

Rules

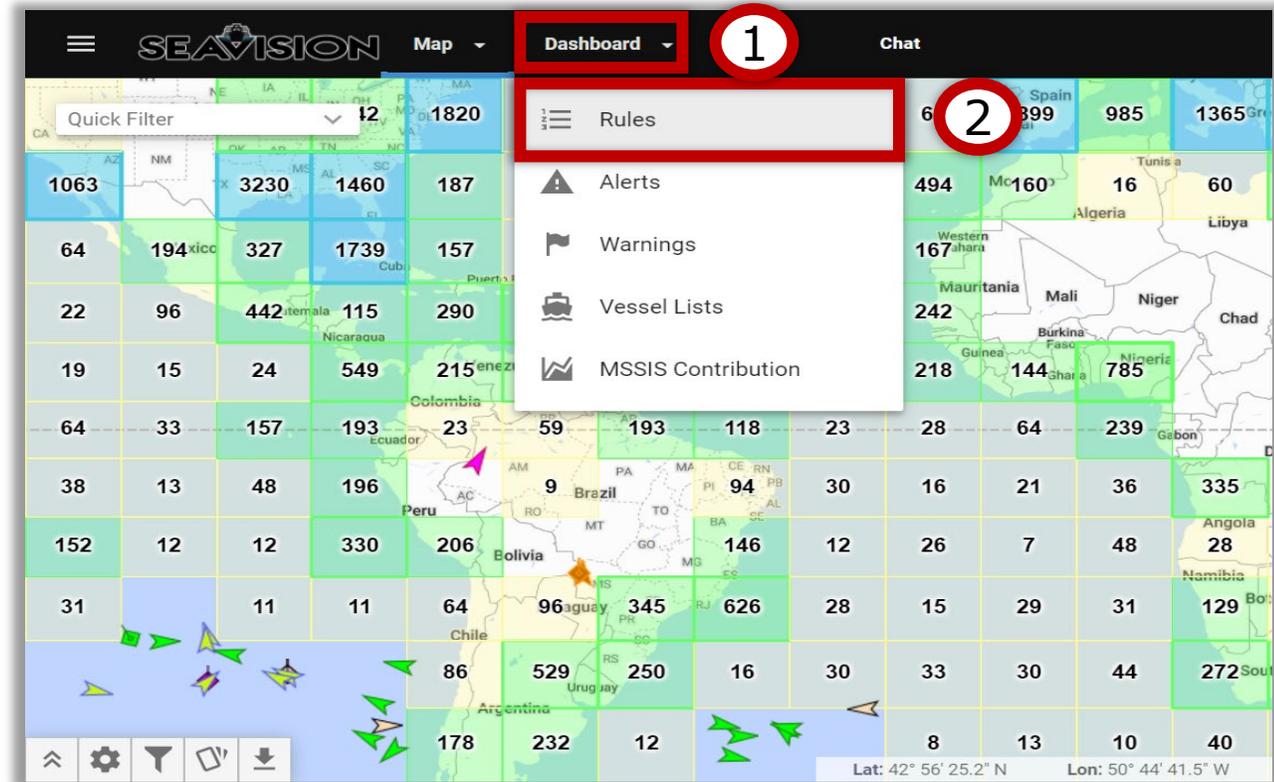
Learning Objectives

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

- Access Rules
- Explain the features of Rules
- Create a Rule
- Configure Rules Settings
- Manage Rule Options
- Explain Rules evaluated as “Vessel Must Meet All Conditions”
- Explain Rules evaluated as “Vessel Can Meet Any Condition”

Accessing Rules

1. Dashboard
2. Rules



Rules Features

- Rules are user-created vessel searches that run automatically until they expire every 30 days
- Rules are run against the same dataset as Search
- Rules can be shared to a Persona or a Community

The screenshot displays the 'Rules' interface with three main panels:

