

BEACON SURVEYOR

MULTI-PURPOSE DIVE AND ROV SUPPORT



PRINCIPAL PARTICULARS

Built / Class: Malaysia 2006 / DnV
Port / Flag: Bangkok / Thailand
LOA / Breadth: 45.00m / 12.20m
Deck Area: 230 m²
GRT/NRT: 870/261
Main Eng.: 2 x 1200 BHP Cummins
Aux. Eng.: 3 x 125 KW / 50Hz
Bow Thruster: 360° Directional Jet @ 255HP
Berths: 14 Crew, 16 Pass. = Total 30
Crane: 360° Pedestal 10T/3m - 2T/15m
Deck Winch: 1 x 10T Hydraulic Tugger
4P Mooring: Electro Hydr. 32mm x 600m wire
Anchors: 4 x 1000kg Delta Flipper
FiFi: 1 x 600m³/hr. @ 13BAR
Dive System: Integrated & IMCA Certified
ROV System: SeaEye Cougar Light WROV

FULLY INTEGRATED SYSTEMS
DIVING / ROV / POSITIONING
OVID & IMCA D023 / R006
4 POINT MOORING SYSTEM
IRM ON FIXED INSTALLATIONS
UWILD ON MOBILE UNITS
PIPE-LINE & SEABED SURVEY
FREE SPAN CORRECTION

sales@beacon-offshore.com

General Description

Type	Multi Purpose Dive & ROV Support
Classification	DnV #1A1 SUPPORT VESSEL
Port / Flag	Bangkok / Thailand
IMO	9396945
Year Built	Malaysia 2006

Principal Dimensions

Length Overall	45.00m
LBP	41.38m
Breadth Moulded	12.20m
Depth Moulded	4.00m
Draft	2.71m
GRT / NRT	870T / 261T
DWT	426T
Speed	10.5 knots @ 100% MCR
	10.0 knots @ 85% MCR
	8.5 knots economical (4.0m ³ / day)

4 Point Mooring System

Electro Hydraulics	4 x 90 kW - Single Drum 20T x 15m / min. @ 1st Layer 30T @ 2nd Layer
Wire Rope	32mm dia. @ 600m length
Anchors	4 x 1000kg Delta Flipper

Power & Propulsion

Main Engines	2 x 1200 BHP Cummins KTA 38M2 @ 1800 RPM
Propellers	2 x Fixed Pitch in Kort Nozzle
Bow Thruster	1 x 225HP Cummins - 1.7T Thrust 360° Pump Jet HRP SD73
Generators	3 x 125kW, 50Hz, DGFA 50
Fresh Water	Reverse Osmosis @ 5T Per Day

Main Deck

Deck Area	230 sqm
Stern Roller	600mm dia. x 2800mm length

Capacities

Fuel Oil	141 cum
Fresh Water	156 cum
Slop Tanks	109 cum

Accommodation

Upper Deck	2 x 1 Bunk Cabin (en-suite) 4 x 2 Bunk Cabins (en-suite)
Lower Deck	6 x 2 Bunk Cabins 2 x 4 Bunk Cabins
Total Bunks	14 crew + 16 Pass = 30 Total

Deck Equipment

Main Crane	Hydraulic Telescopic Pedestal 360° SWL 2T @ 15m, 10T @ 3m
Tugger Winch	1 x Hydraulic Tugger @ 10T
Capstans	2 x 5T Fwd. / 2 x 4T Aft.
Rescue Craft	1 x RIB (port side)
FiFi Pump	1 x 600 cum/hr @ 13 BAR

Integrated Dive System

Code	IMCA D023 Certified
DDC	60" Twin Lock
Control Panel	3-Diver Hard Plumbed
HP Compressors	2 x 12 cfm @ 3000 psi
LP Compressors	2 x 96 cfm @ 200 psi
HP Air Storage	2 x 10 cylinder quads
LP Air Storage	2 x 1500 ltr receivers

