

ULTRA COMPACT OBSERVATION ROV

ARGUS's ROVER is an ultra compact observation class. The vehicle is suitable for drill support, NDT, survey, and touch down monitoring. It can be mobilised on vessels and rigs with limited deck space. Designed with ease of operation and maintenance in mind. Rover use electric thrusters increases ROV efficiency by eliminating the conversion losses inherent in hydraulic systems. Electric AC thrusters also increase reliability by eliminating equipment failures caused by sea water intrusion into hydraulic systems.

FEATURES

- Electric work ROV with 6 power brushless AC thrusters.
- Argus system is adaptable to a variety of subsea manipulators & tools, both electric and hydraulic.
- Powerful thrust in all directions.
- Extreme manoeuvrability with full stabilisation and high precision.
- High quality video through fiber optic or twister pairs in umbilical cable.
- Advanced telemetry system with PC compatibility and diagnostic



Argus Rover Observation Class II

GENERAL

Depth rating	500 Mt
Length	1,35 Mt
Width	80 Cm
Height	97 Cm
Weight in Air	240 kg
Payload	30 kg

PERFORMANCE

BOLLARD PULL

Forward/Aft	98 kgf
Lateral	65 kgf

SURFACE PERFORMANCE

Forward	3 kn
Lateral	1.5 kn
Vertical	1.5 kn

INSTRUMENT AND TOOLS

CAMERAS

Main camera	Argus -Auto focus / 12 x zoom color camera with tilt
Low-light camera	Lowlight B/W camera with tilt
Aux Cameras	Panoramic monochromatic cameras

NAVIGATION SENSORS

	2x RS232 Channel per AUX Survey Sensor
Sonar	Mesotech Simrad MS1071 675KHz digital sonar
Compass	KVH C-100 Fluxgate compass
Gyro	KVH DSP 3000 FOG Gyro

Depth	SAIV TD303
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MANIPULATOR

Hydrolek **4** functions

LIGHTS

2x250 W Halogen /2x150 HID

NDT SENSORS if require

TYPICAL ARGUS SYSTEM

- 1 Control VAN /20" (Rina cert.) 380V-480Vac
- 1 Container Open Top 20" (Rina cert.) with :
 - Hydraulic winch
 - HPU
 - Telescopic Crane 7mt. 3T

Power requirements for the system:

