YARD NUMBER: 516003
DELIVERY DATE: January 2012

BASIC FUNCTIONS:
General purpose workboat, anchor handling, dredging support

CLASSIFICATION:
Lloyd’s Register
* 100 A1 Extended Protected Waters (*) LMC

FLAG:
Iraq

OWNER:
Ministry of Water Resources - Iraq

DIMENSIONS:
LENGTH O.A.: 12.52 m
BEAM O.A.: 4.96 m
DEPTH AT SIDES: 1.80 m
DRAUGHT AFT: 1.55 m
DISPLACEMENT: 49.8 ton

TANK CAPACITIES:
FUEL OIL: 6.1 m³

PERFORMANCES (TRIALS):
BOLLARD PULL AHEAD: 4.9 ton
SPEED: 8.4 knots

PROPULSION SYSTEM:
2x Caterpillar 3056 TA/C
246 kW (330 bhp) at 2100 rpm
PRM 1000 4:1
Two bronze fixed pitch propellers, 1000 mm diameter, make Promarin
Two Optima 770 mm Van de Giessen

ENGINE/GEARBOX CONTROLS:
Kobelt, cable type

STEERING GEAR:
Powered hydraulic 2x 45°, rudder indicator

AUXILIARY EQUIPMENT:
BILGE PUMP:
SIHI VW20 24 m³/hr at 10 m.w.g.

BATTERY SET:
2x 24 V 200 Ah each

COOLING SYSTEM:
Cooling water system, closed type

DECK LAY-OUT:
ANCHOR:
48 kg Pool (High Holding Power)

CHAIN:
10 m short link, 13 mm U2 (Class)

DECK CRANE:
HLM 10-2S 1.0 ton at 8.4 m/min

DECK WINCH:
Kraaijeveld, pull 7.5 ton at 5 m/min.

TOWING BITT:
Single pole on aft deck

ACCOMMODATION:
Wheelhouse with dashboard, survey desk and settee.
Below deck a store and toilet space are arranged.

NAUTICAL AND COMMUNICATION EQUIPMENT:
RADAR SYSTEM:
Furuno 1832

COMPASS:
Iris-50, magnetic hand held

ECHOSOUNDER:
Furuno LS-6100

VHF:
Sailor 6248
DAMEN MULTI CAT® 1205
"AL-ZAWRAA"