



Resolution

70M DP2 5000BHP ROV SUPPORT VESSEL

Key Particulars

- Built 2013
- Malaysian flagged
- SPS compliant, FiFi 1
- Mezzanine Deck
- Moonpool 2m x 1.6m
- 20T A-Frame
- 20T man-riding crane

Vessel Specifications

PRINCIPAL PARTICULARS

Year Built	2013
Place Built	Loh & Loh Construction, Indonesia
Design	70 m DP2 5000 BHP
Port of Registry	Port Kelang
Flag	Malaysia
Length Overall	70.00 m
Length BP	63.60 m
Breadth Moulded	16.00 m
Depth Moulded	6.50 m
Draft (max)	5.40 m
Freeboard (SLL)	1112 mm
Class	Bureau Veritas (BV)
Notation	I x HULL x MACH, Supply Vessel, Firefighting Ship 1, Special Service Standby Rescue Vessel LHNS WS, Unrestricted Navigation, Dynapos AM/AT R
GRT / NRT	2549.00 T / 765.00 T
Deadweight	2450.00 T

DECK PARTICULARS

Main Deck Clear Area	369.00 m ² / 387.00 m ² (with/without LARS)
Mezz Deck Clear Area	153.00 m ²
Total Clear Deck Area	522.00 m ² / 540.00 m ² (with/without LARS)
Deck Carrying Load	600.00 T
Deck Strength	7.5 T/m ²

PROPULSION SYSTEM

Main Engines	2 x Niigata 6L28HX, 2500 BHP, 1838 kW, 750 RPM, Total 5000 BHP
Auxiliary Engines	3 x Baudouin 8M26.2, 445 kW @ 1500 RPM
Emergency Generator	Weishai CCF J90Y-WV, 90 kW
Shaft Generator	2 x Leroy Somer LSAM 50.2, 900 kW @ 1500 RPM
ROV Generator	2 x Cat C18, 500 kW
Air Compressor	2 x Sperre HL 2/77, Presure 30 Bar, Cap25m ³ /hr, 7.5kW, 1450RPM
Bow Thruster	2 x NCG NCT165, 10 T Thrust
Steering Gear System	2 x Niigata Z-pellers ZP-41CP

TANK CAPACITIES

Fuel Oil	580.00 m ³
Fresh Water	395.60 m ³
Bilges	10.86 m ³
Dirty Oil	10.86 m ³
Mud	348.00 m ³
Dry Bulk	169.00 m ³
Drill	453.00 m ³

PERFORMANCE

Maximum Speed	12 Knots @ 19.5 m ³ /24hrs
Economic Speed	8 Knots @ 12 m ³ /24hrs

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	80 m ³ /hr @ 60 m head, Desmi NSL80-265
Fresh Water Pump	80 m ³ /hr @ 60 m head, Itur ILNC50-2001
Drill Water Pump	80 m ³ / hr @ 60 m head, Itur ILNC50-2001
Liquid Mud Pump	2 x 70 m ³ /hr @ 60 m head, Magnum 4x3x13
Bilge/Ballast/Fire/GS	2 x 80 m ³ /hr @ 60 m head, Itur ILNC50-2001

DP SYSTEM

DP2 System, Navis NavDP 4022, 2 Veripos DGPS, Kongsberg HiPAP 501, Bandak LTW, Radius 1000, Cyscan, 2 Anemometers, 1 MRU, 2 x VRS, 3 Gyro Compass, Navis Independent Joystick NavDP 4002

DECK EQUIPMENT

Anchors & Chain	2 x AC 14 High-Holding Power Stockless, 1710kg, 2 x 357.5m x 36mm Ø U3 Stud Link Chain
Capstan	2 x 5T Electro Hydraulic Vertical Capstan
Anchor Windlass c/w Bow	2 x Electro Hydraulic 10 T @ 9 m/min
Provision Crane	SWL 3 T @ 13 m radius (max SWL/Radius)
Knuckle Crane	SWL 20 T @ 6 m radius (max SWL), SWL 9 T @ 11 m radius (max Radius), Man-Riding Capability
A Frame	20 T @ 35 deg
Mezzanine Deck	16 m (B) x 10 m (L), Strength 5.5 T/m ²
Moon Pool	2.0 x 1.6 m

ACCOMMODATION

Berths	2 x 1-man, 7 x 2-men, 14x4-men
Total Pax	70 pax (within Malaysia waters) 60 pax (International waters)

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Fire fighting Ship 1
Fi-Fi Monitors	2 x 1200 m ³ /hr Capacity, 120 m Throw Length
Fi-Fi Pump	2 x 1650 m ³ /hr

