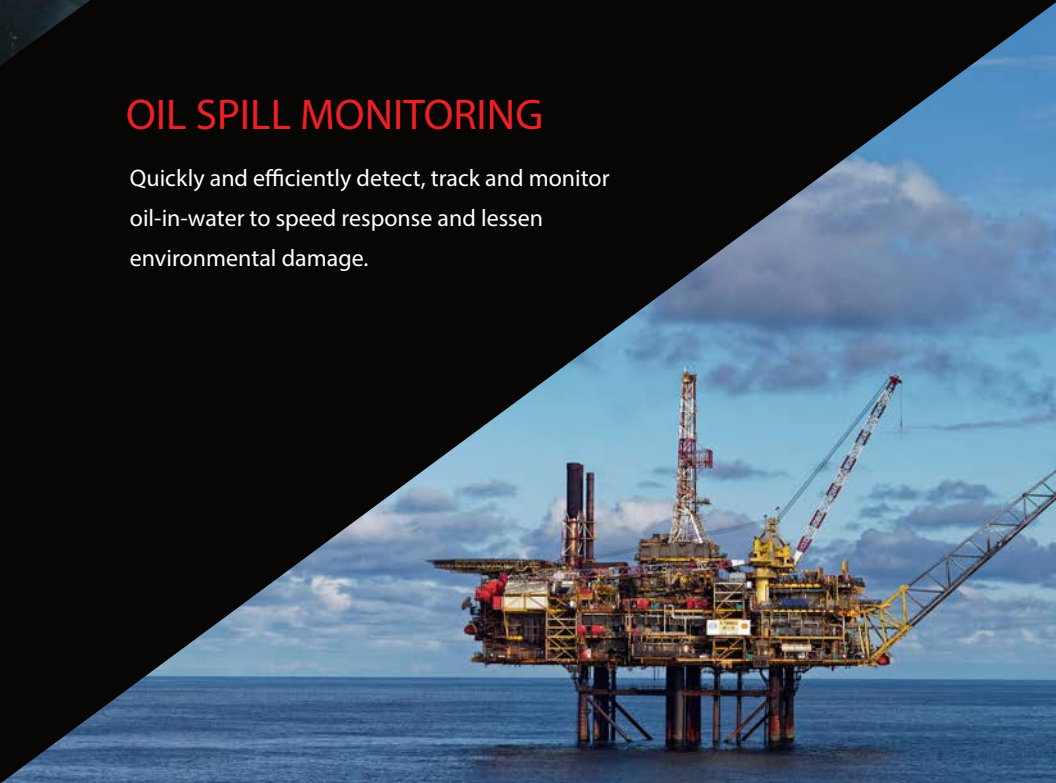




# Oil Spill Detection

## OIL SPILL MONITORING

Quickly and efficiently detect, track and monitor oil-in-water to speed response and lessen environmental damage.



# RUTTER

See Beyond

OIL & GAS • WORKBOATS • PORTS • OSROs • RESEARCH



# Oil Spill Detection

*Proven capability in early detection of oil with the presentation of essential data regarding oil spill deformation, drift, and volume estimates. **sigma S6 Oil Spill Detection** significantly improves response time and helps mitigate potential environmental impact.*

Here's how **Oil Spill Detection** can add value to your operation:

## **OIL & GAS**

Monitor critical areas such as production water, tanker loading zones, and subsea infrastructure for early warning of leaks and forming spills.

## **PORTS AND HARBORS**

Help ensure environmental integrity, monitoring areas of risk such as near refineries, subsea pipelines, and areas of high vessel traffic. Critical early detection aids in response times, protecting the ecosystem.

## **RESEARCH AND DRIFT MODELLING**

Real-time reports of spill location and outline throughout Rutter's data access tools. Validates drift models and allows for a feedback loop to refine modelling. Pair with WAMOS® II for live updates of wave and surface current data.

## **OIL SPILL RESPONSE ORGANIZATIONS**

Access 24/7 spill information such as location, drift history, and outlines to help effectively deploy resources to contain an incident. Monitor throughout the night when visual monitoring is hampered.



*sigma S6 Oil Spill Detection* has been rigorously tested and proven effective by the Norwegian Clean Seas Association for Operating Companies (NOFO).

# Effective Response Planning and Reporting



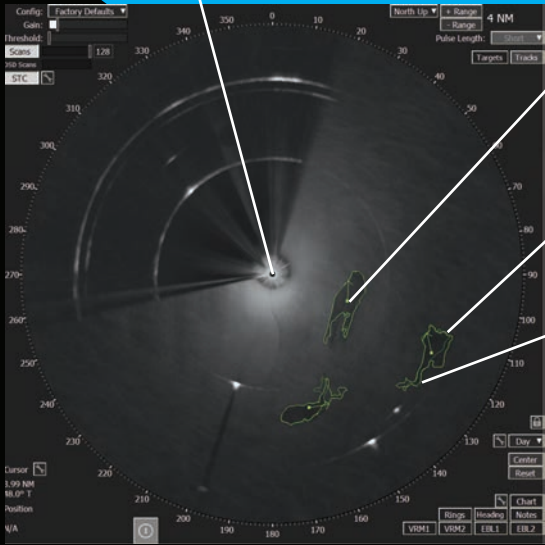
As a 'bolt-on' to most industry-standard marine radars, Oil Spill Detection gives the user visibility of and access to real-time oil spill data and tracking information to aid in decision-making.

High resolution radar imaging giving view of the entire operation

Drift tracked to give an instantaneous view of where the spill is heading

Outlines that show the spill extent and calculates surface area

Precise location data as a spill develops

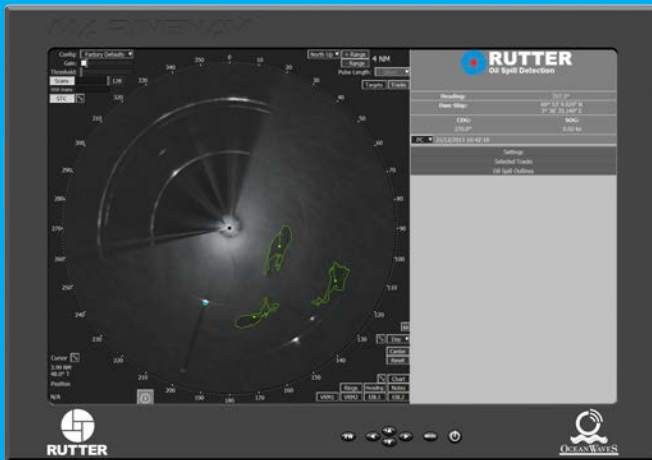


See Beyond

[rutter.ca/oil-spill](http://rutter.ca/oil-spill)

# Rutter Product Commitment

Since 1998, Rutter has been on the leading edge of radar image processing technology for the global marine sector. For over 20 years, we have helped mariners navigate safely through ice-hazards; detect and respond to oil spills; protect people, assets and coastlines, and conduct ocean-related research. Our commitment to new product development and service delivery is on display every day and we thank you for your continued trust in our people, products and services.



[rutter.ca](http://rutter.ca)



Current Monitor™  
Ice Navigator™  
Oil Spill Detection  
Small Target Surveillance  
WaMoS® II  
WaveSignal™  
WaveVision™