3 Phase Input-380 to 480Vac 50/60Hz (30Kw)







CONTAINERS

LARS



CONTROL VAN
+
WORKSHOP



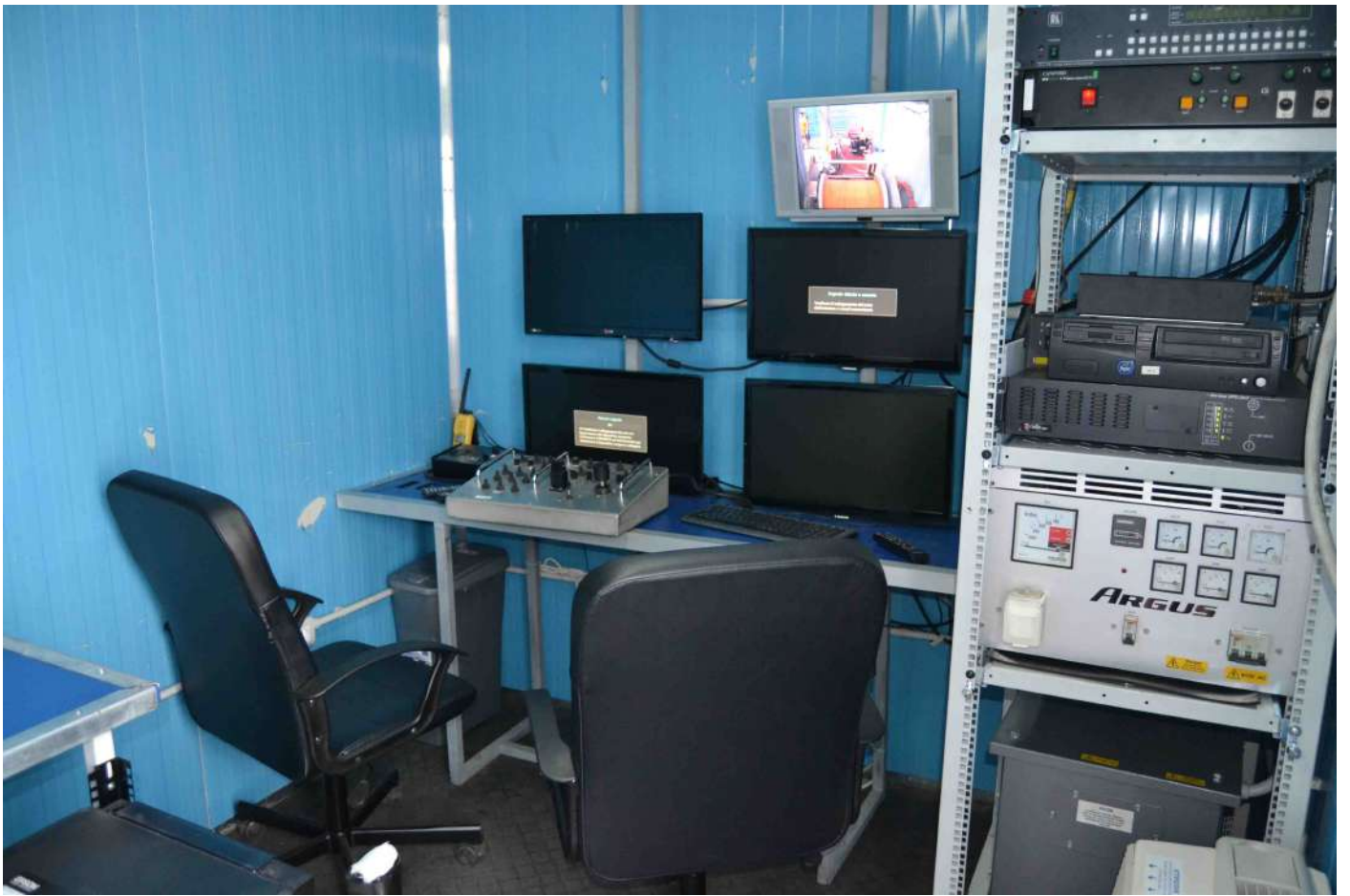
CONTROL VAN + WORKSHOP
MARITIME CONTAINER OPEN TOP 20'
RINA CERTIFIED

CONTROL VAN

- 5 LCD SCREEN+ 1 FOR SURVEY
- CLEAR COM
- PC FOR SONAR
- SURFACE UNIT PER KONGSBER SONAR
- VIDEO SPLITTER
- 1 AIR CONDITION 12000 BTU
- 3 ARMCHAIRS
- 2 WALKIE TALKIE
- 1 TRANSFORMER FOR TAPPING
- 1 POWER SUPPLY UNIT FOR ROV