- Active Rules (2):** A list of rules including 'Tankers Underway Flagged...' and 'Cargo in the Polygon'.
- Rules Detail:** A detailed view of the 'Tankers Underway Flagged...' rule, showing:
 - LAST UPDATED:** 2020-11-16 22:32:25 by SeaVision User
 - CONDITIONS (2):**
 - Vessel Type is 8X - Tanker
 - Navigation Status is AIS-SART / MOB-AIS / EPIRB-AIS

Must match all conditions using vessel data no greater than 2 hours ago from time of search
 - SCHEDULED:**
 - Runtime: Starting at 12:00 UTC daily
 - Interval: Every 2 Hours
 - RUNTIME INFORMATION:**
 - Enabled: Yes
 - Expiry: Expires in 7d 0h 0m
 - Is Running: No
 - Last Scheduled Completion: 2020-12-09 16:00:04
 - Last Manual Completion: 2020-11-25 18:34:34 by
- Results - Vessels Matching Rules (1):** A table showing one result:

MMSI	VESSEL NAME	VESSEL TYPE
325113100	Yuantong2	8-Tanker

Creating a Rule

1. Plus (+)
2. Name Your Rule
3. Choose How To Evaluate Your Conditions
4. Set Up Your Conditions
5. Choose The Evaluation Time And Interval
6. SAVE YOUR RULE

The screenshot shows a mobile application interface for creating a rule. It is divided into several sections, each highlighted with a red box and a circled number:

- 1**: A blue circle with a white plus sign (+) is located at the top left of the interface.
- 2**: A red box labeled "Name Your Rule" contains a text input field with the word "Training" entered.
- 3**: A red box labeled "Choose How To Evaluate Your Conditions" contains two radio button options: "Vessels must meet all conditions" (selected) and "Vessels can meet any condition and will accumulate a score associated with the condition".
- 4**: A red box labeled "Set Up Your Conditions" contains a dropdown menu with "Vessel Type" selected, followed by the word "is".
- 5**: A red box labeled "Choose The Evaluation Time And Interval" contains two dropdown menus: "Time To Run" set to "12:00 UTC" and "Interval" set to "Every 12 Hours".
- 6**: A red box labeled "SAVE YOUR RULE" is a blue button at the bottom right. A blue checkmark icon and the text "Done!" are visible just above it.

Configuring Rules Settings

- Users can configure Rules Settings before running the Rule to customize the information displayed in the Results Columns

