



GENERAL	
Place of Build	Fujian Southeast Shipyard, China
Vessel Type	AHTS
Year Built	2014
Flag	Gibraltar
Call Sign	ZDQY8
Class	RINA C* - SPECIAL SERVICE - MULTIPURPOSE SHIP; OFFSHORE SUPPORT VESSEL; TUG; SUPPLY VESSEL; ANCHOR HANDLING - CHEMICAL PRODUCT; OIL RECOVERY SHIP; FIRE- FIGHTING SHIP - 1 WATER SPRING; UNRESTRICTED NAVIGATION - INWATERSURVEY; MON-SHAFT; SPS

COMMUNICATIONS EQUIPMENT	
HF radio	Furuno Model RC-1800T
VHF Radio	Furuno FM-8800S
Portable VHF Radio	3 x McMurdo Model R2 GMDSS
Satellite EPIRB	McMurdo Model SMARTFIND E5
Navtex Receiver	Furuno NX-700B (GMDSS)
SART	2 x McMurdo S4 Rescue SART
Automatic Identification System (AIS)	Furuno FA-150

PRINCIPAL DIMENSIONS	
Length Overall	65.00 metres
Breadth Moulded	16.00 metres
Design Draft	5.00 metres
Deadweight	1800 tonnes
Gross Tonnage	2281 tonnes
Net Tonnage	684 tonnes

MACHINERY & PROPULSION	
Main Engine	2 x Niigata 2427KW @ 750 rpm
Propulsion System	Controllable pitch propellers
Total BHP	6500BHP
Bow Thruster	2 x 10 tons (650KW), electric driven
Stern Thruster	1 x 8 tons (515KW), electric driven
Generators	3 x 450KW diesel driven
Shaft Generator	2 x 1000KW main engine driven
Emergency Generator	1 x 95KW diesel driven

PERFORMANCES	
Fuel Consumption at 9.5kts	Approximately 12m3 per day
Fuel Consumption at 7.5kts	Approximately 8.5m3 per day
Fuel Consumption while towing at 4.5kts	Approximately 17m3 per day
Fuel Consumption on DP	Approximately 5m3 to 7m3 per day
Average Fuel Consumption per day – general field duties (historical data)	Approximately 8m3 per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES	
Fresh Water	440 m3 @ 100m3/h at 70m head
Drill Water	700 m3 @ 100m3/h at 70m head
Fuel Capacity (100%)	580 m3 @ 150m3/h at 70m head
Liquid Mud / Brine / ORO	460 m3 @ 100m3/h at 70m head
Dry Bulk	150 m3 @ 40m3/h at 60m head
Clear Deck Area	435 m2
Deck Loading	7 tonnes/m2

ACCOMMODATION	
Cabins	8 x 1 berth, 3 x 2 berths, 9 x 4 berths
Total	50 men
Hospital	1 men

NAVIGATION EQUIPMENT	
Radar No. 1	1 set of X-Band Radar
Radar No. 2	1 set of S-Band Radar
GPS	1 set of GPS plotter
Echo Sounder	1 x Furuno FE-700
Auto Pilot	1 set of Auto Pilot System
Gyro Compass	3 sets of Gyro Compass
Magnetic Compass	1 set of Magnetic Compass
Dynamic Positioning	Kongsberg DPS-2

DECK MACHINERY	
Tuggers	2 x 10 tonnes @ 15m/min
Capstans	2 x 5 tonnes @ 15m/min
Deck Crane	2 tonnes SWL @ 15m

TOWING & ANCHOR HANDLING	
Bollard Pull	87.3 tonnes
Anchor Handling Drum Capacity	1200m x 60mm wire rope
Towing Drum Capacity	1200m x 60mm wire rope
Line Pull for AH/Towing Winch	150 tonnes
Brake Holding for AH/Towing Winch	250 tonnes
Clutch Type	Manual / Removable
Spare Tow Wire Capacity	1200m x 60mm wire rope
Stern Roller	4.4 m x 1.7 m, 250 tonnes
Tow Pins	2 x towing pins of 250 tonnes SWL
Wire/Chain Stopper	1 set of Sharkjaws of 250 tonnes SWL

LIFE SAVING APPARATUS	
Liferafts	6 x 25 men life rafts
Rescue Boat	1 x 6 men rescue boat with 25HP OBM

EXTERNAL FIRE FIGHTING	
Capacity	ABS Fifi 1 - 2400 m3 per hr
Monitor	2 x 1200 m3 per hr
Throw x Height	120 m x 45 m

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given. All fuel consumption figures provided without guarantee and subject to actual conditions. For enquires, kindly email us at chartering@it.vroonoffshore.com.