

TECHNICAL SPECIFICATION

SEAEYE TIGER INSPECTION-CLASS ROV SYSTEM



ROVOP

KNOWLEDGE IN DEPTH

SEAEYE TIGER INSPECTION-CLASS ROV SYSTEM

MODEL

Seaeye Tiger

MANUFACTURER

Saab Seaeye Ltd.

CLASSIFICATION

DNV Safe Area Only

TYPE

Observation & Inspection Class System
Free Swimming
Gravity-based single container arrangement
(no separate LARS)

STRUCTURE

Polypropylene Chassis

FRAME & FITTINGS

Stainless steel lifting frame
Stainless steel fittings and fasteners

ROV SPECIFICATIONS

ROV Depth rating	1,000msw
Length	1,030mm
Width	700mm
Height	590mm
Payload	32kg
Launch weight	150kg
Thrust Forward	62 kgf
Thrust Lateral	43 kgf

Thrust Vertical	22 kgf
Forward Speed	3 knots

UMBILICAL DATA CHANNELS

Allocated Twisted Pair 1 (Sonar / ROV)	
Spare Twisted Pairs	2
PAL SD Video	2

SKID

Tooling skid with 4 function manip
Optional 25mm wire cutter can be fitted in place of manipulator

WORK CAPABILITIES

Drill support
Light survey
Platform inspection and cleaning
Salvage and oceanographic
Survey jacket inspection and cleaning
Special tooling

SYSTEM POWER REQUIREMENTS

CONTROL VAN INPUT

Input Voltage	3-ph 380-480 VAC
Host power supply rating	63A

LARS

Supplied from control van

The Seaeye Tiger is widely regarded as the leading observation and inspection class vehicle within the oil and gas industry. With depth rating of 1000m the Tiger is a very stable platform and is able to perform well in strong currents and under the harshest conditions, providing excellent handling and manoeuvrability.

The open frame construction and generous payload offer the possibility of adding a wide range of tools and sensors as well as interchangeable tool skids. The Seaeye Tiger is operated in a free-swimming configuration, with up to 450m of umbilical cable, usually fitted to an electric winch