



## DAMEN FCS® 3307 SEA AXE - PATROL

**"TMC ANGEL"**

### GENERAL

YARDNUMBER 544843  
 DELIVERY DATE May 2015  
 FLAG St. Vincent and Grenadines  
 HULL MATERIAL Aluminium  
 SUPERSTRUCTURE Aluminium  
 BASIC FUNCTIONS Fast Security Vessel  
 CLASSIFICATION Bureau Veritas  
 I ⚓ Hull ● MACH  
 Light Ship/Fast Patrol Vessel,  
 Sea Area 3

### DIMENSIONS

LENGTH O.A. 33.32 m  
 BEAM O.A. 7.35 m  
 DEPTH AT SIDES 3.30 m  
 DRAUGHT MAX 2.90 m

### CAPACITIES

FUEL OIL 46.90 m<sup>3</sup>  
 FRESH WATER 5.20 m<sup>3</sup>  
 WASTE WATER 2.40 m<sup>3</sup>  
 FRESH WATER BALAST 5.10 m<sup>3</sup>  
 CARGO DECK AREA 75.00 m<sup>2</sup>  
 MAX. DECK LOAD 20.0 ton  
 CREW 8 persons  
 INDUSTRIAL PERSONNEL 9 persons

### PERFORMANCES (TRIALS)

SPEED 30.0 knots  
 RANGE AT MAX SPEED 1250 nm

### PROPULSION SYSTEM

MAIN ENGINES 3x Caterpillar C32 TTA – C  
 TOTAL POWER 3243 bkW  
 GEARBOXES 3x Reintjes WWS 730/1L  
 PROPULSION 3x Fixed pitch propellers  
 BOWTHRUSTERS 1x 75 kW, Hydraulic

### ELECTRICAL EQUIPMENT

NETWORK 24V d.c. 230V/400V, 50 Hz  
 GENERATOR SET(S) 2x Caterpillar C4.4 T, 60.6 kVA

### DECK LAY-OUT

ANCHOR EQUIPMENT 1x SHHP Pool TW  
 FENDERING Aluminum fender on deck level, heavy duty rubber fender and tyre fender  
 DAUGHTER CRAFTS 1x 6.5m RIB, 40 knots  
 DAVIT 1x A-frame davit

### LIFE SAVING EQUIPMENT

LIFE BUOYS 6  
 LIFE JACKETS 20  
 LIFE RAFTS 2x 20 persons  
 FIRE EXTINGUISHING Fixed gas flooding system Engine Room  
 Portable extinguishers according to class

### AUXILIARY EQUIPMENT

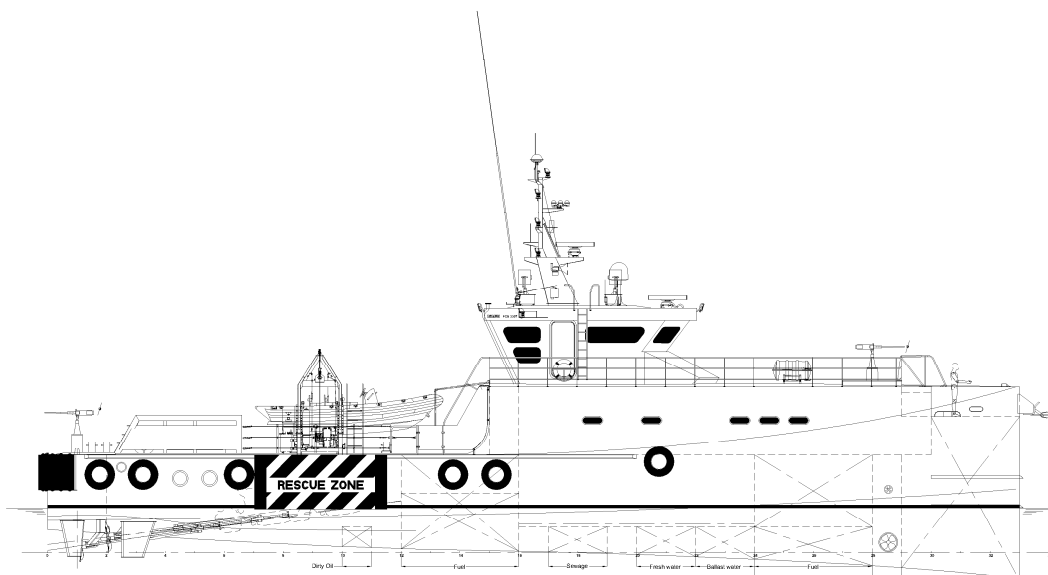
ENGINE ROOM VENTILATION Axial flow fans  
 GENERAL SERVICE PUMPS Electrically driven, 400V, Azcue CA 50 10m<sup>3</sup>/hr  
 WATERMAKER Aqua-Matic 700-1