Results - Vessels Matching Rules (545) ↻

Vessel Results Vessel Analytics

EXPORT SAVE AS LIST MAP RESULTS **SETTINGS**

Rules Settings

Columns

Configure columns to display in results table

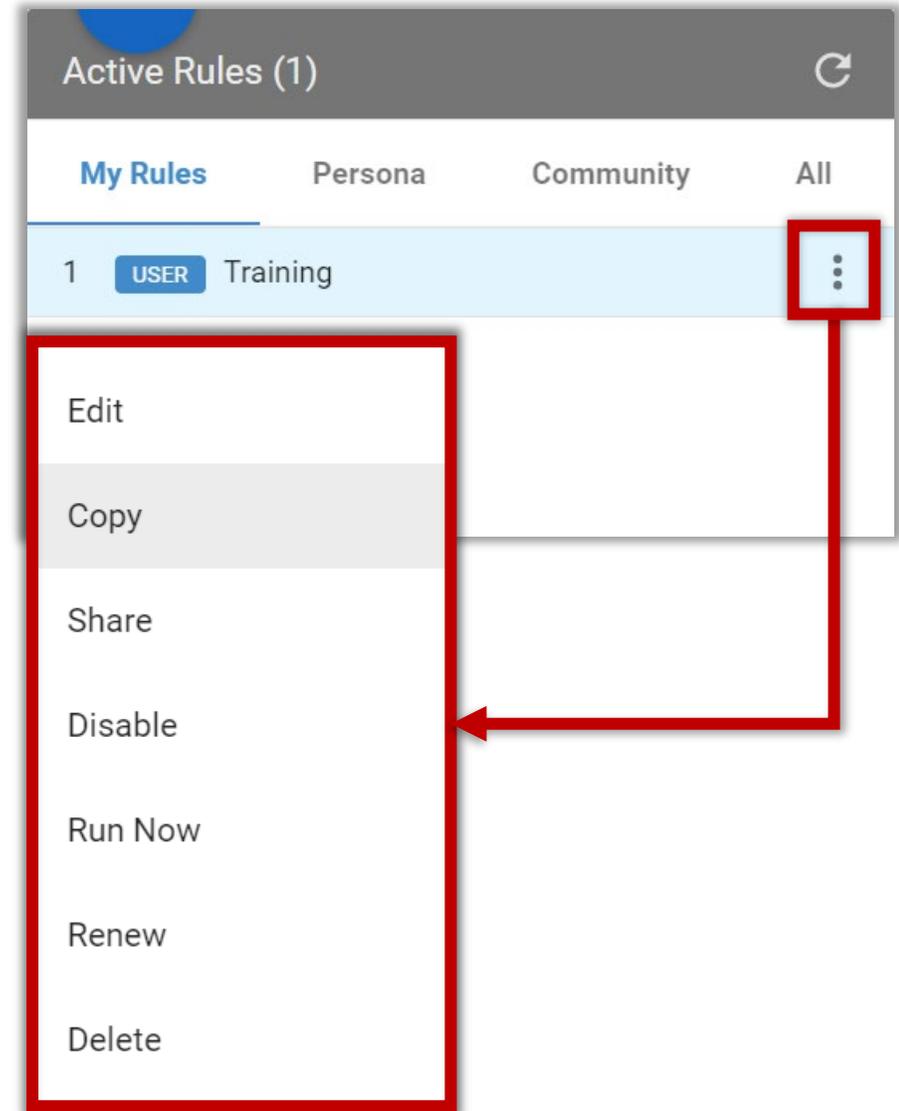
Select All

- MMSI
- IMO
- Vessel Name
- Latitude
- Longitude
- Heading
- AO
- EEZ
- Rule Score
- Rule Rating
- Warning Scores
- Safety Rating
- Security Rating
- Date Time Group
- Vessel Type

DEFAULT RESET **SAVE**

Managing Rule Options

- Users can select a saved Rule to:
 - Edit
 - Copy
 - Share
 - Disable
 - Run Now
 - Renew
 - Delete



Vessel Must Meet All Conditions

- Must meet all conditions
 - Vessels must match every condition selected

✓ **Choose How To Evaluate Your Conditions**

Vessel must meet all conditions

Vessels can meet any condition and will accumulate a score associated with the condition

✓ **Set Up Your Conditions**

Vessel Type is 7X - Cargo

AND

Flag is United States of America

AND

Propulsion type is Propellers

Vessel Can Meet Any Condition

- Vessel can meet any condition and will accumulate a score associated with the condition
- Weights can be assigned to the conditions in order to sort results based on assigned priorities
 - Priority sorting will be based on the cumulative weights assigned to the conditions resulting in a "RULE SCORE" in the results table

Choose How To Evaluate Your Conditions

Vessels must meet all conditions

Vessel can meet any condition and will accumulate a score associated with the condition

Set Up Your Conditions

			Weight	
Vessel Type	is	7X - Cargo	1	X
OR				
Flag	is	United States ...	2	X

ADD CONDITION

Set Score Thresholds for the Low/Medium boundary: 1

Set Score Thresholds for the Medium/High boundary: 2

Summary

- In this lesson, we covered:
 - Accessing Rules
 - The features of Rules
 - Creating a Rule
 - Configuring Rules Settings
 - Managing Rule Options
 - Rules evaluated as “Vessel Must Meet All Conditions”
 - Rules evaluated as “Vessel Can Meet Any Condition”