LIFE-SAVING EQUIPMENT

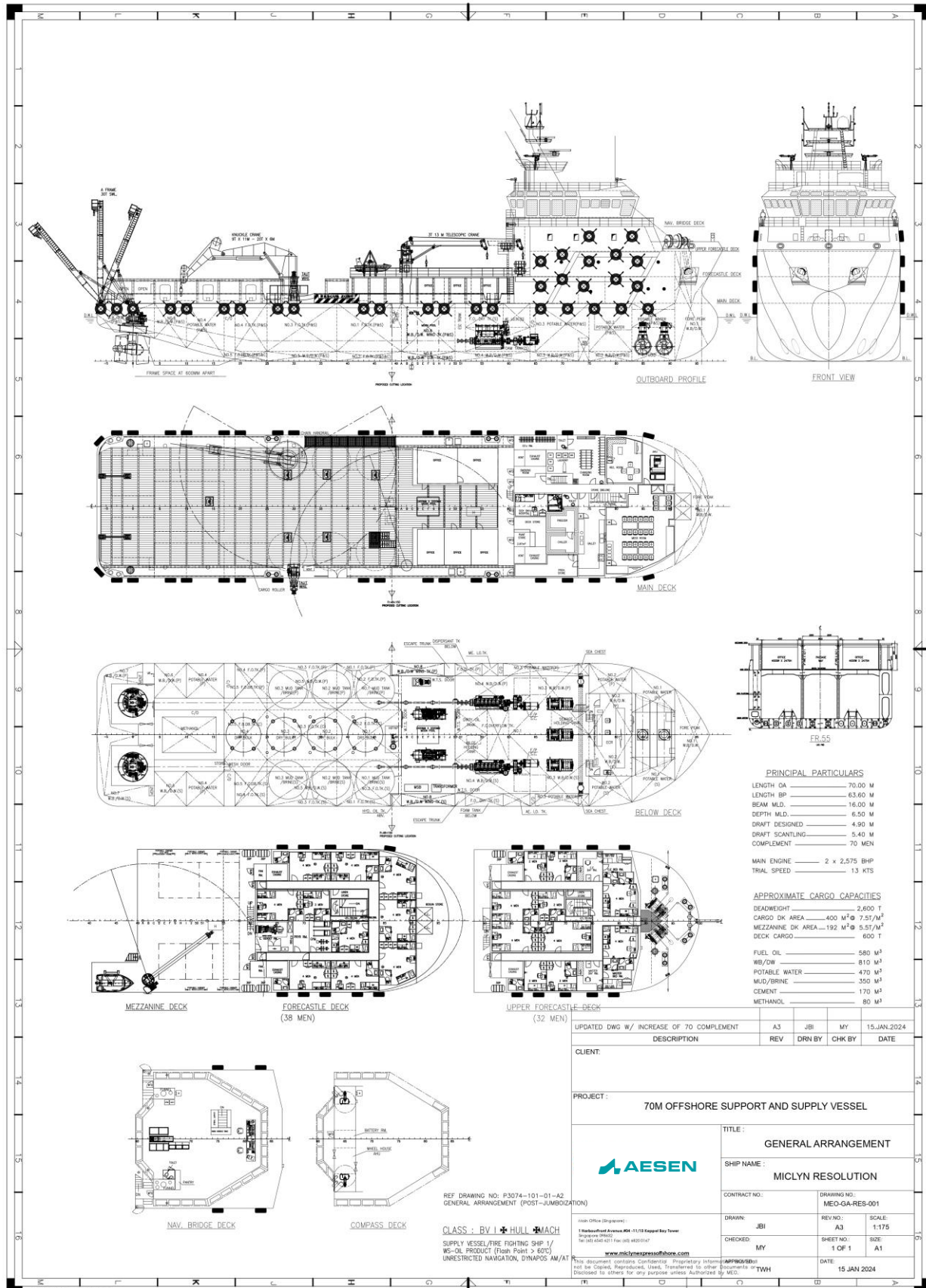
Life Rafts	8 x 30 men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 men, Inboard Engine, 50 L Diesel, SOLAS Compliant

DP SYSTEM

Capable to support ROV, Deck Mounted SAT & Air Dive System

Vessel Work History

END USER	WORK LOCATION	END DATE	SCOPE OF WORK
ROC Oil (Sarawak) Sdn Bhd	Malaysia	2023	ROV and diving support duties
Mermaid Subsea Services	Thailand	2022	ROV and diving support duties
Medco / Premier Oil	Indonesia	2021	ROV and diving support duties
Total E&P Myanmar	Myanmar	2021	Geotechnical survey
Medco / Premier Oil	Indonesia	2020	ROV and diving support duties
Siemens Gamesa	Taiwan	2019	Offshore Windfarm Commissioning vessel
PTTEP Myanmar	Myanmar	2019	ROV IRM project
PT Timas Indonesia	Indonesia	2019	ROV pipeline inspection and IRM project
ENI Indonesia	Indonesia	2018	ROV IRM project
James Fisher	Indonesia	2018	FSO disconnection and reconnection, cutting of anchor chains with ROVs
PTT Thailand	Thailand	2018	ROV IRM project
Chevron Thailand	Thailand	2018	ROV inspection and survey
Medco Energy Indonesia	Indonesia, Natuna Sea	2017	IRM Campaign
ExxonMobil Indonesia	Indonesia, Lamongan / Surabaya	2017	FSO UWILD
Technip Indonesia	Indonesia, Balikpapan	2017	Delivery of Min Bell Umbilical
Mubadala Petroluem	Indonesia, Balikpapan	2016	IRM Campaign
Pearl Oil	Indonesia, Balikpapan	2016	Ruby platform inspection
Kangean Energy	Indonesia, North Bali	2016	Navigation Buoy replacement
Premier Oil	Indonesia, Natuna Sea	2016	Plug & Abandonment Program Phase 1
ConocoPhillips / Premier Oil Indonesia	Indonesia, Natuna Sea	2016	IRM Campaign
Kangean Energy	Indonesia, North Bali	2016	Freespan Rectification
ConocoPhillips / Premier Oil Indonesia	Indonesia, Natuna Sea	2016	Wellhead leak investigation
Nippon Steel / PTTEP	Thailand	2016	Pipeline as laid and as built surveys
ConocoPhillips / Premier Oil Indonesia	Indonesia, Natuna Sea	2016	WNTS leak monitoring
Kangean Energy	Indonesia, North Bali	2015	Freespan Rectification
ConocoPhilips	Indonesia, Natuna Sea	2015	IRM Campaign



Resolution

Tel: +65 6545 6211 / 6829 6100
Email: svs.commercial@aesengroup.com

Vessel particulars are believed to be correct but are not guaranteed. Owners reserve the rights to amend the specifications without notification. Particulars are entirely without warranty as to correctness. Interested parties must inspect vessel's certificates, drawings or conduct a physical inspection of vessel.