

# AHTS 65M Oil Recovery DP-2 - VOS CHAMPAGNE (3087)



## 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; OSV;Tug; Supply Vessel; Anchor Handling - Chemical product; Oil Recovery Ship; Fire-Fighting Ship - 1 water spraying; Unrestricted navigation; In water survey; MON-SHAFT; SPS; BIOSAFE ship; DYNAPOS DP2; Efficient Ship;

## PRINCIPAL DIMENSIONS

Length overall	65.00 m
Breadth moulded	16.00 m
Design Draft	5.00 m
Deadweight	1800 t
Gross Tonnage	2281 t
Net Tonnage	684 t

## MACHINERY & PROPULSION

Main Engine	2 x Niigata 2427 kW @ 750 rpm
Propulsion System	Controllable pitch propellers
Total BHP	6500 BHP
Bow Thruster	2 x 10 t (650 kW), electric driven
Stern Thruster	1 x 8 t (515 kW), electric driven
Generators	3 x 450 kW diesel driven
Shaft Generator	2 x 1000 kW M/E driven
Emergency Generator	1 x 95 kW diesel driven

## PERFORMANCES

Fuel consumption @ 12 Knots	About 13 MT per day
Fuel consumption @ 10 Knots	About 11 MT per day
Fuel consumption @ 8 Knots	About 8 MT per day
Fuel consumption in port	About 1 MT per day
Fuel consumption in DP mode	About 6 MT per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

## CARGO CAPABILITIES

Fresh Water	440 m <sup>3</sup> @ 100 m <sup>3</sup> /h at 70 m head
Drill Water	372 m <sup>3</sup> @ 100 m <sup>3</sup> /h at 70 m head
Fuel Capacity (100%)	580 m <sup>3</sup> @ 150 m <sup>3</sup> /h at 70 m head
Liquid Mud / Brine / ORO	460 m <sup>3</sup> @ 100 m <sup>3</sup> /h at 70 m head
Dry Bulk	150 m <sup>3</sup> @ 40 m <sup>3</sup> /h at 60 m head
Clear Deck Area	435 m <sup>2</sup>
Deck Loading	7 t/m <sup>2</sup>

## ACCOMMODATION

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

## 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

## 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
Reference System 1	DGPS DPS 110
Reference System 2	DGPS DPS 112
Reference System 3	RADIUS 700

## DECK MACHINERY

Tuggers	2 x 10 t @ 15 m/min
Capstans	2 x 5 t @ 15 m/min
Deck Crane	2 t SWL @ 15 m

## TOWING & ANCHOR HANDLING

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

## LIFE SAVING APPARATUS

Life rafts	6 x 25 men life rafts
Rescue Boat	1 x 6 men rescue boat with 25 HP OBM

## EXTERNAL FIRE FIGHTING

Capacity	Fifi 1 - 2400 m <sup>3</sup> per hr
Monitor	2 x 1200 m <sup>3</sup> per hr
Throw x Height	120 m x 45 m

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