



SEA-HAWK

Polarimetric Radar for Advanced Surface Detection

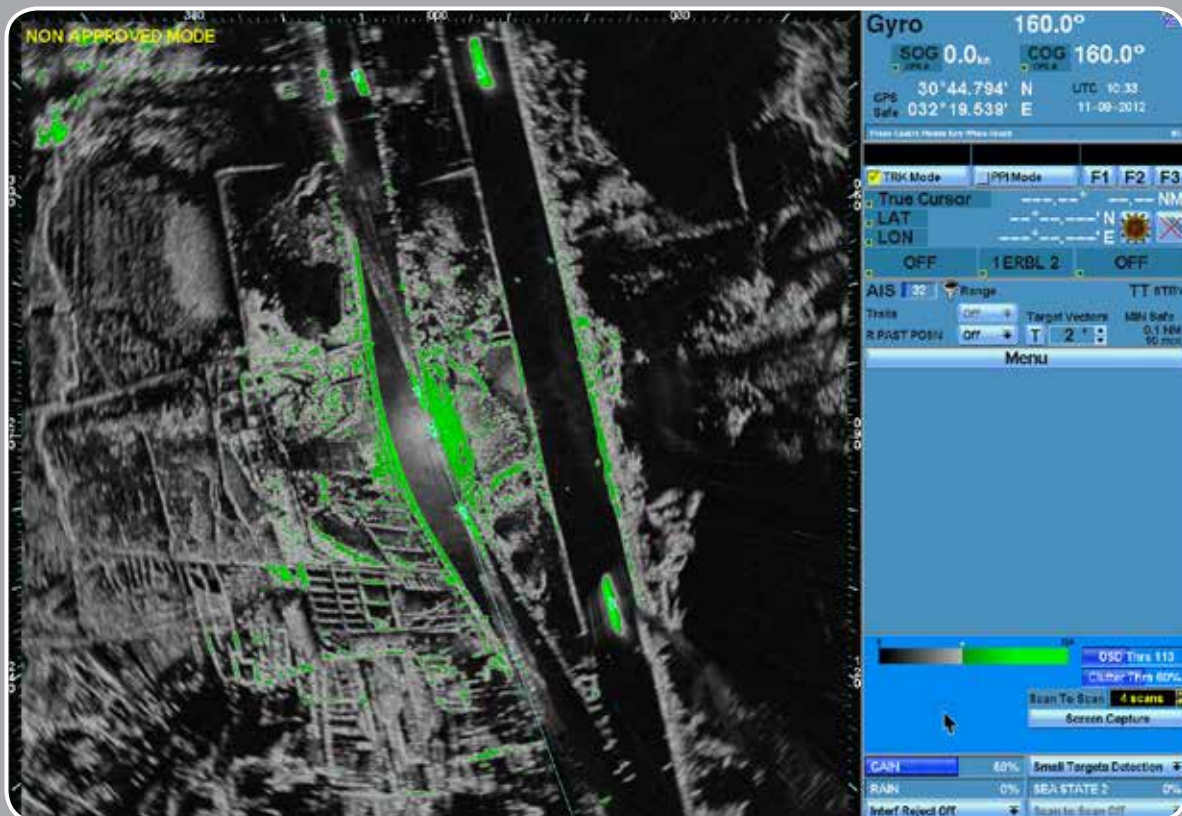


Image from MV Pacific Explorer: Passing through the Suez canal 11th of Sept. 2012.

All in One

- Small target detection
Rescue operations - Pirates - Ice detection
- X Band ARPA Navigation Radar
- Oil Spill detection

SMALL TARGET DETECTION: Ice, Surface, and Small Target Detection...



Photo: MV Polarcus Asima, Polarcus

Sea-Hawk's Polarimetric Radar are used by Seismic and Seismic Support vessels for advanced surface detection during seismic survey operations. Sea-Hawk can detect very small objects which can be harmful for the seismic cables.



