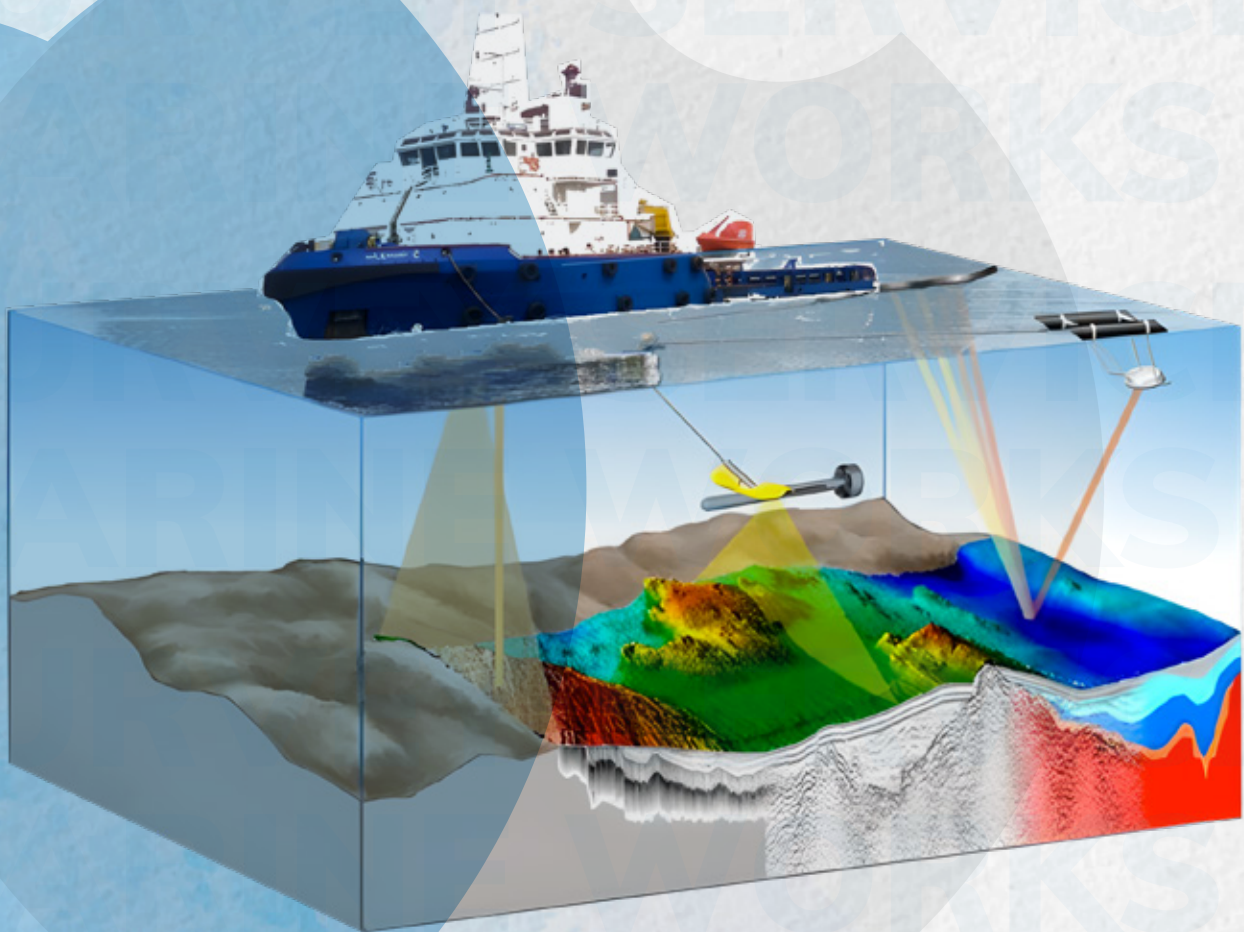




**SAROST**

# **MARINE WORKS & SURVEY SERVICES**





## PRESENTATION

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Established in 1982, SAROST is a leading provider of maritime services, offshore Energy facilities and related industries.

With an experienced and qualified team and staff of surveyors, divers, ROV pilots/ supervisors and marine engineers, SAROST provides a range of subsea IRM services of more than 40 years of experience with various offshore projects.

SAROST focus on meeting client's Energy needs by integrating all technical and environmental constraints for a better efficiency and balance between technology and organization.





**SAROST**

## MARINE WORKS & SURVEY SERVICES

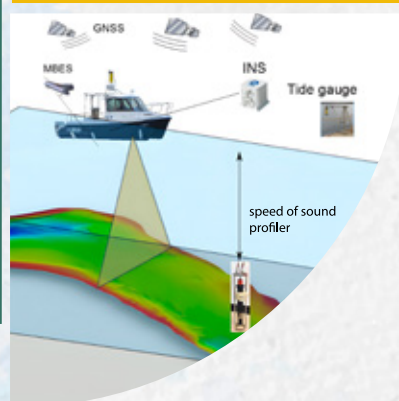


**DIVING  
SERVICES**



**ROV  
SERVICES**

**SURVEY  
SERVICES**







Our extensive experience in diving enables us to deliver complex and challenging projects for our clients. Our diving team are continually trained and all IMCA recognized. We are also certified by DNV, ABS and BV for In-Water survey.

We own a complete sets of diving equipment , including, surface supply air diving system, decompression hyperbaric chamber, as well as diving Non-Destructive Testing (NDT) equipment.



