

# Map Filters

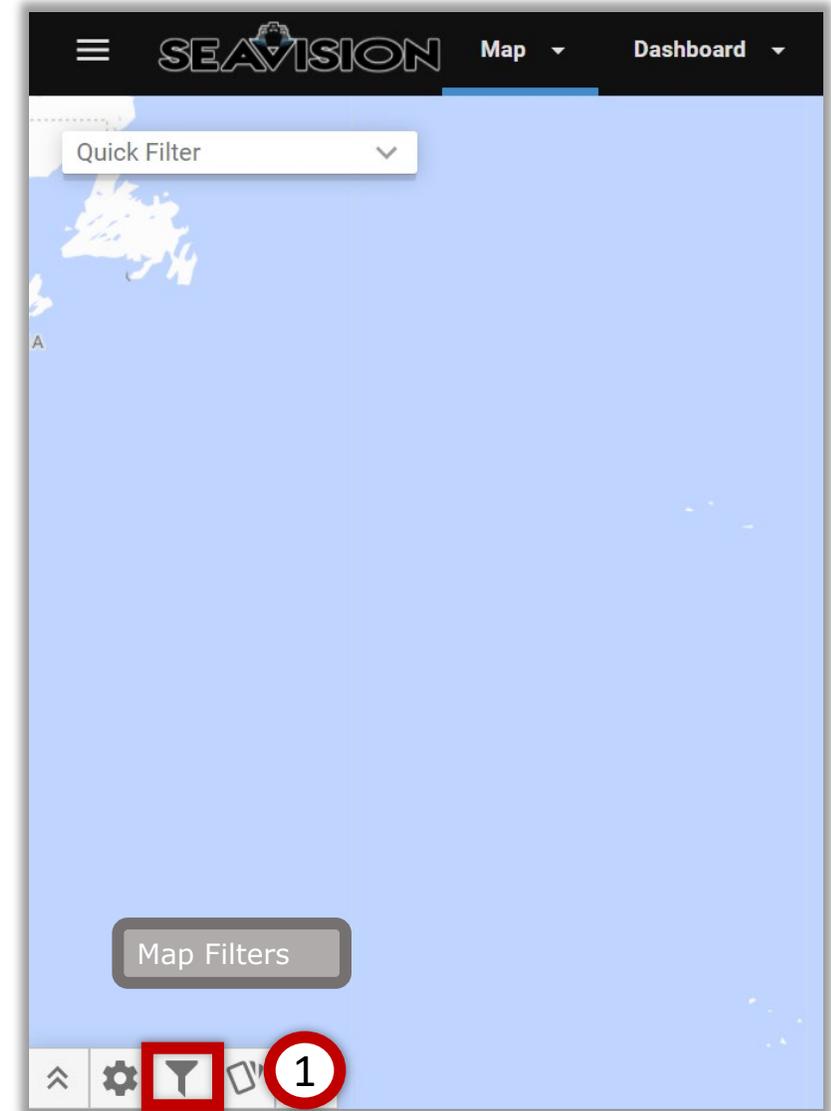
# Learning Objectives

Upon successful completion of this lesson, the student will be able to:

- Access Map Filters
- Describe the VESSEL TYPE filter
- Describe the DATA SOURCES filter
- Describe the EXTENDED filter
  - Vessel Lists and Rules
  - Alerts and Warning Scores
  - Anomalies
- Describe the VESSEL AGE filter
- Describe the Automatic Identification System (AIS) filter
- Describe the SHIP REGISTRY filter

