



SeaVision Operator

Unit 1 Review

07/01/2020

DISTRIBUTION STATEMENT A. Approved for public release: distribution unlimited.



SeaVision Overview Summary

- Web-based maritime situational awareness tool
- Supports Host MDA mission
- Data Sources:
 - Automated Identification System (AIS)
 - Fairplay by Information Handling Service (IHS) Markit
 - Coastal RADAR
 - Satellite Synthetic Aperture RADAR (SAT-SAR)
 - Visual Infrared Imaging Radiometer Suite (VIIRS)



SeaVision Maritime Domain Awareness Summary

- Maritime Domain Awareness
 - The effective understanding of anything associated with the maritime domain that could impact security, safety, an economy, or the environment
- Sharing information
 - Ensuring all nations have effective MDA is critical



SeaVision Data Sources Summary

- Automated Identification System (AIS)
 - Terrestrial and Satellite
- Fairplay by Information Handling Service (IHS) Markit
- Coastal RADAR
 - Correlated with Terrestrial AIS
- Satellite Synthetic Aperture RADAR (SAT-SAR)
 - Correlated with AIS
- Visual Infrared Imaging Radiometer Suite (VIIRS)



SeaVision Account Management Summary

- **SeaVision Communities:**
 - SeaVision user management is set using Communities and Personas
 - Users can share various lists and objects within SeaVision
- **SeaVision Account Creation:**
 - A computer with a working internet connection and web browser (Chrome recommended)
 - An active, reliable, and easily accessible email address
 - A government maritime-focused career or a government sponsor with a maritime-focused mission



Data Fusion Summary

- External References
 - International Maritime Organization
 - Global Fishing Watch
 - Marine Traffic
- AIS Validity
 - Errors
 - Manipulation
 - Spoofing
- Data Validation
 - Use situation awareness
 - Use SeaVision tools
 - Not every case is intentional



Questions?

