

OCEAN SURVEILLANCE SYSTEM



An Artificial Intelligence Engine that facilitates object detection and tracking in ocean surveillance videos from the cameras mounted on the buoys deployed in the ocean.

FEATURES

- # Following objects can be detected:
Boat, Buoy, Ship, Person, Shore port, Light spot, Fish and Birds.
- # Trajectory analysis for moving objects like boats and ships.
- # Gives the collective and the individual count for the objects under tracking.
- # Enables rapid object search along with the metadata information like first and last appearance time, buoy id, camera id and object name.



* Video input courtesy: National Institute of Ocean Technology (NIOT)



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