



# DAMEN STAN PATROL® 4708

## "LILIAN NGOYI"

### GENERAL

YARDNUMBER	549957
FLAG	South African
DATE OF DELIVERY	November 2004
HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminium
BASIC FUNCTIONS	Fishery, environmental protection, SAR, fire fighting and limited towing.
CLASSIFICATION	Lloyd's Register of Shipping * 100 A1 SSC, Patrol Mono, G4, LMC, UMS

### DIMENSIONS

LENGTH O.A.	46.80 m
BEAM O.A.	8.11 m
DEPTH AT SIDES	4.25 m
DRAUGHT MAX	2.90 m

### TANK CAPACITIES

FUEL	72.5 m <sup>3</sup>
FRESH WATER	14.0 m <sup>3</sup>
DISPERSANT	13.3 m <sup>3</sup>

### PERFORMANCE (TRIALS)

SPEED	23.8 kn.
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### PROPULSION SYSTEM

MAIN ENGINES	2 x MTU 16V4000 M90
TOTAL POWER	5440 bkW at 2100 rpm
GEARBOXES	2 x ZF 7540
PROPELLERS	2 x Wärtsilä CPP

### ELECTRICAL EQUIPMENT

GENERATOR SETS	2 x 180 kVA, 1500 rpm
NETWORKS	380V-50 Hz / 220V-50 Hz, 24V d.c.

### DECK LAY-OUT

ANCHOR	315 kg H.H.P. Pool-TW, 1 spare
ANCHOR CHAIN	17.5 mm U2 chain 137.5 m
FENDERING	Steel pipe
DAVIT	Davit w/self tension winch, Vest Davit
CRANE	Palfinger 6500 MA – 56.8 kNm
DAUGHTER CRAFT	7 m RIB w/inboard diesel

### AUXILIARY SYSTEMS

BOW THRUSTER	75 kW
FIRE FIGHTING (EXT)	Chubb, with water/foam monitor

### LIFE SAVING EQUIPMENT

LIFE BUOYS	4
LIFE JACKETS/ SUITS	16 / 6
LIFE RAFTS	2 x 16 persons

### ACCOMODATION

CREW	16 + 4 persons
AIR CONDITIONING	In all accommodation areas

### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

RADARS	2 x Furuno FR-2127
GYRO COMPASS	IXSEA Octans
MAGNETIC COMPASS	Rathoon Reflecta
ECHO SOUNDER	Furuno, FE-700
GPS/ PLOTTER	Leica MX-420 BRIM
ECDIS	Furuno FEA – 2107 Ecdis

### OIL SPILL EQUIPMENT

DISPERSANT SYSTEM	Tanks, 10.000 l of dispersant Pump: 9 l/min dispersant 82 l/min dispersant 2 x Spray booms 5 m
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