



KIVA MARINE EXPLORATION VESSEL MV ANUANUA MOANA



GENERAL

Year Built	2007
Place of Built	ABG Shipyard - India
Flag	Cook Islands
Port of Registry	Avatiu
Call Sign	E5U4487
IMO Number	9352224
Class	LR+100A1+LMC+UMS

PRINCIPAL DIMENSIONS

Length Overall	61.00 m
Length B.P.P	54.00 m
Beam Moulded	15.80 m
Depth	7.0 m
Draught Summer (with sonar gondola)	4.8 m + 1.3 m
Gross Registered Tonnage	2163 t
Net Tonnage	648 t
Dead Weight	1485 t

MACHINERY AND PROPULSION

Main Propulsion	2 x Wartsila 9L20 Engines each 1800kW
Forward Thruster	1 x FPP 800 kW Tunnel
Aft Thruster	1 x FPP 500 kW Tunnel 2 x CP Propeller

TANK CAPACITIES

Ultra Low Sulphur MGO (total)	550 m ³ / 468 t
Potable Water	442 m ³

PERFORMANCE / FUEL CONSUMPTION

Transit Speed 10 knots	9-10 mt / day
Eco Speed 8 knots	~8 mt / day
DP mode	5-7 mt / day
Line survey (not DP)	4.7 - 6 mt / day
ROV Work	3.5-5 mt / day
Idle in port	1 mt / day

ACCOMMODATION / OFFICES / FACILITIES

Total Accommodation	42
Charterers accommodation	25 beds, 3 single cabins, 11 double cabins
Online Survey Room	36 m ²
Processing Room	28 m ²

COMMUNICATION FACILITIES

Satellite communication	KVH Sat V9 10/3 Starlink
GMDSS	A1, A2 & A3
Network	3 x systems - CAT 6

DYNAMIC POSITIONING

DP Class	Class 1
Manufacturer	Simrad Kongsberg
Positioning Reference	2 x DGPS interface
MRU	Kongsberg MGC
HPR	1 x Kongsberg HiPAP 500
Gyro Compass	2 x Anschutz STD22
Environmental Ref.	2 x Wind Sensor
Power Supplies	3 x UPS
Software options	Joystick manual heading - Auto heading
Auto position with acoustics (follow sub)	DGPS, Auto Track - Auto Pilot

POSITIONING REFERENCE SYSTEM

DGPS	Kongsberg Seapath DGNSS
GPS	Simrad EA400 33/210 kHz
USBL	Sonardyne Ranger 2

ANCHOR SYSTEM

Make Winches	Norcrane
Pull Capacity	60 tn 1st Layer 100 t holding power
Wire Diameter	38 mm
Wire Capacity each winch	1200 m
Special Features	Wire length & pull force indicators
Anchors	2 x Flipper Delta 3000 kg