



## KN. TRISULA and KN. SAROTAMA

Ordered by : Direktorat Jenderal Perhubungan Laut

BUILT UNDER LICENCE FROM A SHIPBUILDING KIT SUPPLIED BY DAMEN TECHNICAL COOPERATION

### GENERAL

YARD NUMBER	: 555051 & 555052
BASIC FUNCTIONS	: Search and Rescue, Oil Spill Recovery, Fire Fighting, Traffic Guidance, Disaster Command and co-ordination
CLASSIFICATION	: Germanischer Lloyd * 100 A5, * MC Biro Klasifikasi Indonesia (BKI) * A 100 (1), * SM
FLAG	: Indonesia

### DIMENSIONS

LENGTH O.A	: 61.80 m
BEAM MLD	: 9.70 m
DEPTH MLD	: 4.70 m
DRAUGHT (DESIGN)	: 3.20 m

### TANK CAPACITIES

FUEL OIL	: 242 m <sup>3</sup>
FRESH WATER	: 59 m <sup>3</sup>
DISPERSANT	: 2 m <sup>3</sup>

### PERFORMANCES

SPEED (100% MCR)	: 18.0 knots (at max. displacement)
CRUISING SPEED	: 17.0 knots (at reduced displacement)
ENDURANCE AT 17 kn	: 3.000 nm

### PROPULSION SYSTEM

MAIN ENGINE	: 2 x MTU 16V400M70
OUTPUT	: 2320 kW each
GEARBOX	: LAF872
PROPELLER	: 2100 mm
BOW THRUSTER	: 1 x CPP, E-motor 160 kW

### AUXILIARY EQUIPMENT

GENERATOR SETS	: 3 x 175 kVA, 50 Hz
EMERGENCY GENZET	: 55 kVA, 50 Hz

### DECK EQUIPMENT

DECK CRANE	: 3.5 ton at 10 m / ton at 6.5 m
CAPSTAN	: 2 ton at 15 m / min
WORKBOAT	: 1 x 7.0 m RIB with 161 kW inboard
RESCUE BOAT	: 1 x SOLAS 6 persons, 20 knot
TOWING HOOK	: 150 kN

### OIL RECOVERY EQUIPMENT

BOOMS	: 200 + 50 m Ro-boom 1500
SKIMMER	: 1 x Desmi terminator DS 250
JIB	: 15 m jib in three sections
SPRAY BOOMS	: 2 x 4.5 m with nozzles
OIL STORAGE	: 2 x 25 m <sup>3</sup> floating RO-tanks

### ACCOMODATION

Fully air-conditioned and accomodation for 51 persons. Incl. 1, 2, 4 and 24 persons cabin, mess rooms, galley, laundry, hospital, sickbay, survivor seating area, stores etc.

### NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment according to GMDSS rules for Area A3 Incl. Satcom C. Nautical Equipment incl. X and S-band radars, Radio direction finder, Gyro, DGPS, Doppler log, Autopilot, Echo sounder, Navtex etc.

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