

Operational View

SeaVision provides Maritime Domain Awareness.

Safety

Search and Rescue ♦ Accidents at Sea
Navies ♦ Coast Guard ♦ Port Authority

Security

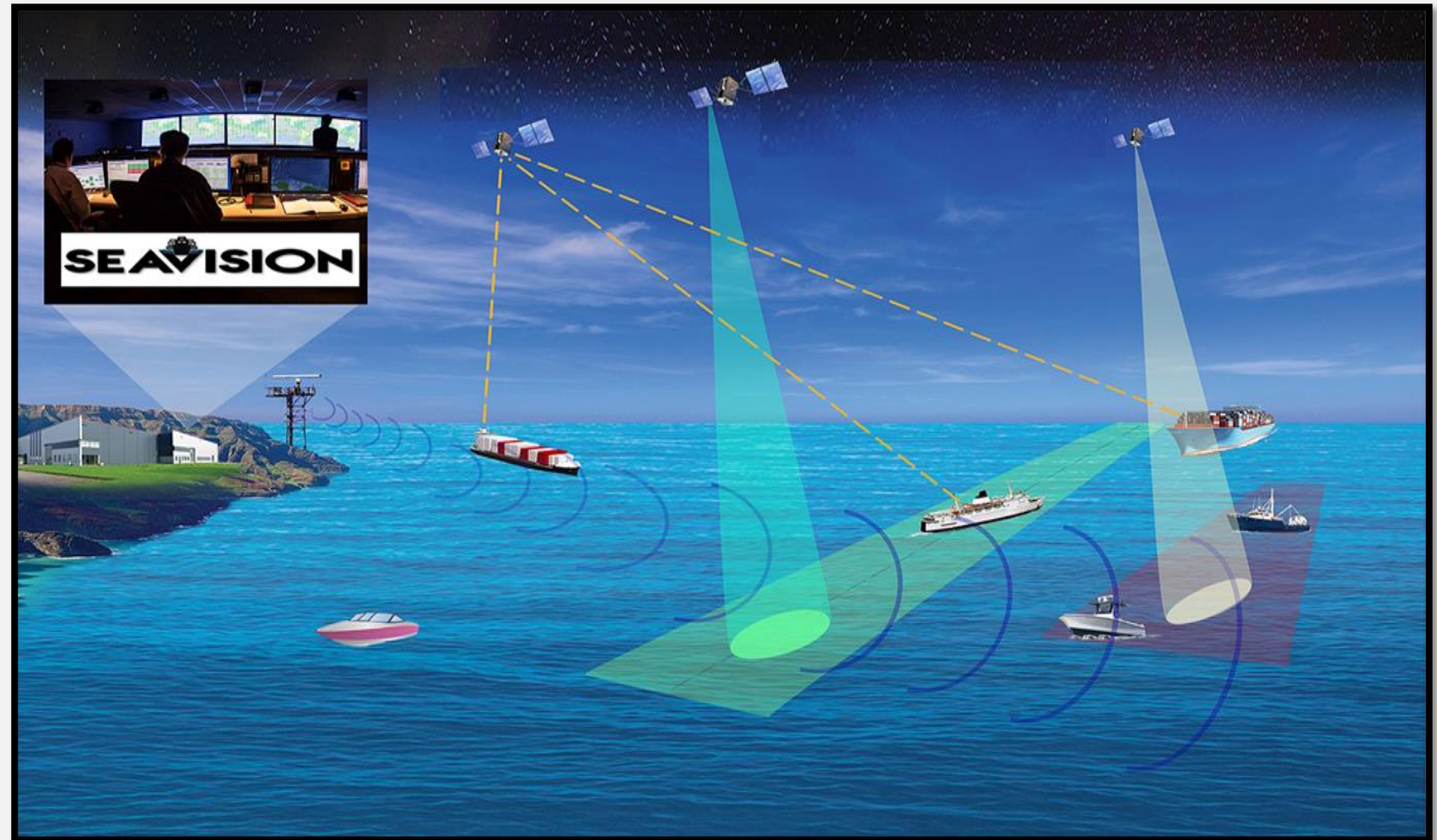
Terrorism ♦ Robbery ♦ Piracy ♦ Human
Trafficking ♦ Illegal cargo
Coast Guard ♦ Port Authority ♦ Maritime
Police

Economic

IUU fishing ♦ Oil Spills
Customs ♦ Fisheries

Environment

Oil Spill ♦ Illegal Dumping
Environmental Agencies



System Overview

- Unclassified, web-based Maritime Situational Awareness tool
- Visualize and correlate multiple data sources
 - Geo-Spatial Data
 - Databases
- Rules-based analytics to evaluate and notify users of maritime events

Ocean Spirit

Source: EXACTEARTH_LAF
Time: 2023 Oct 18 18:51:37 UTC
Age: 0h 1m 20s ago
Position: 18° 40' 50" S, 40° 46' 40" E
Speed: 11 kts
Heading: 221°
Course: 218.6°
MMSI: 636015556
IMO Number: 9642019
Flag: Liberia
Call Sign: D5BM3
Vessel Type: 8-Tanker
AIS Class: A
Length: 183 m
Beam: 32 m
Draft: 12.1 m
Navigation Status: 0-Underway(Engine)
Destination: INNML>ZADUR
ETA: Oct 21 17:30

REGISTRATION	
NAME	IHS
Fairplay Sid	227781
Name	OCEAN SPIRIT
IMO Number	9642019
Call Sign	D5BM3
MMSI	636015556
Flag	Liberia
SubType	Chemical/Oil Products Tanker
Gross Tonnage	30017
Deadweight	49995
Year Due Or Delivered	2012
Sub Status	In Service/Commission

Vessel Details

Vessel Details - IMO: 9324667

[Back To Main Table](#)

[Expand All](#)

[Collapse All](#)

Main Information

MMSI	636022156	Ship Status	In Service/Commission
Ship Name	AE SATURN	Ship Builder	Tsuneishi Heavy Inds Cebu
IMO Number	9324667		
Callsign	5LHK9		
Flag	Liberia		
Operator	Asian Eagle Shipping Ltd		
Ship Type	Bulk Carrier		
Tonnage	30046		
Deadweight	52385		
Built Year	2006		



International Maritime Organization Ship Registry Database provide valuable information for IMO registered ships

- Registration Details
- Ownership history
- Port State Control inspection records
- Port Call records

Flag, Call Sign and MMSI History

Flag	Callsign	MMSI	Effective Date
Germany ,Liberia	—	—	2006-08
Hong Kong	VRFS6	477627100	2009-11
Panama	3E2389	352978155	2021-08
Liberia	5LHK9	636022156	2022-12

Compatibility with Additional Resources

Utilizing additional resources for MDA helps to “see the bigger picture”

- Open Sources
- AI data
- Partner Assistance
- DCoC Regional Information Sharing

Fishing Related Activities (entire AOI)	2019	2020	Change
Low-Speed Fishing	151	192	27.15%
Dark Activities	101	79	-21.78%
Meetings (Ship-to-Ship)	17	54	217.65%
Port Calls	91	102	12.09%
Total number of activities	360	433	20.28%
Total number of vessels	133	159	19.55%
Total number of vessels	133	120	-8.27%
Total number of activities	360	433	20.28%



Information Page

<https://info.seavision.volpe.dot.gov>

