

# P3 – System-to-System interfaces

Digitalisation and Application  
Development, Unit C.4

Lisbon, 18.05.2017

# Push Service for Vessel Position Reports

## Format:

- SSN Streaming Interface proxy;
- IVEF (XML) via HTTPS;
- CSV on [s]FTP server.

## Configuration:

- Selection of the originator of the data;
- Type of the position reports to be distributed;
- Area of interest;
- Vessels of interest;
  - All
  - Specific list
  - Filtered by Flag/Type
  - Filtered by SafeSeaNet enrichment data per vessel: Active HAZMAT, Active Incident, Active Exemption, Active Waste, Active Security, Active Voyage;
- Downsampling (frequency of position reports for selected vessels or all vessels in the area);
- Rate/ Frequency of the request for data - Configured frequency (every 6 minutes, every 1 hour, every 1 day, ever 1 week);

# On request services (i)

## Format:

- OGC Web Mapping Service (WMS);
- OGC Web Feature Service (WFS);
- IVEF (XML) via HTTPS;

## Configuration for vessel position reports & historical tracks:

- Selection of the originator of the data;
- Type of the position reports to be distributed;
- Area of interest;
- Vessels of interest;
  - All
  - Specific list
  - Filtered by Flag/Type/SSN Enrichment
- SafeSeaNet enrichment data per vessel: Active HAZMAT, Active Incident, Active Exemption, Active Waste, Active Security, Active Voyage;
- Period of time for the historical positions (up to 6 months).

# On request services (ii)

## Format:

- OGC Web Mapping Service (WMS);
- OGC Web Feature Service (WFS);
- IVEF (XML) via HTTPS;

## Configuration for distribution of ABM's:

- Name(s) of the ABM instance for which the generated alerts are to be distributed;
- Rate/ Frequency of the request for data.

# Earth Observation products

## Format:

- OGC Catalogue Service (CSW);
- OGC Web Mapping Services (WMS);
- OGC Web Feature Services (WFS).

## Configuration:

- The standard options available for the CSW, WMS and WFS will apply for the configuration of the S2S interfaces for the distribution of EO products.



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