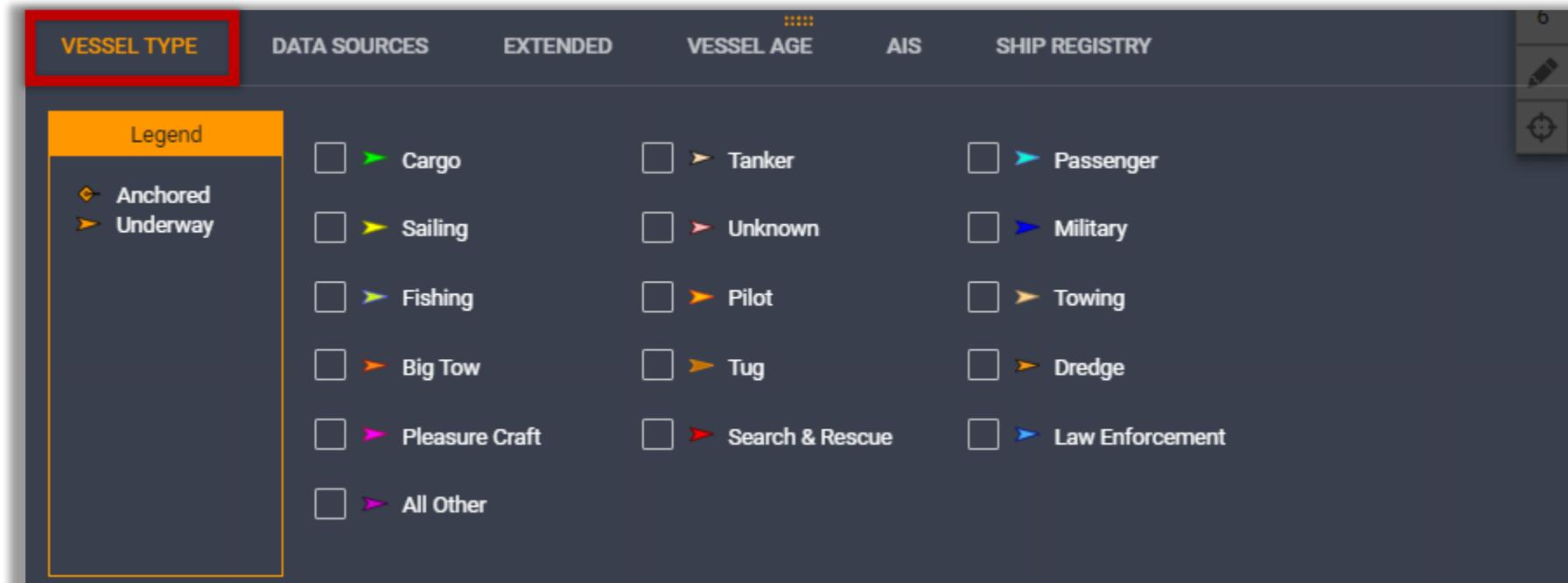
# Accessing Map Filters

## 1. Map Filters



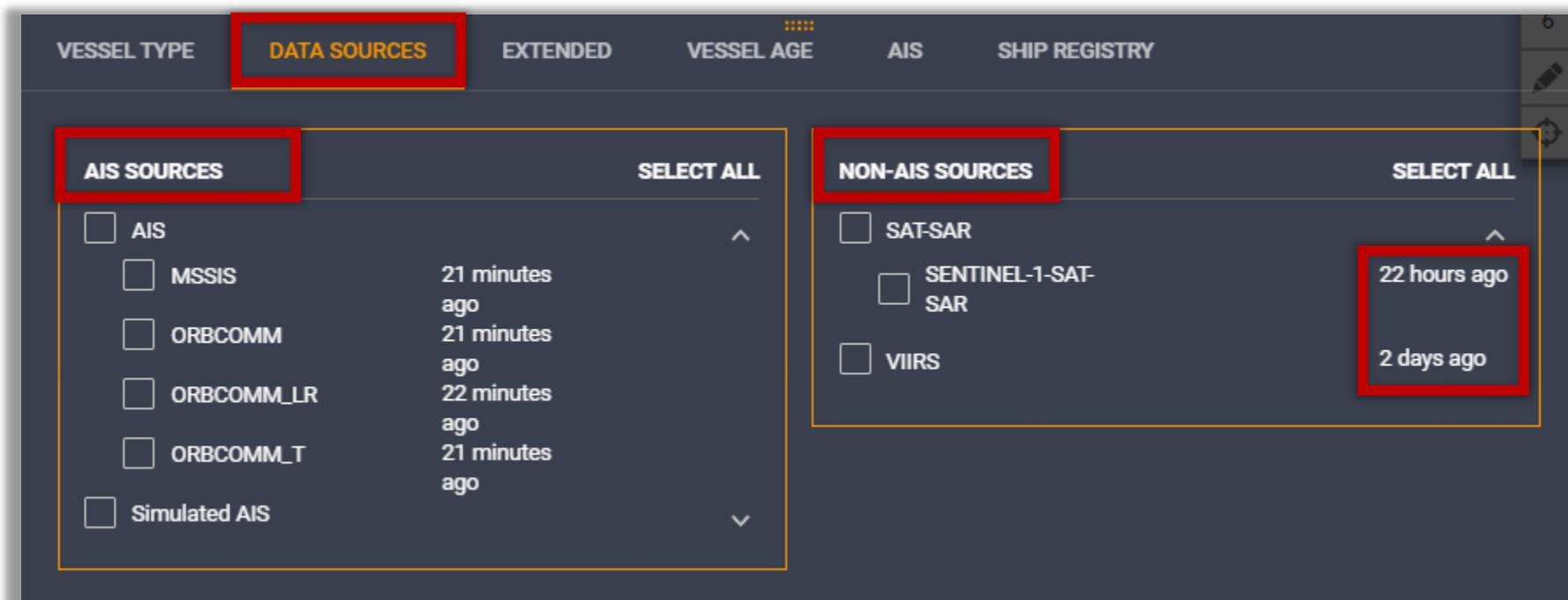
# VESSEL TYPE

- Filters the map to display only the selected vessel types
  - Default is for all vessels to be displayed