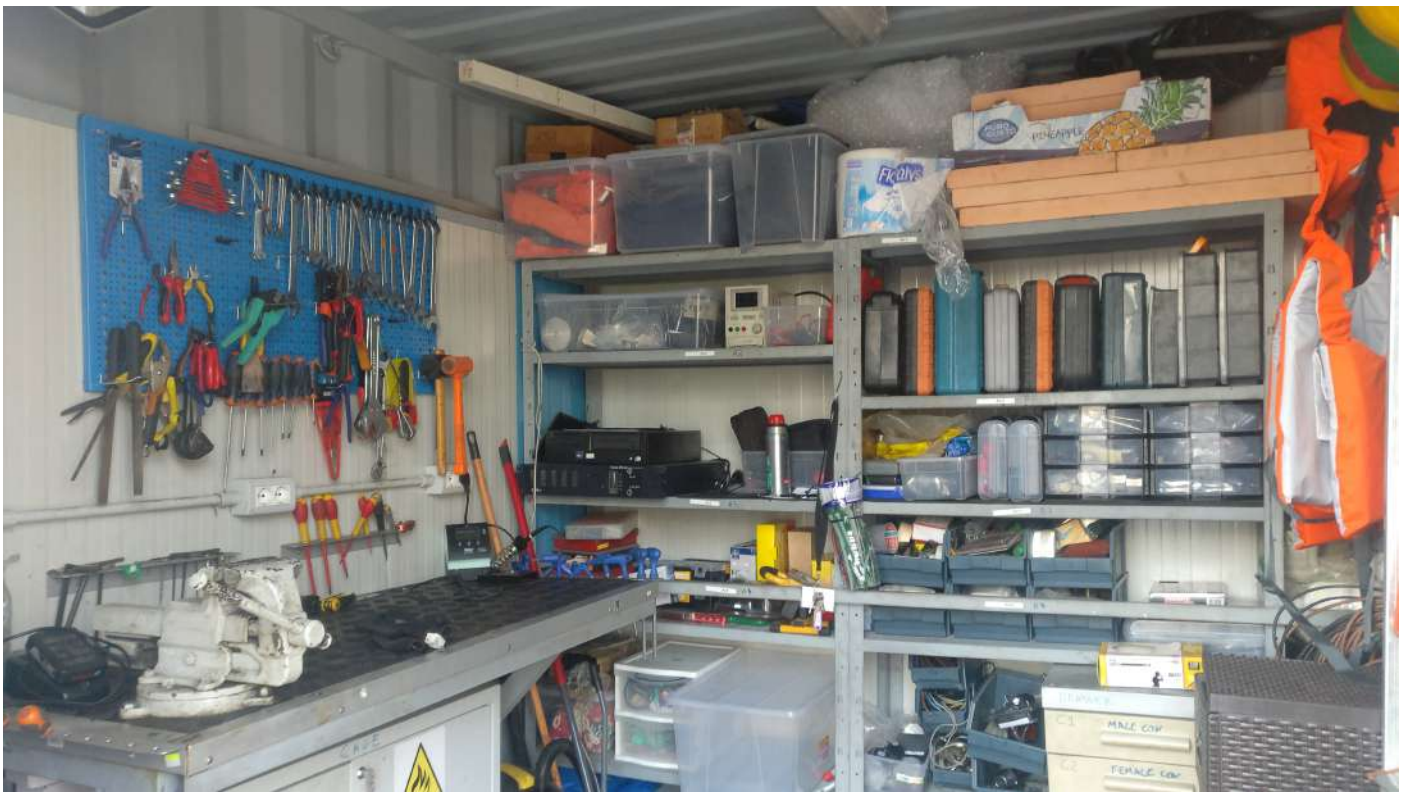
WORKSHOP

- SPARE PART FOR ROV+ORINGS (FULL LIST AVAILABLE)
- 2 THRUSTER MOTORS
- SET OF PROPELLER
- 1 CYGNUS THICKNESS PROBE (SPARE PARTS INCLUDED)
- SOLDERING STATION
- WORKSHOP COMPLETE WITH MECHANICAL/ELETTRIC TOOLS(FULL LIST AVAILABLE):
SPANNERS, SCREWDRIVERS,RATCHET , ALLEN KEYS,WRENCHES
N.1 BATTERY DRILL WITH RECHARGEABLE STATION
N.1 DRILL
N.1 GRINDER
N.1 HIT GUN
N.3 MULTIMETERS
N.1 INSULATION TESTER
N.1 MINI TOWER PC FOR TEST
N.1 UPS
N.1 AIR COMPRESSOR
N.1 VACUUM PUMP
N.1 VACUUM CLEANER