### ACCOMODATION

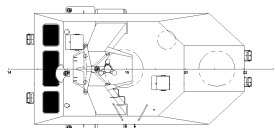
BELOW MAIN DECK Settee, pantry, cabins, sanitary space  
 MAIN DECK Cabins sanitary spaces, dayroom, store  
 AIR-CONDITIONING In wheelhouse and accommodation

### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

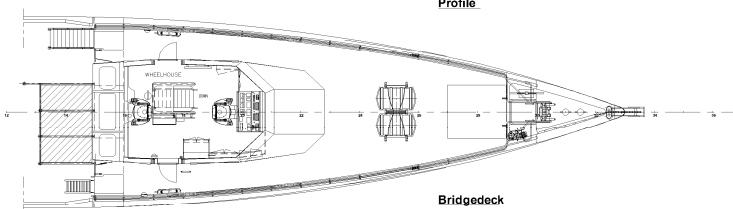
SEARCHLIGHT 2x Pesch 1000 Watt 230 V  
 COMPASS 1x Magnetic, 1x Satellite Compass  
 RADAR 2x JRC, JMA-5212-4 MK2  
 ECHO SOUNDER Alphantron, Alpadept  
 GPS/ DGPS JRC, JLR 7500  
 AIS 2x JRC, JHS183  
 INTERNAL COMMUNICATION Intercom, loudhailer and CCTV system  
 EXTERNAL COMMUNICATION 2x Sailor RT 6222  
 MF/HF Sailor 6300  
 NAVTEX JRC NCR 333  
 INMARSAT-F Thrane & Thrane Fleetbroadband 500  
 NIGHT VISION CAMERA FLIR m-618CS



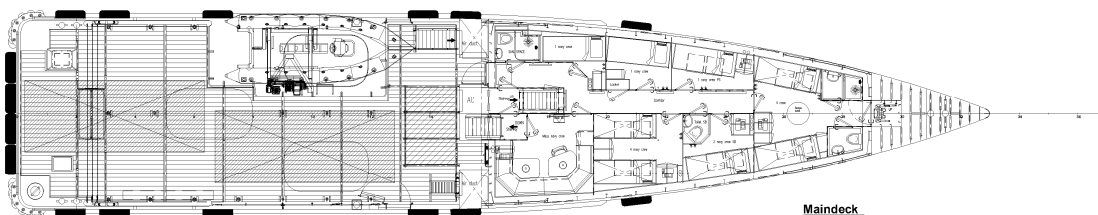
Profile



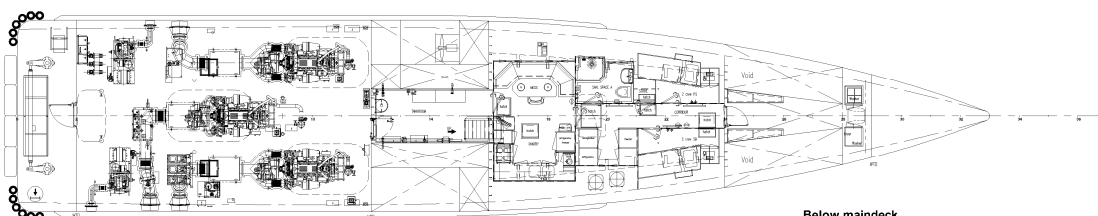
Top of wheelhouse



Bridgedeck



Maindeck



Below maindeck

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**DAMEN**

DAMEN SHIPYARDS GORINCHEM

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