GENERAL

YARD NUMBER
519302

DELIVERY DATE
July 2009

BASIC FUNCTIONS
Diving and trials support, coastal service

CLASSIFICATION
Lloyds Register

FLAG
United Kingdom

OWNER
Serco Denholm Marine Services Limited, U.K.

DIMENSIONS
LENGTH O.A.
25.54 m

BEAM O.A.
10.64 m

DEPTH AT SIDES
3.35 m

DRAUGHT AFT
2.34 m

DISPLACEMENT
362 ton

TANK CAPACITIES
FUEL OIL
40.0 m³

FRESH WATER
21.2 m³

SEWAGE
2.8 m³

LUBRICATION OIL
2.8 m³

BILGE WATER
2.8 m³

DIRTY OIL
1.3 m³

HYDRAULIC OIL
1.3 m³

WATERBALLAST
67.2 m³

PERFORMANCES (TRIALS)
SPEED
8.4 knots

PROPELLUTION SYSTEM

MAIN ENGINES
2x Caterpillar C18 / B

TOTAL POWER
714 kW (957 bhp) at 1800 rpm

GEARBOXES
2x Reintjes WAF 164L, 4.56 : 1

PROPELLER
2x Promarin fixed pitch propellers (1350 mm prop. diameter)

NOZZLES
2x Van de Giessen Optima with st.st. innerring

BOW THRUSTER
Delta-2k with Ø 1000 mm propeller

AUXILIARY EQUIPMENT

GENERATOR SETS
2x Caterpillar C 4.4 T, 86.0 kVA, 230/400 V, 50 Hz Engines, gearboxes + bilge alarm

ALARM SYSTEM
2x150 Watt, one on fore and one on aft deck

FLOODLIGHT
2x Sterling AKHK 5101 , 20 m³/hr at 14 m.w.g.,

BILGE PUMP/GS PUMP
1x main engine driven, 1x electrically driven

FRESH WATER HEATER
Gesta 80 liter

SEWAGE TREATMENT PLANT
Hamann, Supermini

HYDRAULIC POWERPACK
Diesel driven Caterpillar C18, 448 kW at 1800 rpm

DECK LAYOUT

ANCHOR WITH CHAIN
Pool HHP type, 225 kg + spare anchor

ANCHOR WINCHES
2x Kraaijeveld, hydraulically driven, 20 ton at 5 m/min, 25 ton brake

BULLET/MOORING WINCHES
Hydraulically driven 9 ton at 20 m/min, 12 ton brake

DECK CRANE
Hydraulic Heila HLRM 140-3SL

Capacity 9.0 ton at 7 m. The crane is fitted with a hydraulic winch, 9.0 ton lifting capacity

Diameter 900 mm, 2626 mm width

Double drum hydraulic winch pull 20 ton at 5 m/min with warping head and wildcat

ACCOMMODATION
Wheelhouse, day-room/ pantry and sanitary space on main deck. Below main deck three double crew cabins, sanitary spaces with shower, a laundry and workshop are arranged.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCHLIGHT
Pesch 1000 W

RADAR SYSTEM
2x JRC JMA 5210-4

COMPASS
Magnetic Kotter type

GPS COMPASS
JRC JLR 30

AUTOPILOT
Alphatron Alphaseapilot MFC

DGPS
2x JRC J-NAV 500/JLR 4331

CHART PLOTTER / ECHO SOUNDER
SEIWA Explorer (Black Box)

VHF
1x Sailor Compact RT 5022 + 1x RT 2048

HAND HELD VHF
Sailor SP 3520 GMDSS approved

NAVTEX
JRC NCR-330

ANEMOMETER
Alphatron Alpha wind MFM