# DIVING MAIN ACTIVITIES

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- Underwater visual and NDT inspection
- Maintenance and repair of underwater structures (FSO, platforms, Vessels, sealines, pipelines, buoys, deadweights,...) including cleaning, leak survey, salvage operations, debris removal.
- Subsea assets installation, Vessel hull inspection (Under Water Inspection instead of Dry-Docking (UWILD))



**SAROST**

## DIVING EQUIPMENTS



**HIGH DEFINITION - DIVER VIDEO RECORDING SYSTEM**



**THE TWIN BRUSH UNDERWATER CLEANING UNIT**



**SRP 3 DIVER WITH RADIO & CCTV**



**BATHYCORROMETER SUBSEA CORROSION MONITORING**



**DECOMPRESSION CHAMBER**



**CYGNUS DIVER-HELD SUBSEA ULTRASONIC THICKNESS GAUGE**





We own and operate Saab Seaeye Tiger ROV (Remote Operated Vehicle), Tether Management System (TMS) equipped with 4 functions hydraulic manipulator arm, with optional survey equipment such as, Flooded Member Detection (FMD) , Cathodic Protection (CP), Ultrasonic Testing (UT), cleaning tools.

When necessary, SAROST is in position to provide WROV services , through its partners, operated jointly with our own ROV pilots / supervisors.

# ROV MAIN ACTIVITIES

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- Underwater inspection (General visual inspection, CP, UT, FMD).
- Drilling support ( including rig spud can survey, Leg penetration assessment and monitoring )
- Seabed survey and debris removal
- Subsea structures cleaning





**SAROST**

## ROV EQUIPMENTS



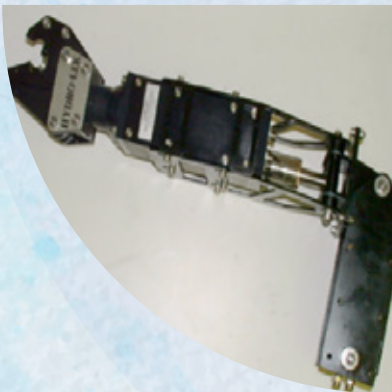
**SAAB SEAEYE TIGER ROV**



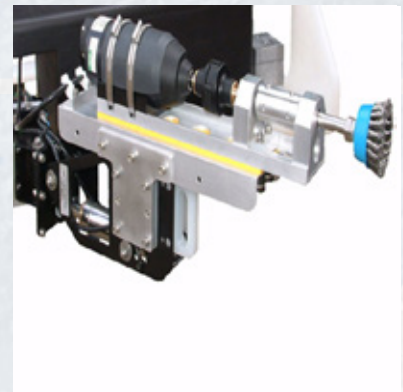
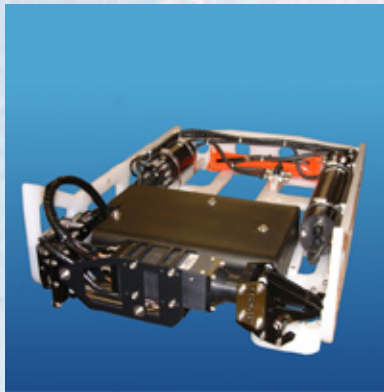
**SAAB SEAEYE TIGER ROV WITH 4  
FUNCTION HYDRAULIC MANIPULATOR,  
LARS AND CONTROL CABIN**



**TRITECH SUPERSEA PRINCE SONAR**



**4 FUNCTIONS HYDRAULIC MANIPULATOR**



**OPTIONAL TOOLS ; VARIOUS CLEANING  
TOOLS OPTIONS FMD GAMMA RAY,  
UT GAUGE, LASER ... ETC**





Our team of qualified hydrographic surveyors and marine engineers combined with high performance equipment, enable us to deliver the best expertise to meet the expectations of most demanding clients.



# SURVEY MAIN ACTIVITIES

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## GEOPHYSICAL SURVEY

- Sub-Bottom profiling
- Vibro coring
- Sediment sampling

## GEOTECHNICAL SURVEY

- Bathymetric Survey (Seabed mapping) using Multibeam echosounder
- Side Scan Sonar survey
- Detection of underwater metallic target
- Underwater positioning
- Pipeline inspection and tracking

## OCEANOGRAPHIC STUDY :

- Current profiles, waves, and tide monitoring using ADCP
- Hydrodynamical modeling: measurement and analysis of oceanographic and metrological parameters

# SURVEY MAIN ACTIVITIES

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## ENVIRONMENTAL STUDY :

- Environmental Baseline Survey as per the applicable regulations
- Environmental and social Impact Assessment including related management plan

## ENVIRONMENTAL SERVICES :

- Sediment sampling for Granulometric and pollutants analysis
- Benthic fauna and seagrass identification
- Water sampling
- Management of data base with spatial reference using ArcGis Pro





**SAROST**

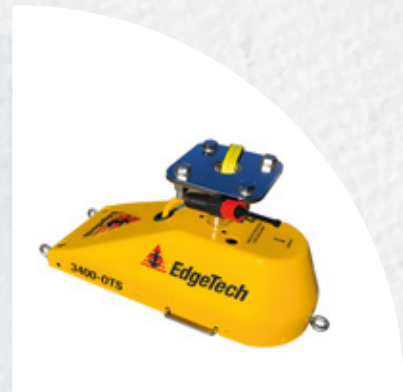
## SURVEY EQUIPMENTS



**MULTIBEAM  
ECHOSONDEUR R2SONIC**



**MULTIPARAMETRIC  
PROBE**



**SUB BOTTOM  
PROFILER**



**SIDE SCAN SONAR**



**MAGNETOMETER  
SEASPY2**



**SAROST**

## OUR MAIN CLIENTS







**SAROST**

[www.sarost.com](http://www.sarost.com)



*You can rely on us*

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