



CARACTERISTICAS PRINCIPALES / MAIN SPECIFICATIONS

GENERAL

Puerto de Registro / Port of Registration:	Singapore
IMO No:	9380221
Distintivo de llamada / Call Sign:	9VEX2
Entrega / Delivery:	26 May 2008
Constructor / Built:	USC Keihin Shipyard, Japan
Diseño / Design:	USC MX-A150
Clase / Class:	ABS, A1, AH/OSV, Towing, Fifi1, DPS-2, ACCU, AMS

DIMENSIONES / DIMENSION

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

VELOCIDAD DE PRUEBA / TRIAL SPEED / CONSUMPTION @ 4.92 m Draft

Cruising (50% MCR):	13.17 knots/21.2 T/day
Full (85% MCR):	14.19 knots / 34.9 T/day
Maximum (100% MCR):	14.41 knots / 41.4 T/day

CAPACIDAD / CAPACITY

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

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MAQUINARIA Y PROPULSION / MACHINERY & PROPULSION

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

REMOLQUE Y ANCLA / TOWING AND ANCHOR-HANDLING

Tracción a punto fijo / Bollard Pull:	153.9 T Continuous
Winch principal / Main Winch:	Brattvaag LP Hydraulic
Capacidad del tambor / Drum Capacity:	2 x 2500 m of 76 mm wire
Línea de tracción / Line Pull:	300 T at First Layer
Freno / Brake:	450 T at First Layer
Cable Lifter:	1 x 76 mm & 1 x 84 mm
Rig Chain Locker:	2 x 80 m3, 500 m of 3" chain
Tope de la cadena / Chain Stopper:	2 x Karm Fork, 300 T SWL
Remolque Pin / Tow Pin:	4 x Karmoy, 160 MT BP
Rodillo de popa / Stern Roller:	4 m length x 2 m dia, 450 T
Spare Rope Reel:	2 X 1500 m of 76 mm wire
Tow Wire:	2 x 1400 m of 76 mm wire
Work Wire:	2 x 250 m of 76 mm wire

MAQUINARIA DE CUBIERTA / DECK MACHINERY

Tugger:	2 x 12 T @ 24 m/min
Cabrestante / Capstan:	2 x 10 T @ 19 m/min
Molinete / Windlass:	1 x 15 T @ 12 m/min
Grú / Crane:	1 x ST @ 12 m, fixed boom

EXTERNAL FIRE FIGHTING & ANTI POLLUTION

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

CARGA DE LA BOMBA Y SISTEMA / CARGO PUMP & SYSTEM

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

DYNAMIC POSITION SYSTEM

Interfaces:	DGPS, Gyro, Laser, Anemometers, Motion Reference Sensor
Make/Model:	Converteam ADP21

ALOJAMIENTO / ACCOMMODATION

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