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EXPEDITION VESSEL NB 147**GENERAL**

YARD NUMBER	147
DELIVERY DATE	November 2006
HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminum
BASIC FUNCTIONS	Expedition Vessel
CLASS	American Bureau of Shipping +A1+AMS
SAFETY	SOLAS (2004) National authorities' requirements

DIMENSIONS

LENGTH O.A.	45,40 m.
BEAM MOULDED	10,00 m.
DEPTH MOULDED	4.40 m.
DRAUGHT MAX.	3.00 m.

TANK CAPACITIES

DIESEL OIL	108,00 m ³
FRESH WATER	28,00 m ³

PERFORMANCE

SPEED	12 kn.
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PROPULSION SYSTEM

MAIN ENGINES	Cummins KTA-38MD
TOTAL POWER	2 x 634 kW @1800 rpm.
PROPULSION	FPP-Twin screw, Propeller diam. 1400 mm

POWER GENERATION**MAIN GEN SETS**

SET RATING:	2x164 kW@1500 rpm
VOLTAGE:	3x400 V/ 50 Hz

HARBOUR GENSET

SET RATING:	40 kW@1500 rpm
VOLTAGE:	3x400 V/ 50 Hz

EMERGENCY GENSET

SET RATING:	85 kW@1500 rpm
VOLTAGE:	3x400 V/ 50 Hz

AUXILIAR EQUIPMENT

CAPACITY	2 x 450 kw.
NETWORK	400 V AC, 3 phase, 50 HZ 24 V DC

ACCOMMODATION

PASSENGERS	38
OFFICERS & CREW	21
SERVICE SPACES	1 lounge, 1 bar, 1 mess
HVAC	Air Conditioning and heater in passengers cabins, saloons and crew accommodations.

NAUTICAL, SURVEILLANCES AND COMMUNICATION EQUIPMENT

According to GMDSS A3

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