Photo: Sea-Hawk onboard MV Maersk Gabarus outside Greenland, Aug. 2012

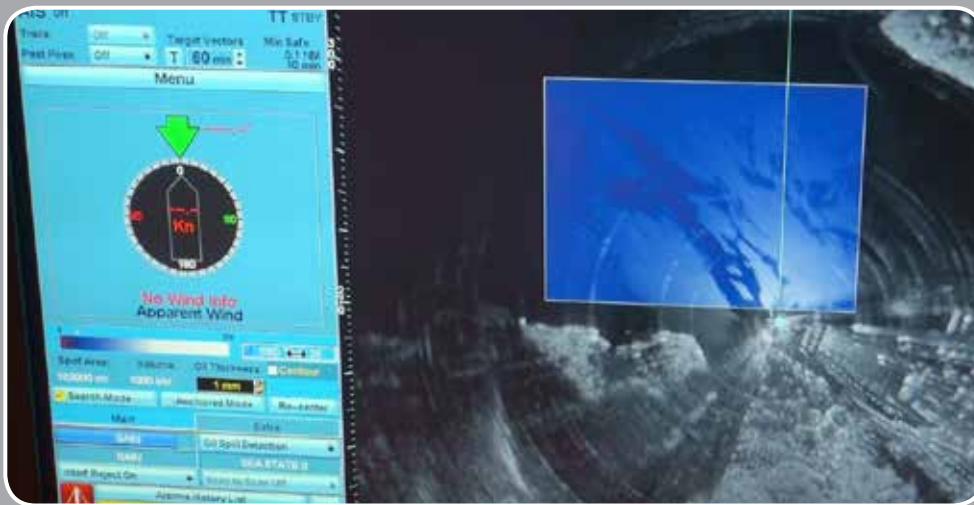
During Arctic operations, Sea-Hawk Radars are used for tracking of Icebergs, Bergy Bits, and Growlers.. The Sea-Hawk is outstanding when the weather gets rough with high breaking seas, polar fog, frozen rain or snow.

OIL SPILL DETECTION:



Date: 4th of April 2011.

Oil slick after over-bunkering of diesel from a cargo vessel in Bergen Harbour. The Oil slick reached 0,5 nautical miles out in the harbour.



Oilslick visible on the Sea-Hawk Radar in Oil detection mode.

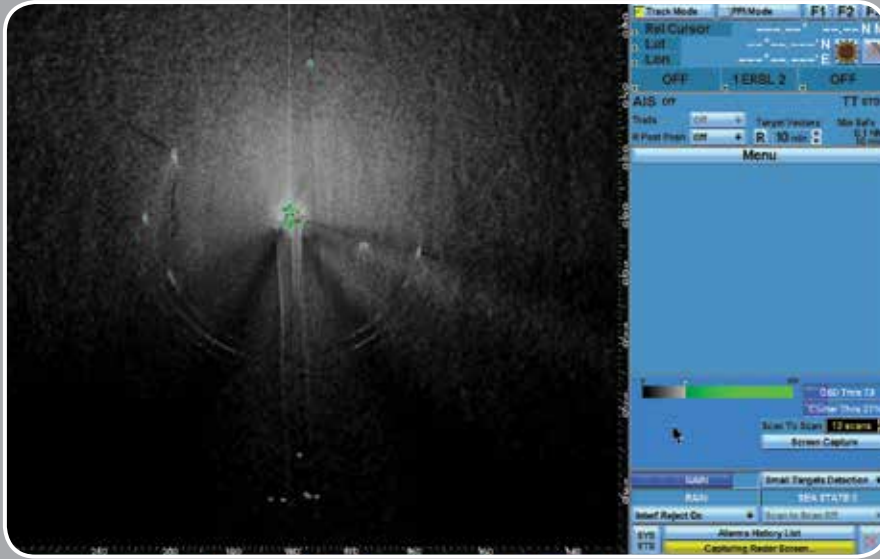
The Sea-Hawk Radar can operate both in “Small Target Detection” and in “Oil Spill Detection”. The thinnest oil slick can be detected, we have experience from the North Sea where we have tested the Radar with real Oil pollution together with Statoil. For Oil Spill Detection the combination of Radar Antennas are optimised to get better ranging of Oil spill detection.

The Sea-Hawk Radar can predict volume of the oil slick by entering the estimated thickness of the oil-film.



SEA-HAWK

ANTI PIRACY RADAR:



Outside Pemba in Tanzania, 10th of Nov. 2011.

Situation seen on the Radar screen: Seismic vessel in centre, with supply vessels in front and on each side. Two small fast-going crafts appear between the Seismic vessel and starboard supply vessel.



Photo of the two pirate crafts

Superior surface detection.

Sea-Hawk polarimetric radars are multi polarized, resulting in far more detailed detection ability than traditional radar systems.

Sea-Hawk can detect very small, fast moving objects and would therefore increase your anti-piracy capabilities to a higher level.

The Sea-Hawk radar is your future anti-piracy radar system.