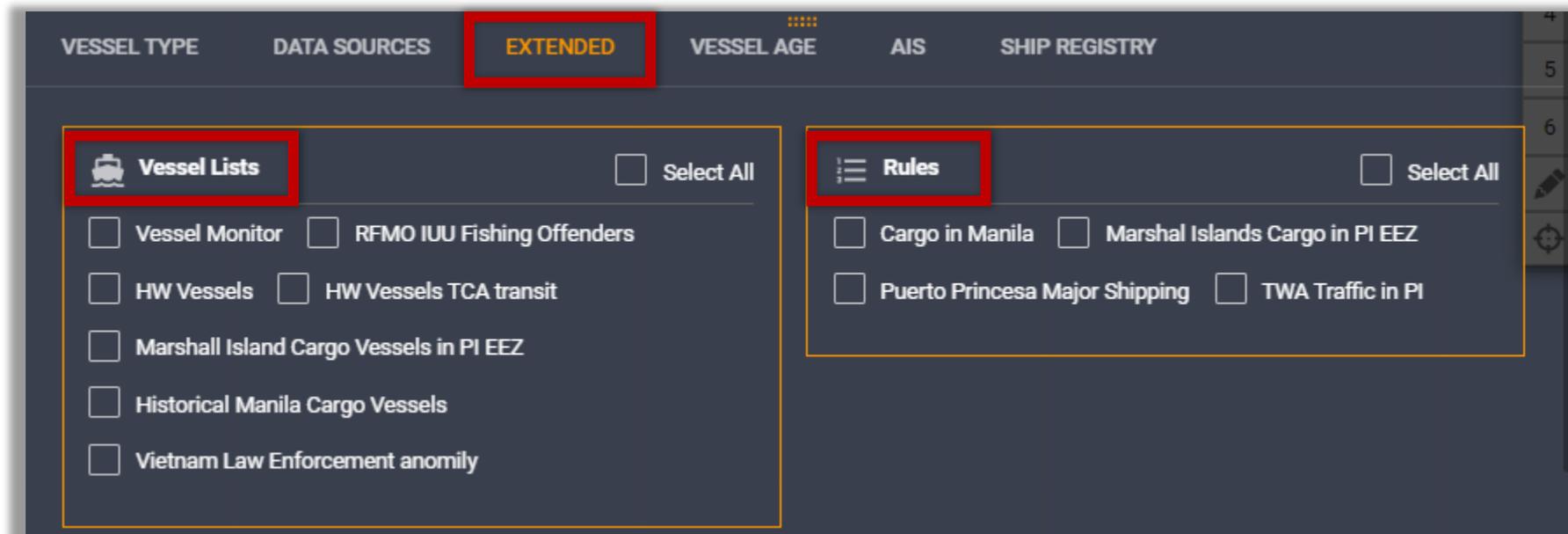
# DATA SOURCES

- Filters the map to display only the vessel locations provided from the AIS or NON-AIS SOURCES selected
  - For NON-AIS SOURCES, the VESSEL AGE must be set to at least the last time the selected data source was updated in order to view vessels on the map



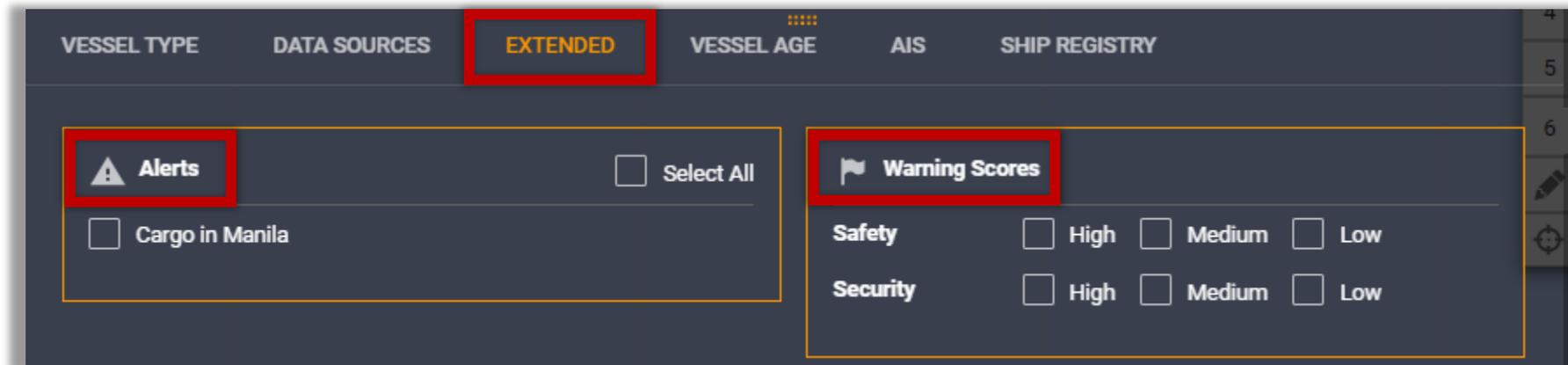
# EXTENDED: Vessel Lists and Rules

- Filters the map to display only the vessels from the selected Vessel Lists or Rules
  - Vessel Lists and Rules that are shared to the Persona or Community will also appear as possible filters



