



Builder: Grandweld Shipyards Dubai

## MAIN PARTICULARS

Length O.A.	: 67.00 m
LBP	: 59.26 m
Breadth MLD.	: 16.80 m
Depth MLD.	: 6.80 m
Max. Draft	: 5.40 m
SPS Draft	: 5.10 m

Class: Lloyd's Register

Flag State: Qatar

Owner: Halul Offshore Services

# 90 T Bollard Pull DP-2 AHTSSV

SPS 2008 Compliance

2 Vessels Built

## Classification

LRS ✕100 A1 AHTS, IWS, Standby, Oil Recovery, ✕LMC, ✕UMS ✕DP (AA), Fire Fighting Ship 1(2x1200m<sup>3</sup>/h), Ship Right (ES1), Rescue Ship UKOOA ERRV Group B

## Performance

Speed	: 13.5 knots
Bollard Pull	: 90 tonnes
Autonomy	: 30 Days

## Machinery

Main Engines	: MAN 2 x 2720 kW
Main D G Sets	: 4 x 450 kW
Shaft Alternators	: 2 x 1200 kW
Emergency DG	: 1 x 150 kW
Propulsion	: CPP in Nozzles
Rudders	: 2 x High lift with Flap
Bow Thrusters	: 2 x 800 kW
Stern Thruster	: 1 x 400 kW

## Capacities

Fuel oil	: 600 m <sup>3</sup>
Fresh water	: 600 m <sup>3</sup>
DW/Water ballast	: 520 m <sup>3</sup>
Mud/Brine Tanks	: 550 m <sup>3</sup>
Lube Oil	: 4x 5 m <sup>3</sup>
Recovered oil	: 550 m <sup>3</sup>
Dry bulk	: 150 m <sup>3</sup>
Foam	: 10 m <sup>3</sup>
Dispersant	: 10 m <sup>3</sup>

Oil Dispersant system with spray arms  
Oil recovery System in modules

## Deck Cargo

Supply Vessel Mode	: 600 Ton
SPS (2008) Mode	: 400 Ton
Deck Area	: 425 m <sup>2</sup>
Deck Strength	: 7.5 t/m <sup>2</sup>

## Accommodation

Total : 58 Men

## Deck Machinery

Ship's anchor	: 2 x 2460 kg HHP
Anchor cable	: 715 m total x 44 mm dia U2 Stud Link
	: 1 x hydraulic with 1 mooring drum
Capstans	: 2 x 5 T @ 15 m/min
AHT Winch	: 200 t pull @ 0-6 m/min : 250 t brake holding
	: 2 x 1000 m, 60mm cable drums : 2 x 60 mm dia cable lifters
Spare rope drums	: 2 x 1000 m and 300m
Shark Jaw	: 1 x 300 t SWL
Tow Pins	: 2 x 300 t SWL
Stern Roller	: 3.8 m long x 1.80 m diameter
Tugger Winches	: 2 x 10 t @ 15 m/min
Deck Crane	: 3 T SWL @ 20 m radius
Smit Tow Bracket	: 1 x 200 t SWL



# WIN MARINE ENGINEERING SERVICES

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