

2.Update on ABMs

Cloud based – Historical ABMs and detection of port calls

Lisbon, 14.12.2020

- **A service automatically detecting port calls worldwide by using ship position data available in the High Performance Integrated Maritime Services Long Term Storage (HP-IMS LTS)**

- **Historical ABMS**

Entry to an area (In area);

Drifting;

At sea encounter;

Speed anomaly;

Not reporting;

Zone around the ship;

Business case A

A user needs to obtain the 3-months history of port calls at a global level, for selected ships:

- User sends a list of around 40 distinct IMO numbers (or IMO and MMSIs) via a web interface and expects to receive for each of them historical port calls, at a global scale, over last 3 months.
- Historical port calls shall cover identifiers of the vessel, list of ports (with UNECE location codes when known) and detected time of arrival and departure (from/to).
- Typically, users will query for the vessels having IMO numbers and engaged in the international trade.

Business case D

An IMS user needs to obtain a list of vessels that called at a specific port in a defined period from date X to date Y, together with the details (date and time) of the port calls.

Business case E

An IMS user needs to obtain last 10 port calls of a specific vessel.

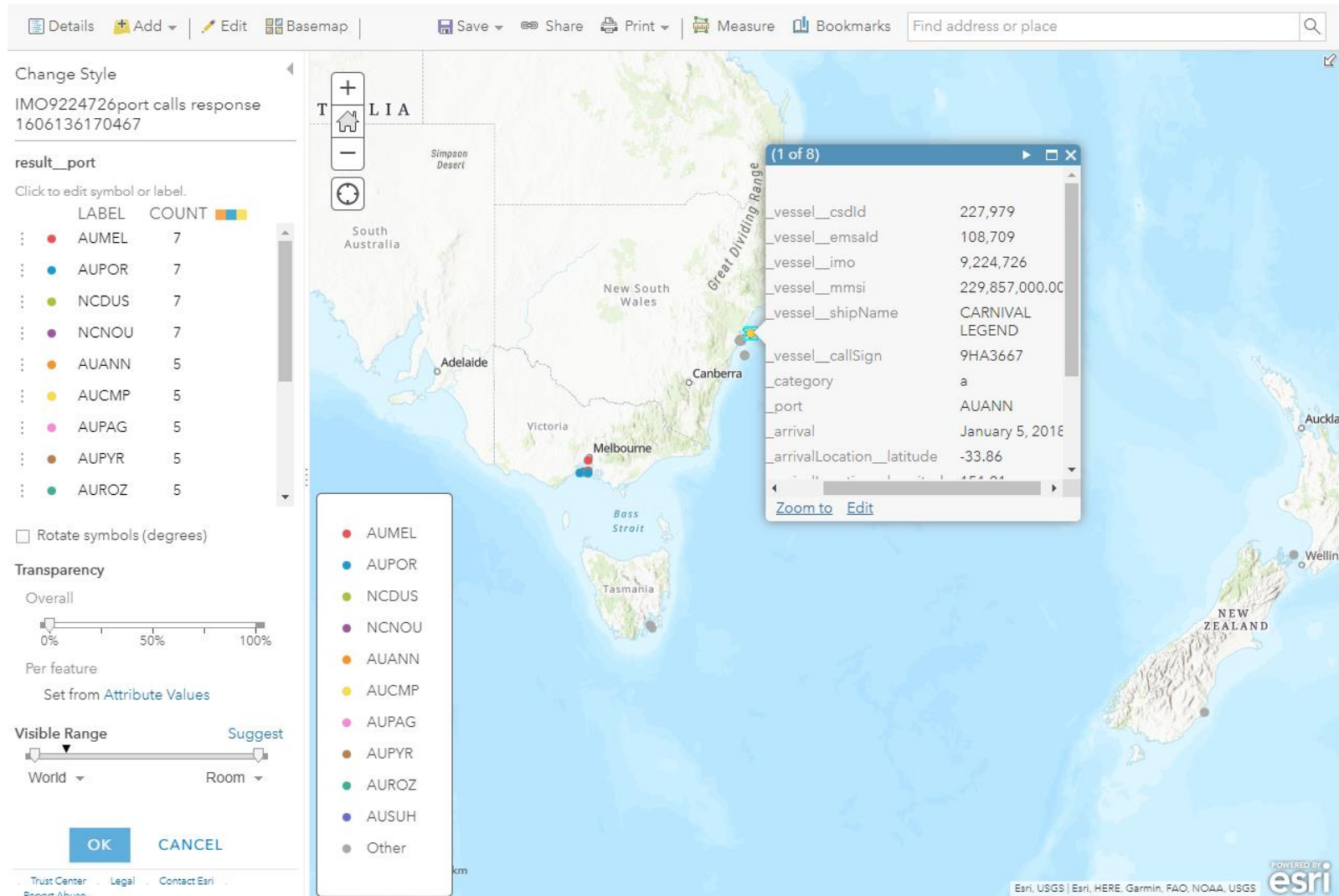
Business case F

An IMS user needs to the list of all port calls available for a specific vessel.