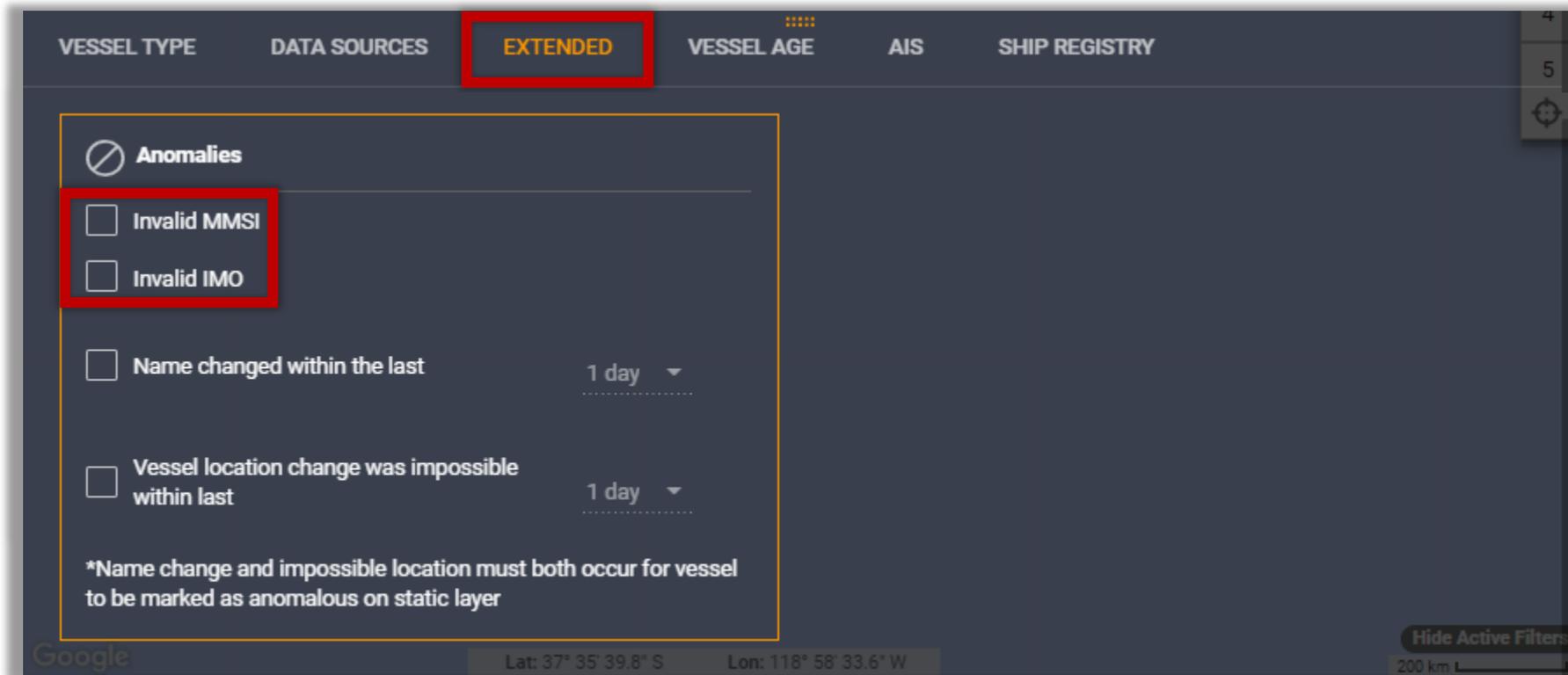
# EXTENDED: Alerts and Warning Scores

- Filters the map to display only the vessels from the selected Alerts or Warning Scores
  - Alerts that are shared to the Persona or Community will also appear as possible filters
  - Warning Scores are divided into two major categories: Safety and Security
    - Safety and Security are divided into three additional categories of High, Medium, and Low



