



RMDC 8176 AHTS project is continuation of previous successful Project 1674 (21 AHTS vessels built in Northern Shipyard, Gdansk, Poland and delivered to four different owners in years 2005 - 2010). Facing increasing demands for deep water operations with eco-friendliness in mind we propose new cost-effective, powerful vessel with excellent capacities.

Its periodically unattended propulsion plant including main engines of 5400 kW each gives 170 tonnes bollard pull and 15 knots maximum cruising speed. Three tunnel thrusters provide good manoeuvrability and together with high-lift rudders enable position keeping with DP-2 class system fitted.

Vessel is fitted with 350 ton anchor handling / towing winch. 580 square meter working deck provides large space for 1000 tonnes of cargo or anchor handling operations.

With 3200 tonnes dead weight the vessel is ready to carry considerable amount of multiply cargos in her tanks including fuel oil, liquid mud, brine, fresh water, dry bulk and drill water. Thanks to multi-function tanks the vessel can also carry over 1200 cubic meters of recovered oil.

In addition vessel is fitted with external fire-fighting system of class 1. Comfortable, fully air-conditioned accommodation is provided for 31 crew.

CLASSIFICATION

ABS+ A1 (E), OFFSHORE SUPPORT VESSEL, TOWING VESSEL, AH, + ACCU, + FFV CLASS 1, +AMS, +DPS-2, + OIL RECOVERY CLASS 2

MAIN PARTICULARS

Length overall	76,60 m
Length between perpendiculars	68,20 m
Breadth moulded	17,00 m
Design draught	5,30 m
Maximum draught	6,10 m

MAIN DATA

Bollard pull	170 tonnes
Speed	15 knots
Dead weight	3200 tonnes
Main engines	2 x 5400 kW
Auxiliary engines	2 x 500 kW
Shaft generators	2 x 2200 kVA
Bow thrusters	2 x 650 kW
Stern thruster	1 x 650 kW
AHT winch	350 tonnes
Deck crane	2,5 t @ 10 m
External fire-fighting	class 1
Dynamic positioning	DP-2 class
Accommodation	31 persons

CAPACITIES

Fuel oil	1000 cu m
Water ballast / drill water	1400 cu m
Fresh water	610 cu m
Liquid mud	940 cu m
Dry bulk	200 cu m (4 tanks)
Brine	400 cu m
Oil recovery	1250 cu m
Rig chain locker	140 cu m
Deck cargo	1000 t
Deck area	580 sq m