

M/V I.N.W-3
(Anchor Handling Tug)



~Built : 2009
~Classification : B.V
~Flag : Panama
~Type : AHT (Anchor Handling Tug)

Principal Dimension

~Length, Overall : 48.00 m
~Length B.P : 42.90 m
~Breadth : 12.80 m
~Depth : 4.60 m
~Draft : 3.80 m

Machinery

~Main Engine : 2 X 2375 BHP

<i>~Propulsion system</i>	<i>: Twin controllable pitch propeller with nozzles</i>
<i>~Generating set</i>	<i>: 3 X 245 KW diesels driven</i>
<i>~Bow Thruster</i>	<i>: 1 X 300 KW electrical motor driven thrust, abt. 5 ton</i>
<i>~Cargo F.W Water Pump</i>	<i>: 70m³ / hr at 70 m head</i>
<i>~Cargo Fuel Oil Pump</i>	<i>: 70m³ / hr at 70 m head</i>

Performance

<i>~Speed</i>	<i>: 12.50 knots</i>
<i>~Bollard Pull</i>	<i>: 60 tons</i>
<i>~Designed deck strength/ unit loading</i>	<i>: 5 ton/ m²</i>
<i>~Aft. Deck space</i>	<i>: 215 m²</i>

Tankage (Approx)

<i>~Fuel oil approx</i>	<i>: 700 m³</i>
<i>~Fresh water approx</i>	<i>: 200 m³</i>
<i>~Ballast water tanks</i>	<i>: 50 m³</i>
<i>~Dirty oil tank</i>	<i>: 5 m³</i>
<i>~Dispersant tank</i>	<i>: 10 m³</i>
<i>~Foam tank</i>	<i>: 8 m³</i>
<i>~Lub oil</i>	<i>: 8 m³</i>
<i>~Hydraulic oil tank</i>	<i>: 4 m³</i>

Deck Machinery

<i>~ Anchoring handling winch</i>	<i>: 75 tons pull in 1st layer</i>
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And 150 tons brake

Waterfall double drum,

Dia. 50 mm steel wire rope capacity

Elec. – hyd. power and local and remote control..

~Towing Pin and jaw

: 200 tons SWL.

Elec. – hyd. Type

~Tuggers

: 2 X 10 tons pull

~Capstans

: 2 X 5 tonsSWL

~Deck Crane

: 13.5 Tons SWL

~External Fire Fighting

: FI-FI, 1 (2 X 1200 M3/ H by two monitors by PTO).

Water curtain

covering nozzles spread type for after deck.

Deck house by round nozzles

~Oil dispersant

: Two through nozzles at bow.

Accommodation

~2 X one (1) - Man Cabin

: 2 men

~2 X two (2) – Man Cabin

: 4 men

~8 X four (4) – Man Cabins

: 32 men

~Total

: 38 men