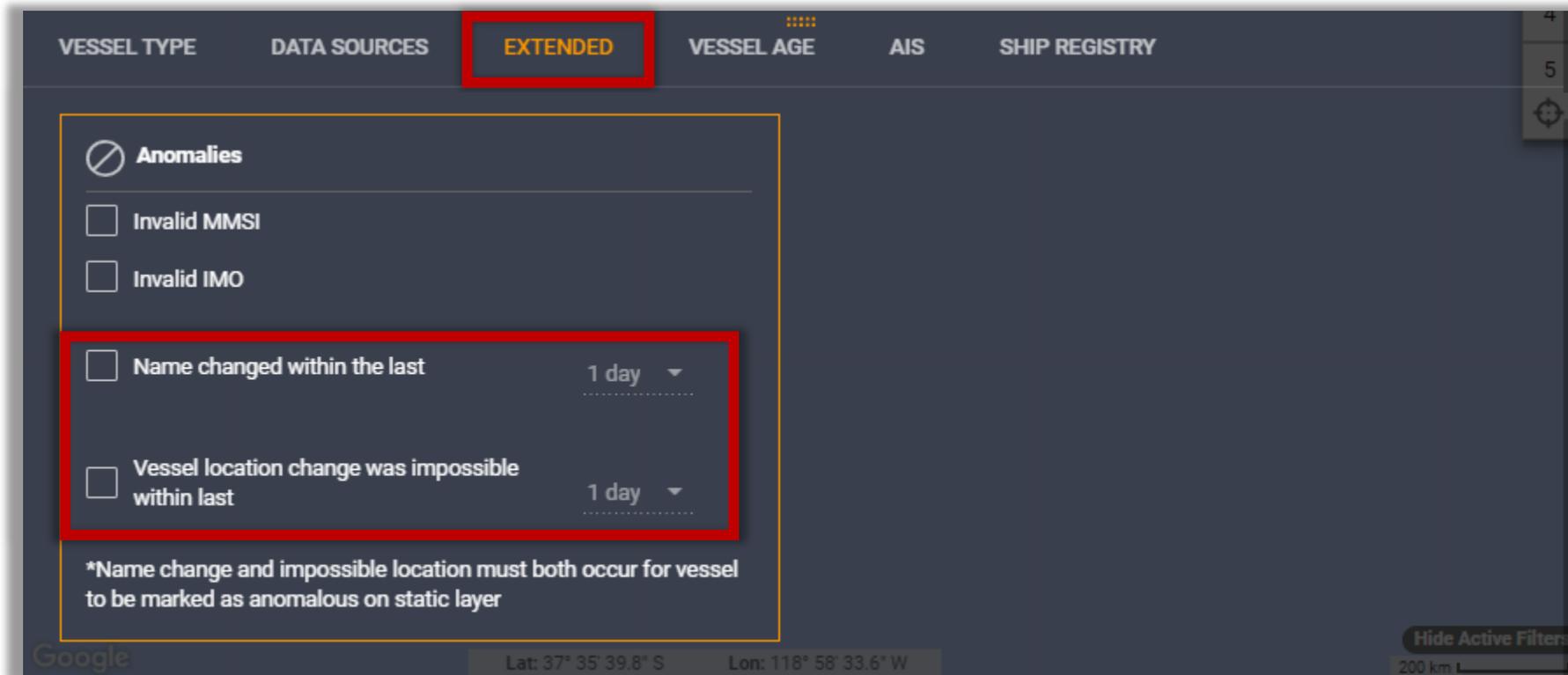
# EXTENDED: Anomalies

- Filters the map to display vessels with anomalous data
  - Invalid Maritime Mobile Service Identity (MMSI) or International Maritime Organization (IMO) could be due to truncated identification number, invalid country code (MMSI only), or multiple vessels reporting the same identification number



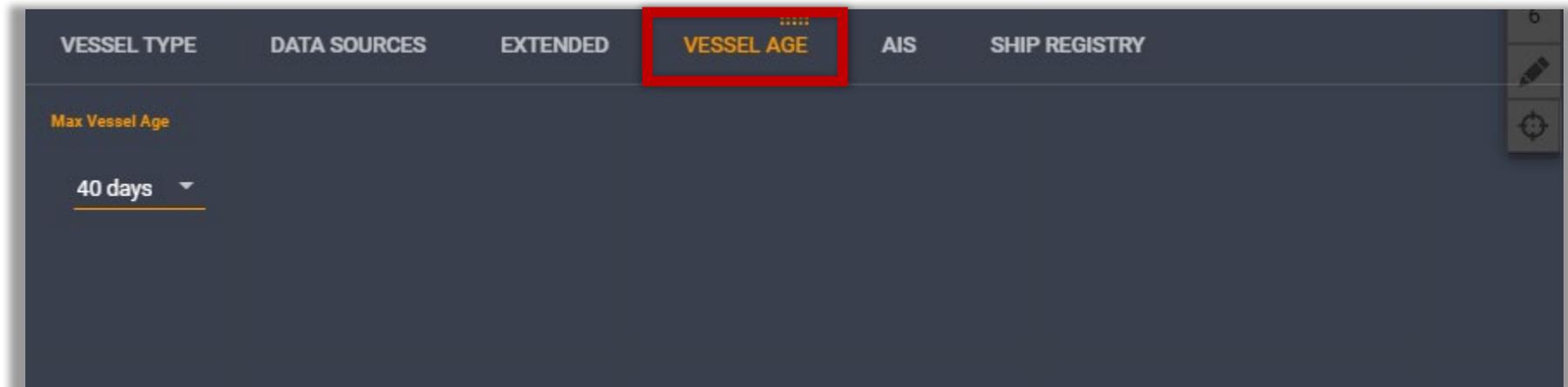
# EXTENDED: Anomalies Cont.

