



INDONUSA
M A R I N E

M.V Tenggara Ranger

www.indonusa-marine.net

www.indonusamarineservices.com

 @indonusamarine

M.V. TENGGARA RANGER



GENERAL DATA

Built	: 2015
Builder	: PT. Bintang Timur Samudra
Flag	: Indonesia
Registry	: Benoa
Call Sign	: YB 5464
IMO no	: 9807566
Class	: Bureau Veritas Hull Mach Special Service - Survey Vessel
GT/NT	: 231/70
LOA	: 32.40 meters
Breadth	: 8.50 meters
Draught	: 2.00 meters

NAVIGATION & COMMUNICATION

Radar	: 1x SIMRAD Halo 3 pulse compression
Echo Sounder	: 1x SIMRAD BSM-3
Navtex	: Furuno NX-700A
Plotter / GPS	: 1x SIMRAD NSO.Evo2
Magnetic Compass	: 1x Riviera
Auto Pilot	: 1x Simrad AP70
Radio Com	: 1x HF ICOM IC-M802 2x VHF Simrad RS35 2x VHF Simrad HH36
EPIRB	: 1x Simrad EG70 406mHZ
SART	: 1x Simrad SA70 GMDSS
Search light	: 2x DHR 210

M.V. TENGGARA RANGER

SAFETY

- Inflatable Life Raft 2 x 20 person
- CO2 System Fitted
- Smoke & Thermal detectors fitted Structural Fire Protection
- Fire Hydrant and Hoses Fitted

MACHINERY

Main Engine	: 2 x Caterpillar C18 "A" (600 hp @ 1800 rpm)
Gearboxes	: 2 x ZF 550 marine reversing
Propulsion	: 2x fixed pitch 4 bladed NiAlBr propellers
Gen Sets	: 2x Caterpillar C4.4 86kva 50Hz 1x Caterpillar C2.2 28kva 50Hz
Bow Thrusters	: 2x Keypower KPI6A



PERFORMANCE & CAPACITY

Max Speed	: 12 knots
Fuel Consumption	: 3.525 liters / 24 hours @ 80% MCR 1,123 liters / 24 hours @ 7 knots
Fuel Capacity	: 45,000 liters
Fresh Water Capacity	: 15,000 liters
Ballast Water	: 60,000 liters

M.V. TENGGARA RANGER



LIFTING AND PULLING EQUIPMENT

1 x "A" Frame SWL 2000 kgs
1x Deck Crane Palfinger PK I8500M(A) 8000 kgs
1x Kongsberg EA400 Hydrographic single beam transducer
2x core winch
1x deck winch



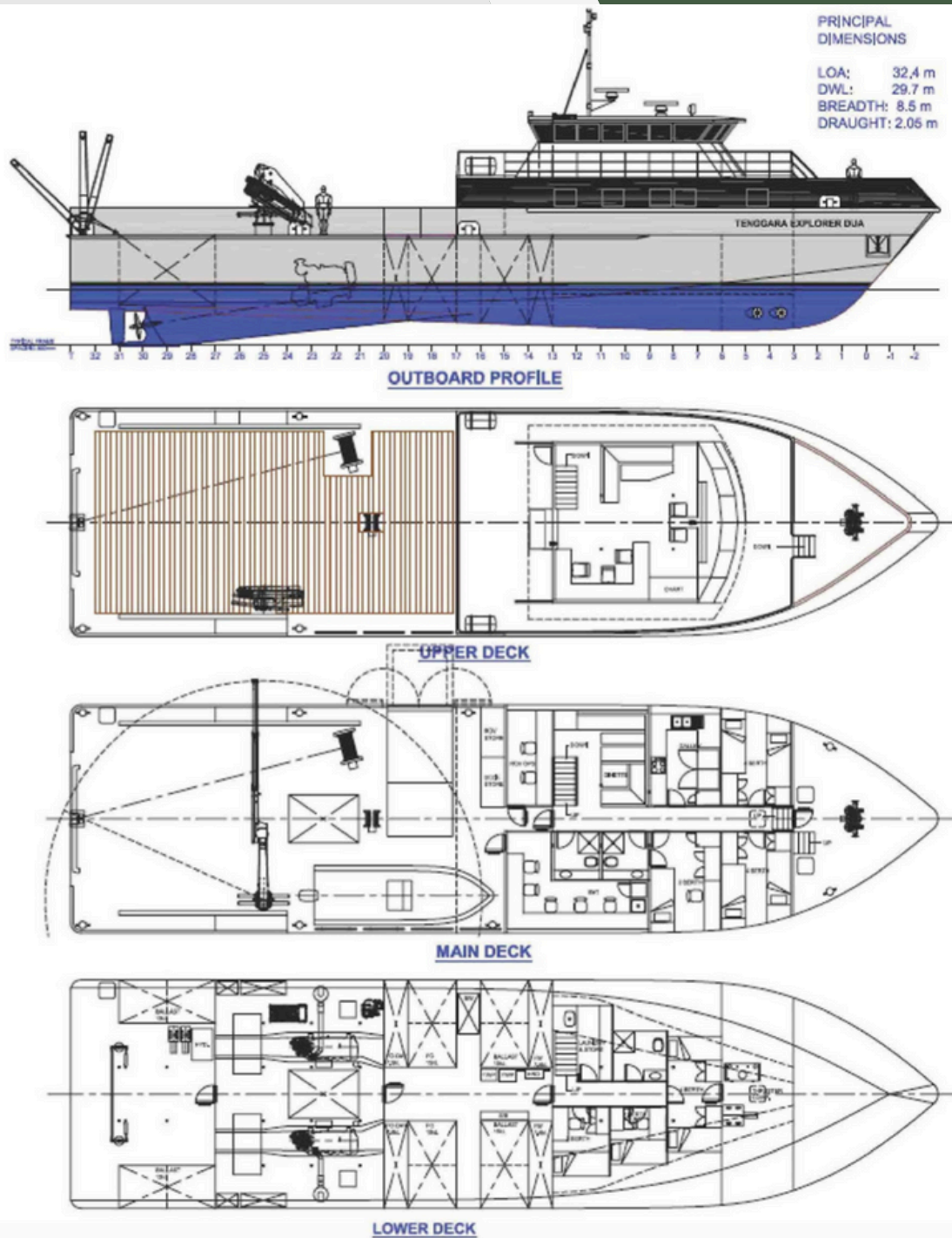
M.V. TENGGARA RANGER

ACCOMODATION

- 1 x Lab Room
- 1 x Designated ROV Control Rooms
- 3 x 4 berth (double tier) cabin at main deck
- 2 x 2 berth (double tier) cabin at lower deck
- 1 x 4 berth (double tier) cabin at lower deck
- 1 x dinette
- 1 x gallery
- 1 x laundry c/w dryer combo unit



M.V. TENGGARA RANGER



VESSEL EXPERIENCE

M.V TENGGARA RANGER

Since it was launched in 2016 at Madura, MV. Tenggara Ranger has been chartered by PT. Amman Mineral Nusa Tenggara until the present for ROV operation, reef ball deployment, water sampling, bottom sampling etc.

2016 - 2024 :

Support vessel for Bathymetry, Reef-Ball [Reef Conservation] Deployment, ROV-remotely Operated Vehicle Operation Support, Bottom Sampling/Box Corer in West Sumbawa. Client : Amman Mineral Nusa Tenggara