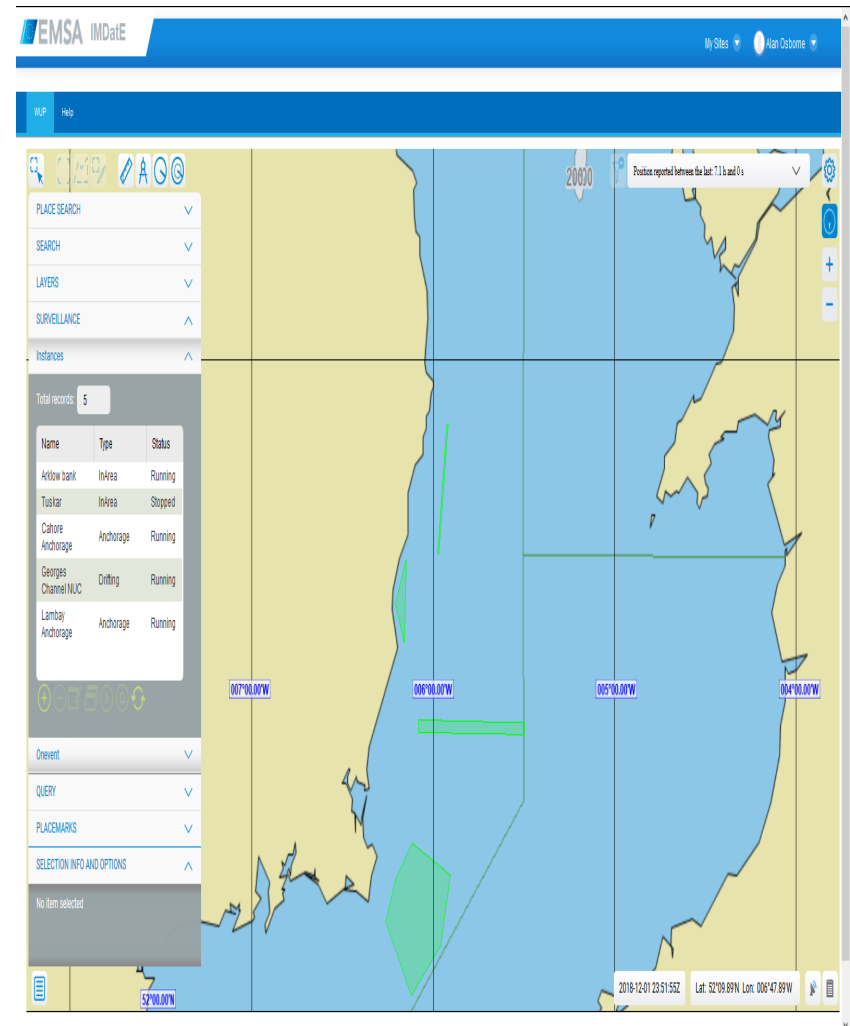
- **Active Test Phase**
- **Awaiting Case study example**
- **Including daily monitoring**
- **Consultation on which ABMs are of benefit to MRCC**

Where Next?