- Name change within the last 1 to 7 days will register as anomalous
- Vessel location change was impossible within the last 1 to 7 days could be due to multiple vessels reporting the same MMSI or IMO number



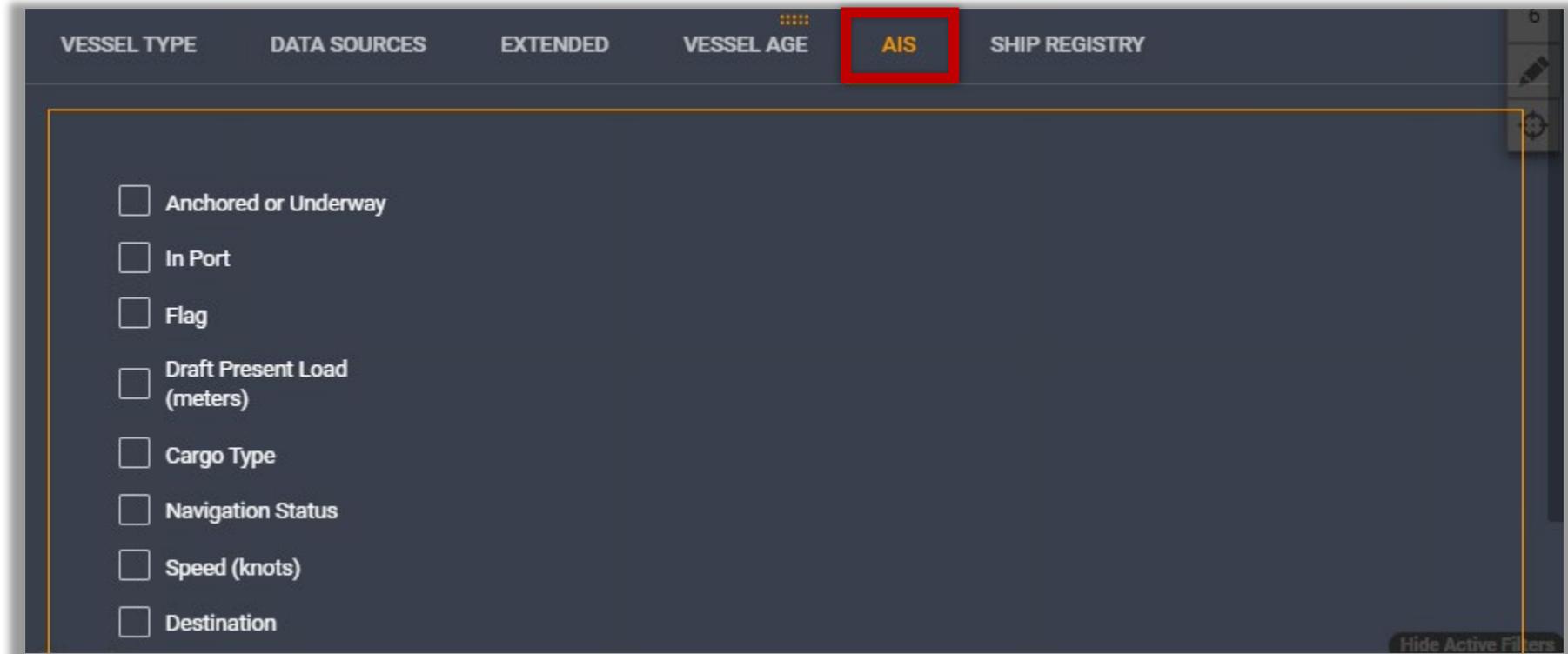
# VESSEL AGE

- Filters the map to display only vessels whose AIS position report is no older than the Max Vessel Age selected
- Max Vessel Age range is from:
  - 1 hour–23 hours
  - 1 day–90 days