Example – Carnival Legend in 2018 (Australia and New Zealand)

ArcGIS ▾ My Map

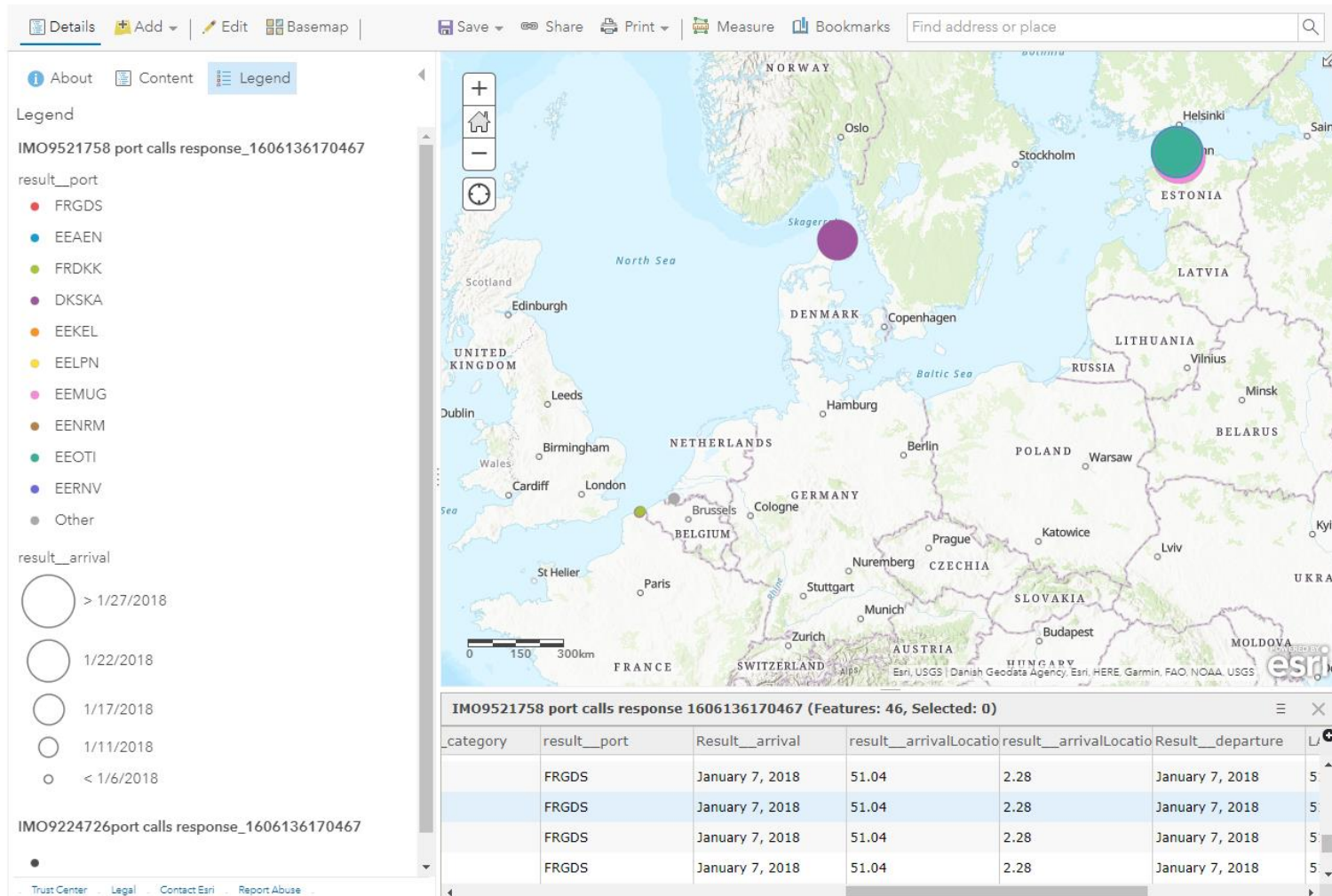
New Map  Lukasz ▾



Example – Rogalica 2018

ArcGIS My Map

New Map Lukasz





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