ROV Systems

WROV (integrated)	SeaEye Cougar Light Work Class ROV IMCA R006 Certified Tech Safe LARS c.w. Integrated Winch TMS w. 200m excursion 2 x Hydrolek 5F/6F Manipulators
iROV (optional)	Outland 1000 Light Insp. Class ROV 1 x 1F Manipulator

(data sheets available on request)

Navigation & Communication Equipment

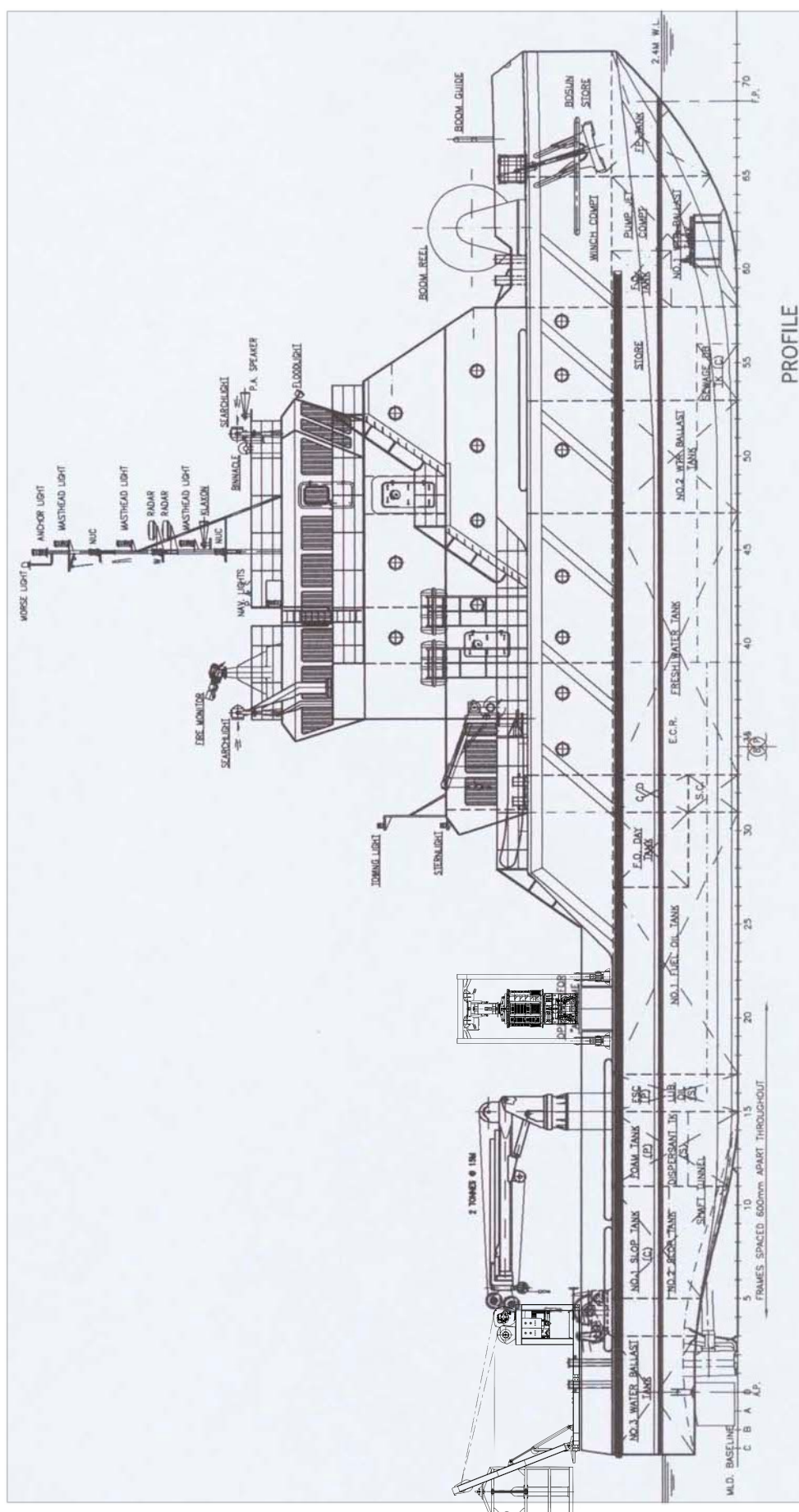
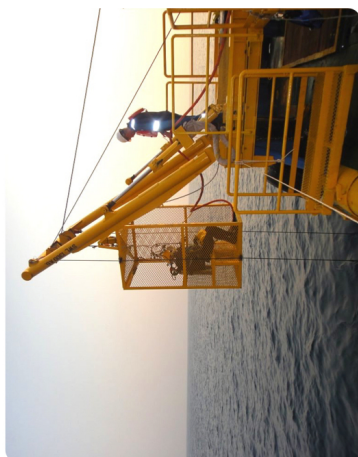
SSB Radio w. DSC	1 x Furuno FS-2570
MF/HF Watch Keeping	1 x Furuno FM-88005
VHF with DSC	1 x Furuno 88005
Inmarsat C	1 x Furuno Felcom 15
Portable VHF	3 x Saracom TW-50
X-Band Radar	2 x Furuno FR 1510 MK3
AIS	1 x Furuno FA-150
Echo Sounder	2 x Furuno / Garmin
GYRO/Autopilot	1 x Anschutz (w. repeater)
GPS	2 x Furuno (GP-90 / GP-32)
Navtex	1 x Furuno NX-700
Mini M	1 x Furuno Phone & Fax
GPS	1 x Garmin MAP 4012
VSAT - Xpresslink	256K (upgradable)