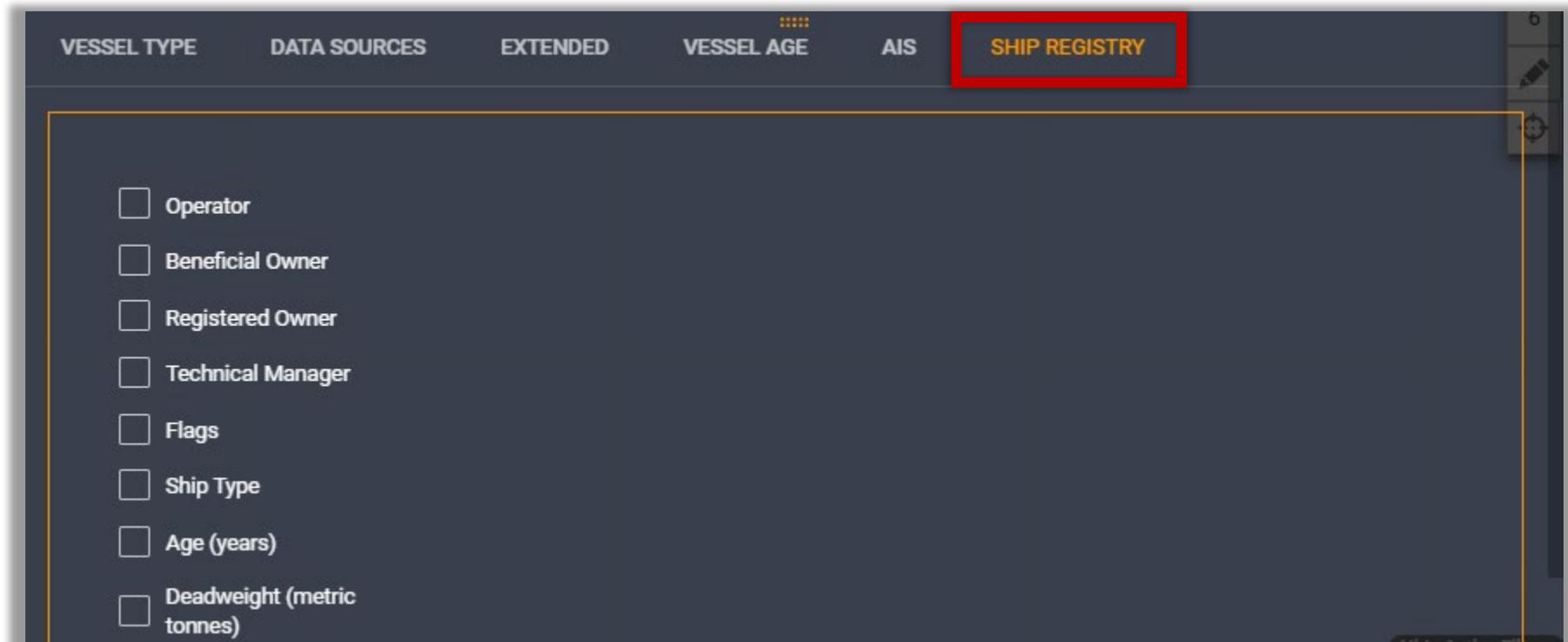
# AIS

- Filters the map to display vessels based on specific information from AIS position reports



# SHIP REGISTRY

- Filters the map to display vessels based on specific information from the IMO Registry
  - A vessel must be registered to the IMO for it to appear when this filter is applied



# Summary

In this lesson, we covered:

- Accessing Map Filters
- VESSEL TYPE filters
- DATA SOURCES filters
- EXTENDED filters
  - Vessel Lists and Rules
  - Alerts and Warning Scores
  - Anomalies
- VESSEL AGE filters
- AIS filters
- SHIP REGISTRY filters