

TRIDENT

A CybELE service



CYBELE





**DEVELOPING THE 1ST SERVICES
BASED ON SATELLITE EO
TECHNOLOGIES TO MONITOR
THE COMPLIANCE OF THE SHIP
RECYCLING REGULATIONS.**





Ship recycling facilities monitoring

Developing the **1st services based on Satellite EO technologies to monitor the compliance of the Ship Recycling Regulations.**

Vessel Detection
& Identification

Trident services include :

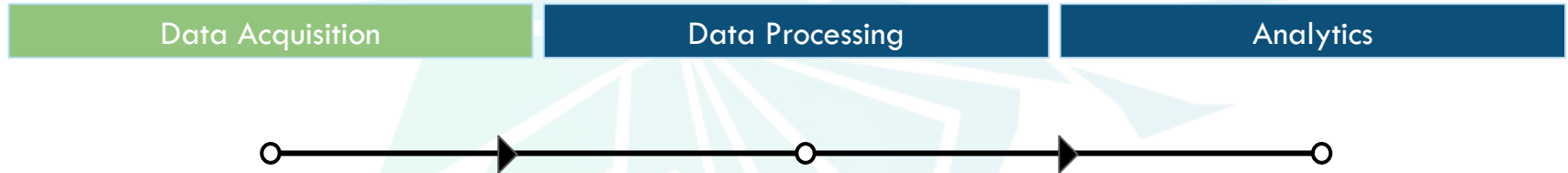
- Automated detection of vessels (supported by AI/ML technology)
- Classification and identification of vessels suspected of non-compliance
- Fusion of AIS and SatEO data (medium and high-resolution)
- Continuous monitoring of ship recycling facilities
- Vessel tracking support (for “Dark vessels”)



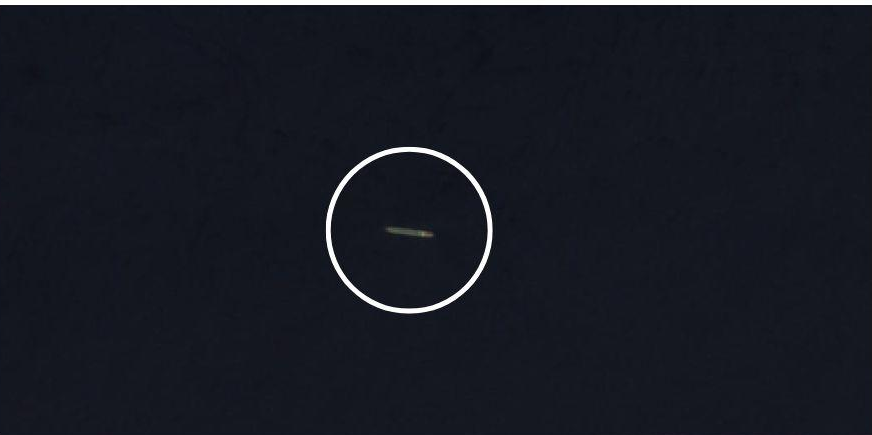
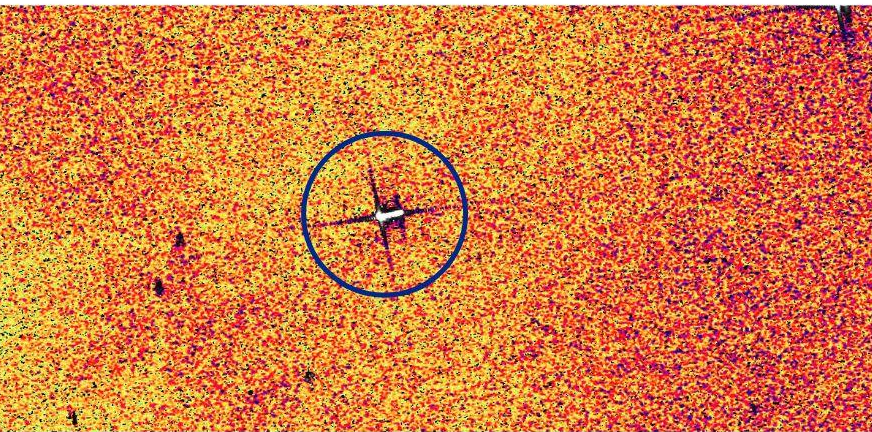
Use of the NoR



The Network of Resources (NoR) has enabled us to **streamline the process of acquiring and processing** medium and high resolution optical satellite images. Our partner Sentinel-Hub's cloud environments have been instrumental in saving time and resources during data acquisition and data pre-processing activities.

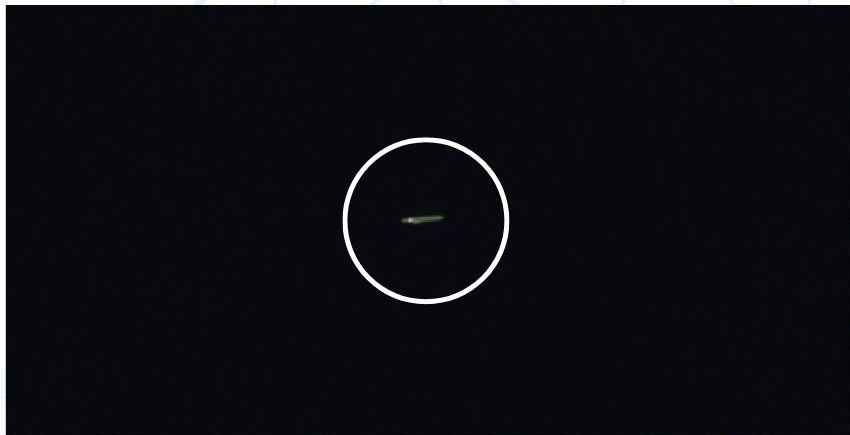


TRIDENT has proven to be beneficial for the law enforcement community as it offers a range of tools to investigate and monitor compliance with ship recycling regulations. The following are examples of some of the tools provided.



TRACKING

Combining satellite Earth Observation data with other data to track vessels suspected of non-complying with ship recycling regulations.



IDENTIFICATION



ALEXITA SPIRIT
IMO: 9152507



Detection, classification and identification of unknown vessels using a combination of satellite and non satellite data.

IDENTIFICATION

ALEXITA SPIRIT
IMO: 9152507

Tanker

Satellite image : 2019-05-08

Location : Alang (India)



Associated
SatEO satellite image
for identification