Other Details

Operator	Beacon Offshore Ltd. sales@beacon-offshore.com
Owner	Beacon Assets 2 Ltd.
Ship Management	Highland Maritime Co., Ltd. andrew@highland-maritime.com

Specifications given to the best of knowledge and subject to change without notice

PROFILE

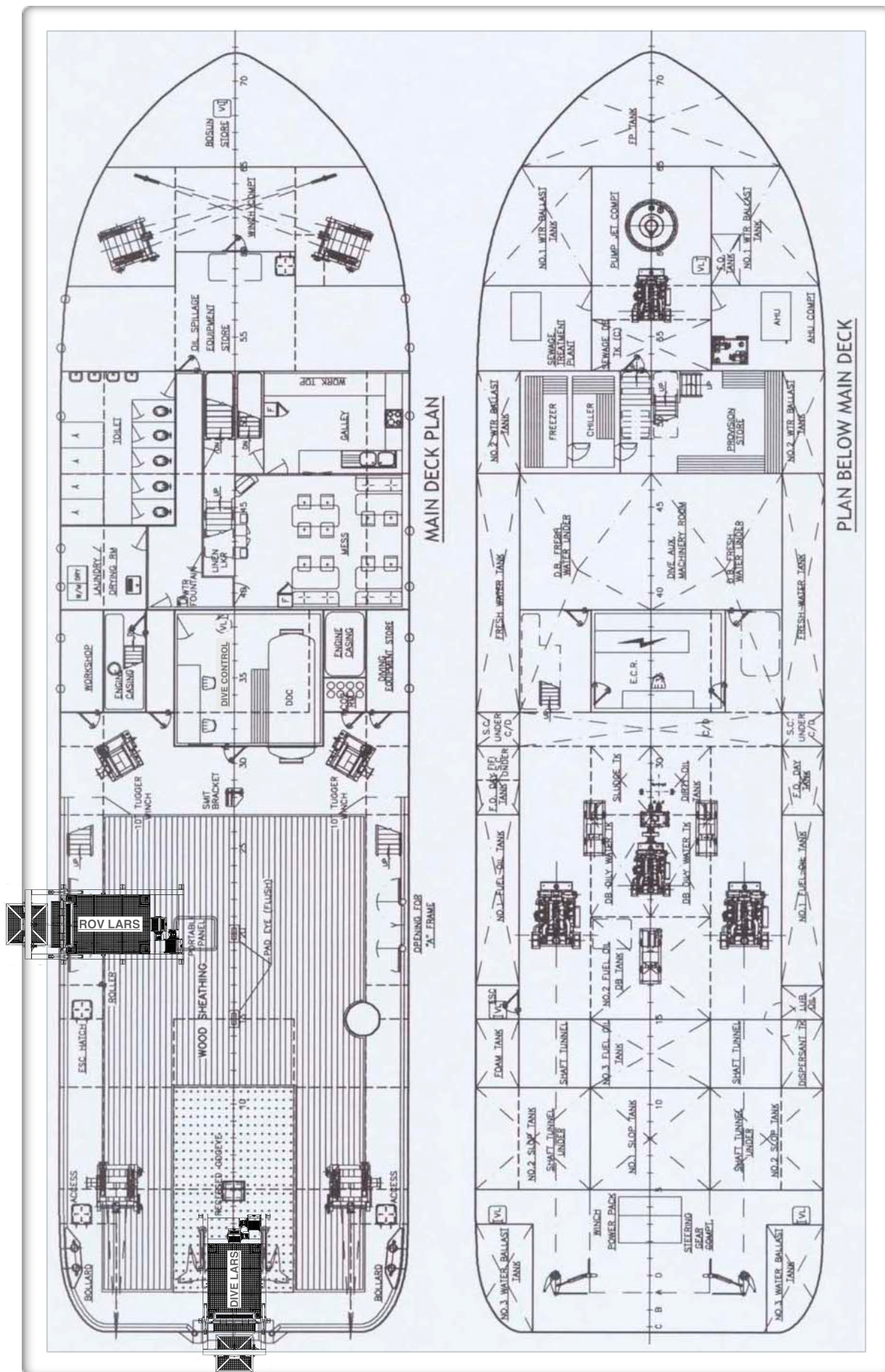
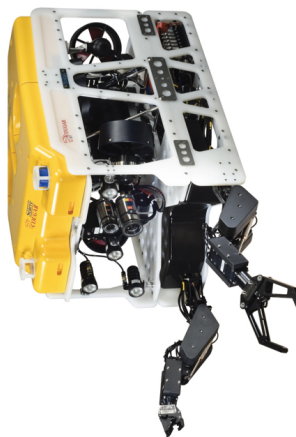