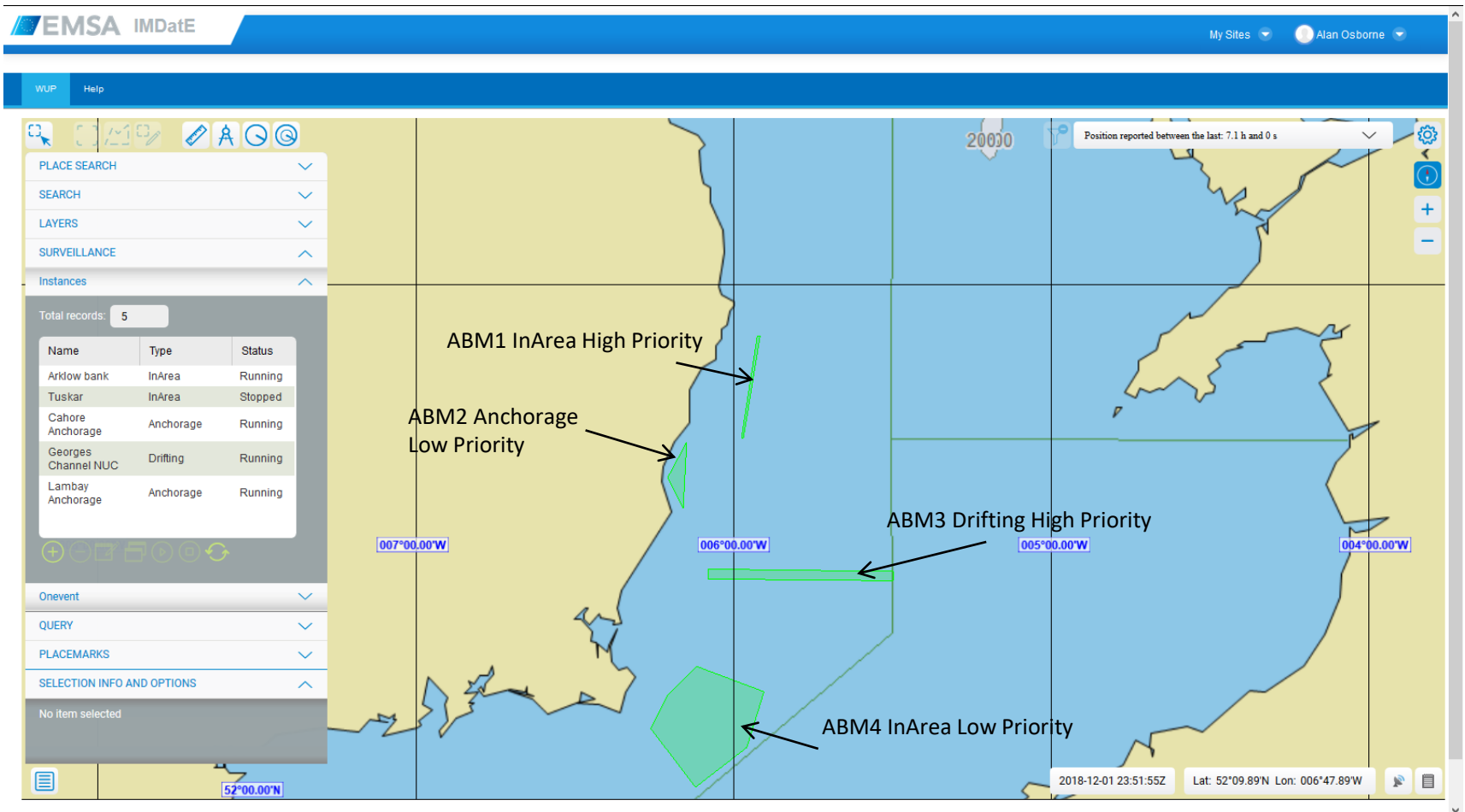
- **MRCC is going to utilise ABMs to expedite familiarisation of IMS**

How will this be achieved?

- **By creating administrator for the MRCC Profile where alerts will be received directly to the monitored email address.**



What are the most relevant/ commonly used ABMs



What other modifications or changes would you require from the ABM tools/services to address new operational use cases?

Aid to identifying vessels engaged in towing operations

How can this be achieved?

- **Vessels with Restricted Status AIS**
- **Vessels with matching course, same speed (>5kts to eliminate Prawn fleets), continuous distance (<200mtr)**
- **Vessels with Defects – feed directly from SSN report**

What other ABM-alike tools and functions do you use and how their capabilities could be reflected in the IMS ABMs?

Grouping related ABMs

- **Drifting**
- **Sudden change of course**
- **Sudden change of speed**

**Drifting is limited to manual change of vessels status on AIS
Environmental factors will cause a change in a vessels course
and speed of a drifting vessel**

How ABMs contribute or could contribute to the enhanced awareness and assessment of risks in the maritime domain?

Potentially ABMs could provide a greater uptake in the IMS

How?

Via notification emails

- Receive email alert *directly*
- Investigate *immediately*
- Familiarisation *automatic*
- Confidence and growth in the system *developed*