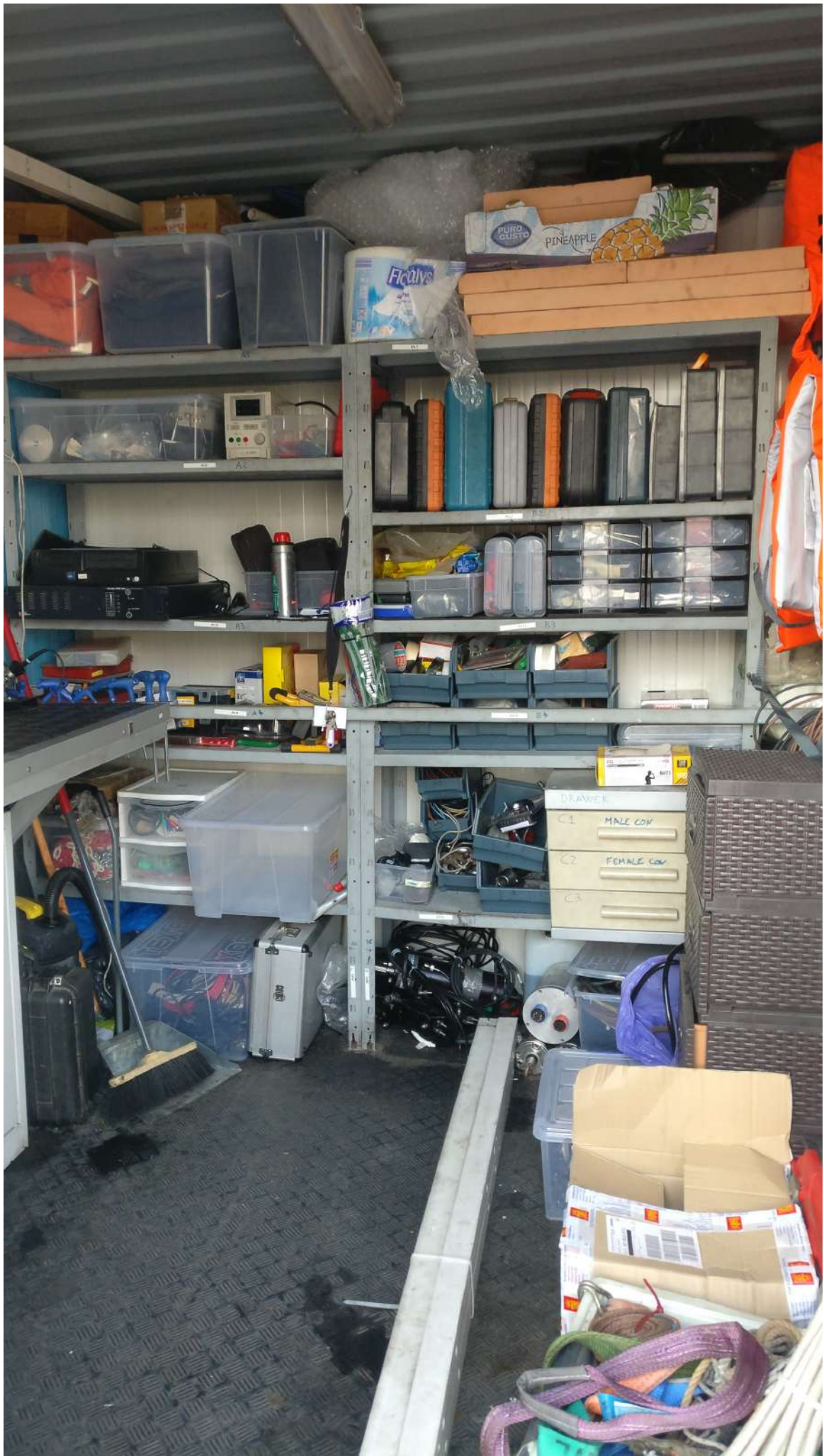














LARS
MARITIME CONTAINER OPEN TOP 20'
RINA CERTIFIED

TELESCOPIC CRANE 7MT – 3 TONS

IMENCO HYDRAULIC WINCH

HYDRAULIC POWER UNIT 60L/M - OIL TANK 120 LT

EMERGENCY STOP

4 INTERNAL LED LIGHTS

2 INTERNAL CAMERAS

IMENCO HYDRAULIC LATCH & LOCK





Please contact for more information: john@jorenmarine.com - www.jorenmarine.com

Joren Marine
Marine Equipment