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BEACON SURVEYOR

LOWER DECKS

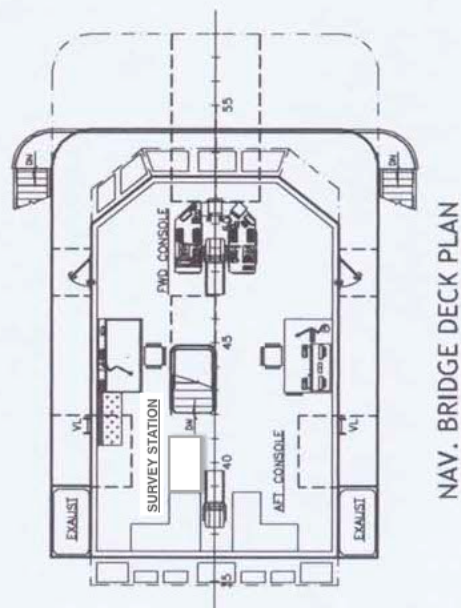
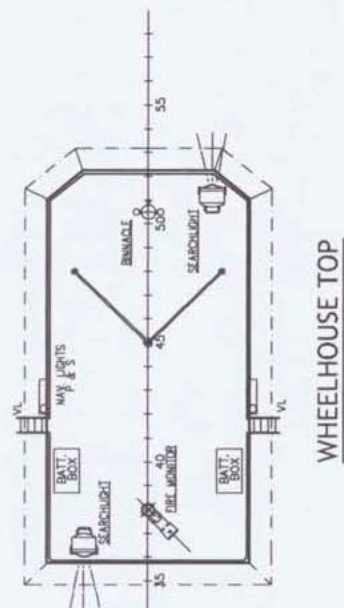
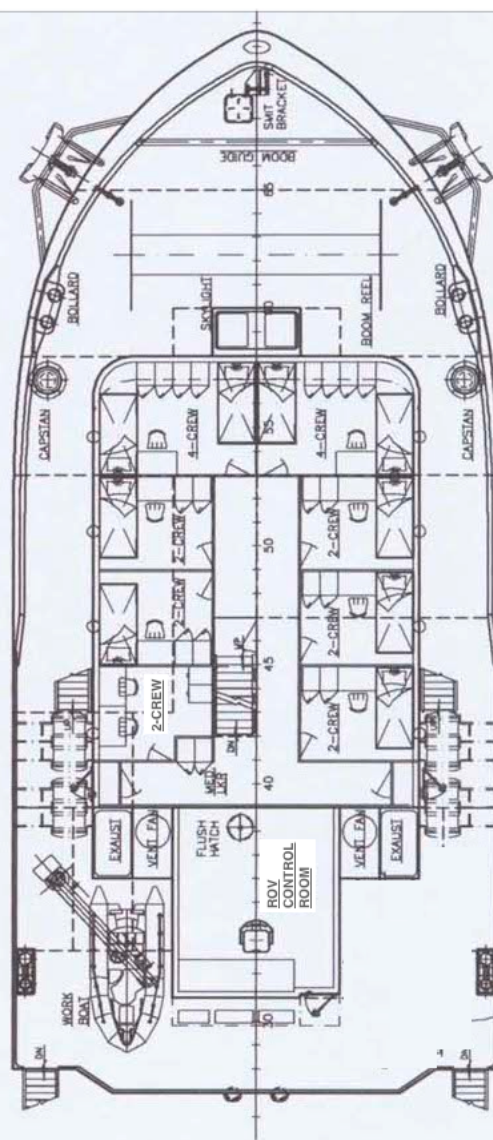
