



DAMEN FAST CREW SUPPLIER[®] 5009 "SEA AXE "

GENERAL

HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminium
BASIC FUNCTIONS	Crew and cargo duties
CLASSIFICATION	Bureau Veritas
NOTE	I *Hull *MACH Special Service/Fast Utility Vessel Sea Area 4 DYNAPOS AM. Fire Fighting Ship 1, Waterspray

DIMENSIONS

LENGTH O.A.	53.25 m
BEAM O.A.	10.10 m
DEPTH AT SIDES	4.70 m
DRAUGHT MAX	3.20 m

CAPACITIES

FUEL OIL	169.8 m ³
FRESH WATER	28.6 m ³
FRESH WATER CARGO	173.1 m ³
CARGO DECK AREA	240 m ²
MAX. DECK LOAD	2.50 t/m ²
CREW	8 persons
INDUSTRIAL PERSONNEL	80 persons

PERFORMANCES

SPEED	20 - 30 knots
RANGE	3100 nm. at max. speed

PROPULSION SYSTEM

MAIN ENGINES	4x Caterpillar/MTU
TOTAL POWER	4000 – 8000 bkW
GEARBOXES	4x Reintjes WVS series
PROPULSION	4x fixed pitch propellers
BOWTHRUSTERS	2x 85 bkW

ELECTRICAL EQUIPMENT

NETWORK	24V d.c. 240/415V 60 Hz a.c.
GENERATOR SETS	3x 99.0 kW/123 kVA

DECK LAY-OUT

ANCHOR EQUIPMENT	1x 184 kg VHHP with steel cable
FENDERING	Steel fender on deck level, heavy duty rubber fender and tyre fenders
CRANE	Up to Heila HLRM 140-5S

LIFE SAVING EQUIPMENT

LIFE BUOYS	4
LIFE JACKETS	Based on number of persons on board
LIFE RAFTS	5x 25 persons
FIRE EXTINGUISHING	Hand operated fire extinguishers. Fixed Fi-Fi system in engine room (Novec 1230)

AUXILIARY EQUIPMENT

ENGINE ROOM VENTILATION	72,000 m ³ /hr
GENERAL SERVICE PUMPS	Electrically driven, 400V, Azcue CA 50
FUEL CARGO PUMP	1x 415 V 70 m ³ /hr at 6.3 bar
FRESH WATER CARGO PUMP	1x 415 V 70 m ³ /hr at 6.3 bar

ACCOMODATION

BELOW MAIN DECK	1x captain's cabin, 1x officers cabin, 1x 4 crew cabin, 1x 2 crew cabin, cold store, pantry and mess
MAIN DECK	80 seats, luggage storage and 2 toilets
AIR-CONDITIONING	285,000 BTU

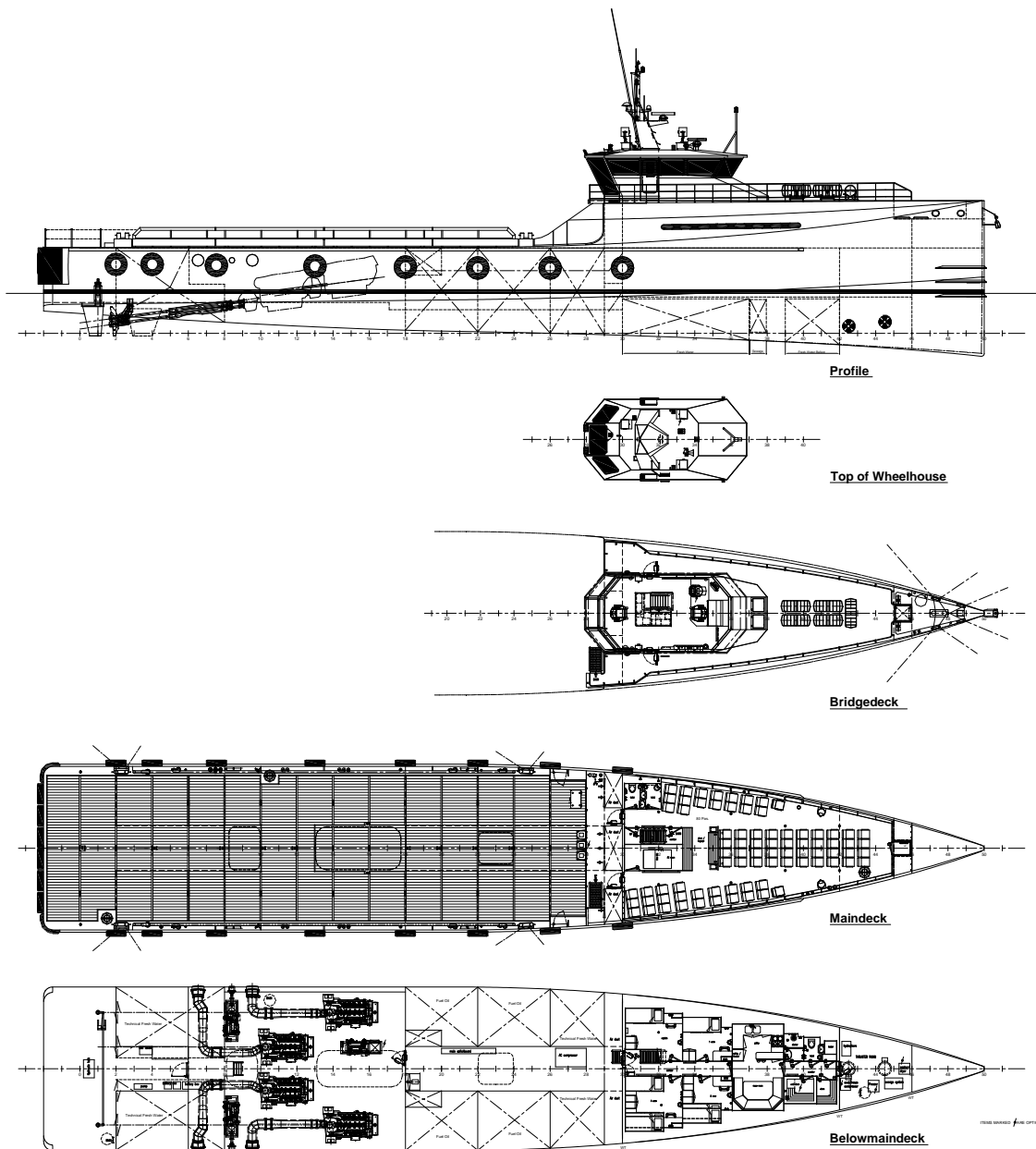
NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

SEARCHLIGHT	2x 1000 Watt 240 V
COMPASS	Gyro and magnetic
ECHO SOUNDER	
RADAR	
AIS	
GPS/ DGPS	
INTERNAL COMMUNICATION	Intercom , loudhailer and CCTV system
EXTERNAL COMMUNICATION	GMDSS A3
FLEETBROADBAND/V-SAT	
WIFI SYSTEM	

VARIOUS

NOTE: SOME ITEMS IN THIS SPECIFICATION ARE OPTIONAL. SPECIFICATION AND GENERAL ARRANGEMENT CAN BE CHANGED WITH OUT NOTICE.

2015-05-28



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DAMEN

DAMEN SHIPYARDS GORINCHEM

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