



## CARACTERISTICAS PRINCIPALES / MAIN SPECIFICATIONS

### GENERAL

<b>Puerto de Registro / Port of Registration:</b>	Singapore
<b>IMO No:</b>	9380219
<b>Distintivo de llamada / Call Sign:</b>	9VDL9
<b>Entrega / Delivery:</b>	7 March 2008
<b>Constructor / Built:</b>	USC Keihin Shipyard, Japan
<b>Diseño / Design:</b>	USC MX-A150
<b>Clase / Class:</b>	ABS, A1, AH/OSV, Towing, FiFi 1, DPS-2, ACCU, AMS

### DIMENSION

<b>Eslora total / Length Overall:</b>	68.0 m
<b>Eslora / Length, BP:</b>	60.0 m
<b>Manga / Molded Breadth:</b>	16.4 m
<b>Puntal / Molded Depth:</b>	7.2 m
<b>Design Draft:</b>	5.2 m
<b>Maximum Draft:</b>	6.0 m
<b>Tonelaje Bruto / Gross Tonnage:</b>	2428
<b>Tonelaje Neto / Net Tonnage:</b>	799

### TRIAL SPEED | CONSUMPTION @ 4.85 m Draft

<b>Cruising (50% MCR):</b>	13.38 knots / 22.7 T/day
<b>Full (85% MCR):</b>	14.36 knots / 36.8 T/day
<b>Maximum (100% MCR):</b>	14.66 knots / 43.7 T/day

### CAPACITY

<b>DWT @ Design Draft:</b>	1660 T
<b>DWT @ Maximum Draft:</b>	2460 T
<b>Clear Deck Area:</b>	31.2x13.4= 418 m <sup>2</sup>
<b>Área de Carga /Cargo Deck:</b>	1000 T
<b>Cubierta de Carga / Cargo Deck:</b>	5 T/m <sup>2</sup> & 10 T/m <sup>2</sup>
<b>Deck Strength:</b>	991 m <sup>3</sup>
<b>Aceite combustible / Fuel Oil:</b>	532 m <sup>3</sup>
<b>Agua Potable / Fresh Water:</b>	921 m <sup>3</sup>
<b>Agua de Perforacion /</b>	423 m <sup>3</sup>
<b>Drill/Ballast Water:</b>	
<b>Lodo / Liquid Mud:</b>	165 m <sup>3</sup>
<b>Mud/Brine/Base Oil:</b>	1006 m <sup>3</sup>
<b>Aceite Recuperado / Recovered Oil:</b>	250 m <sup>3</sup>
<b>Dry Bulk:</b>	10 m <sup>3</sup> each

#### MAQUINARIA Y PROPULSION / MACHINERY & PROPULSION

<b>Motor principal / Main Engine:</b>	2 x Wartsila 9L32, 4500 kW
<b>Propulsion:</b>	Wartsila Lips CPP in HR Nozzle
<b>Hélice de proa / Bow Thruster:</b>	2 x 820 kW, CPP, each 120 kN
<b>Popa / Stern Thruster:</b>	1 x 820 kW, CPP, 120 kN
<b>Timón / Rudder:</b>	Rolls-Royce High Lift Flap
<b>Steering:</b>	Tenfjord Rotary Vane
<b>Generador de ejes / Shaft Generator:</b>	2 x 1800 kW, 440V/3P/60Hz
<b>Generador auxiliar / Auxiliary Generator:</b>	2 x 320 kW, 440V/3P/60Hz 1 x 72 kW, 440V/3P/60Hz

#### REMOLQUE Y ANCLA / TOWING AND ANCHOR-HANDLING

<b>Tracción a punto fijo / Bollard Pull:</b>	153.6 T Continuous
<b>Winch principal / Main Winch:</b>	Brattvaag LP Hydraulic
<b>Capacidad del tambor / Drum Capacity:</b>	2 x 2500 m of 76 mm wire
<b>Línea de tracción / Line Pull:</b>	300 T at First Layer
<b>Freno / Brake:</b>	450 T at First Layer
<b>Cable Lifter:</b>	1 x 76 mm & 1 x 84 mm
<b>Rig Chain Locker:</b>	2 x 80 m3, 500 m of 3" chain
<b>Tope de la cadena / Chain Stopper:</b>	2 x Karm Fork, 300TSWL
<b>Remolque Pin / Tow Pin:</b>	4 x Karmoy, 160 MT BP
<b>Rodillo de popa / Stern Roller:</b>	4 m length x 2 m dia, 450 T
<b>Spare Rope Reel:</b>	2 X 1500 m of 76 mm wire
<b>Tow Wire:</b>	2 x 1400 m of 76 mm wire
<b>Work Wire:</b>	2 x 250 m of 76 mm wire

#### MAQUINARIA DE CUBIERTA / DECK MACHINERY

<b>Tugger:</b>	2 x 12 T @ 24 m/min
<b>Cabrestante / Capstan:</b>	2 x 10 T @ 19 m/min
<b>Molinete / Windlass:</b>	1 x 15 T @ 12 m/min
<b>Grúa / Crane:</b>	1 x 5 T @ 12 m, fixed boom

#### EXTERNAL FIRE FIGHTING & ANTI POLLUTION

<b>FiFi Pumps:</b>	2 x 1500 m3/hr at 14 bar
<b>Monitores de agua / Water Monitors:</b>	2 x 1200 m3/hr
<b>Monitores de espuma / Foam Monitors:</b>	2 x 300 m3/hr
<b>Fixed Water Spray:</b>	FiFi 1 requirement
<b>Tanque de espuma / Foam Tank:</b>	25 m3
<b>Dispersante Boom / Dispersant Boom:</b>	2x6m length
<b>Tanque dispersante / Dispersant Tank:</b>	12.5 m3

#### CARGA DE LA BOMBA Y SISTEMA / CARGO PUMP & SYSTEM

<b>Lodo / Liquid Mud:</b>	2 x 150 m3/hr at 18 bar
<b>Salmuera / Brine:</b>	1x150 m3/hr at 18 bar
<b>Emulsion:</b>	1 x 150 m3/hr at 18 bar
<b>Agua de perforacion / Drill Water / Diesel:</b>	2 x 150 m3/hr at 18 bar
<b>Potable / Potable:</b>	1 x 150 m3/hr at 18 bar
<b>Dry Bulk Discharge:</b>	Approx. 80 m3/hr
<b>Dry Bulk Compressor (2)</b>	18.5 m3/min at 5.6 bar
<b>Agitadores Mecanicos / Mechanical Agitator:</b>	Each Mud/Brine tank
<b>Fixed Tank Washing:</b>	Each Mud/Brine tank
<b>Control remoto / Remote Control:</b>	Rolls-Royce UMAS

#### ALOJAMIENTO / ACCOMMODATION

<b>Berth (30):</b>	6 single, 6 double & 3 x 4-berths
<b>NAVIGATION:</b>	X-band and S-band radars, Autopilot, Echo Sounder, Speed Log, Weather Fax.
<b>COMMUNICATION:</b>	2 x INMARSAT-C and 1 x Fleet Broadband 150 (Email, Voice & Data)
<b>RESCUE:</b>	Norsafe 15-men FRC, 144 HP Inboard Diesel Engine, Waterjet Propulsion and Davit