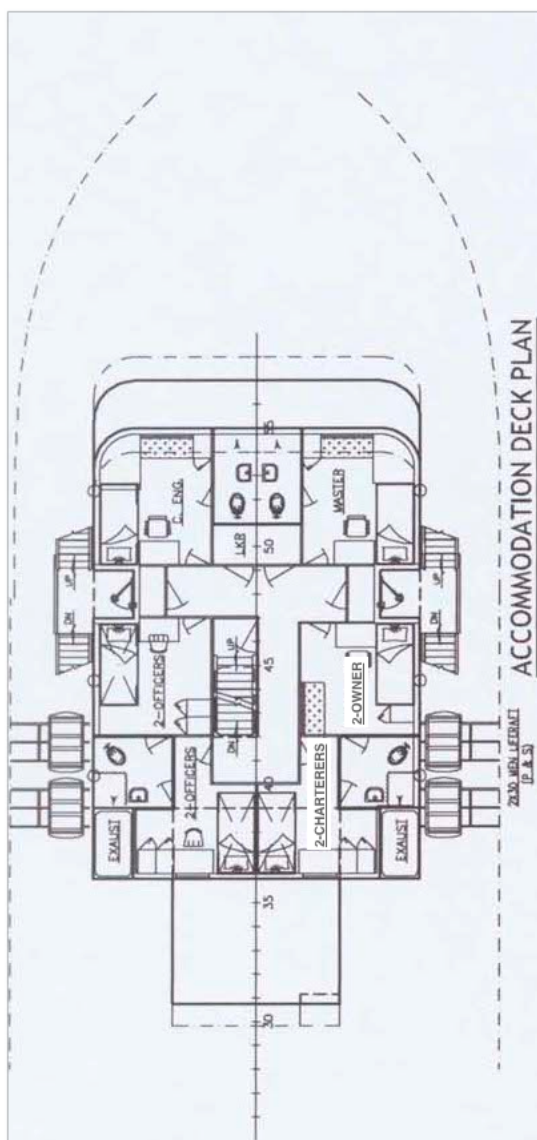


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BEACON SURVEYOR

UPPER DECKS



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