



## DAMEN FAST CREW SUPPLIER® 5009

"ESNAAD 711"

### GENERAL

YARDNUMBER	547204
OWNER	Abu Dhabi National Oil Company
DATE OF DELIVERY	May 2011
HULL MATERIAL	Steel
SUPERSTRUCTURE	Aluminium
BASIC FUNCTIONS	Safety Standby Vessel
CLASSIFICATION	Bureau Veritas I * Hull MACH, DYNAPOS AM. Special Service/ Fast Crew Supplier, Unrestricted Service Fire fighting ship 1, waterspray

### DIMENSIONS

LENGTH O.A.	51.25 m
BEAM O.A.	10.10 m
DEPTH AT SIDES	4.70 m
DRAUGHT MAX	3.45 m

### CAPACITIES

FUEL OIL	169.00 m <sup>3</sup>
FRESH WATER	161.00 m <sup>3</sup>
DIRTY OIL & BILGE WATER	2 x 1.50 m <sup>3</sup>
SEWAGE	1.10 m <sup>3</sup>
FOAM	30.80 m <sup>3</sup>
DISPERSANT	9.70 m <sup>3</sup>
CARGO DECK AREA/ LOAD	200 m <sup>2</sup> / 2.5 t/m <sup>2</sup>
CREW	15 persons

### PERFORMANCES

SPEED (TRIAL)	21.4 knots @ 80 ton Dwt
MAX. BOLLARD PULL	27 tons

### PROPULSION SYSTEM

MAIN ENGINES	4 x Caterpillar 3512C TA WOSR
TOTAL POWER	4472 kW (6000 bhp) at 1600-1800
GEARBOXES	4 x Reintjes ZWVS 730/1L
PROPULSION	4 x Fixed pitch propellers
BOWTHRUSTERS	2 x 88 bkW, electrically driven

### ELECTRICAL EQUIPMENT

NETWORK	240V / 415V, 60 Hz
GENERATOR SETS/ CAPACITY	3 x Caterpillar C4.4, 99 ekW 123 KVA

### DECK LAY-OUT

ANCHOR EQUIPMENT	1 x 184 kg H.H.P.
MARINE DECK CRANE	HLM 25-3S, swl 2 ton @ 10.55 meters

### FIRE FIGHTING EQUIPMENT

FIFI MONITORS	2 x 1200 m <sup>3</sup> /hr Alco APF 7 -AC
SPRAY BOOMS	2 x dispersant booms
FIRE FIGHTING INTERNAL	Novec 1230

### LIFE SAVING EQUIPMENT

LIFE BUOYS	6
LIFE JACKETS	53
LIFE RAFTS	2 x 25 persons
FAST RESQUE BOAT	FAST RSQ 700, speed 30+ knots in A-frame davit.

### AUXILIARY EQUIPMENT

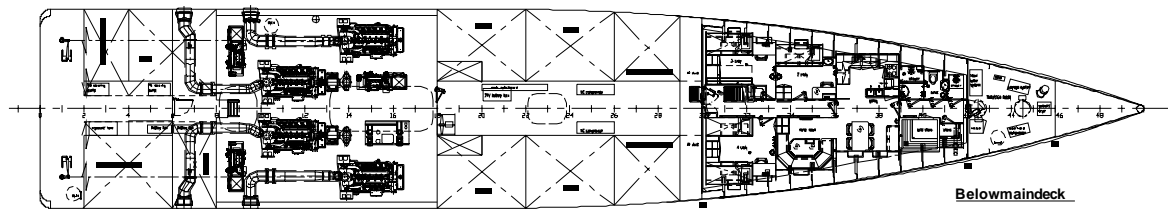
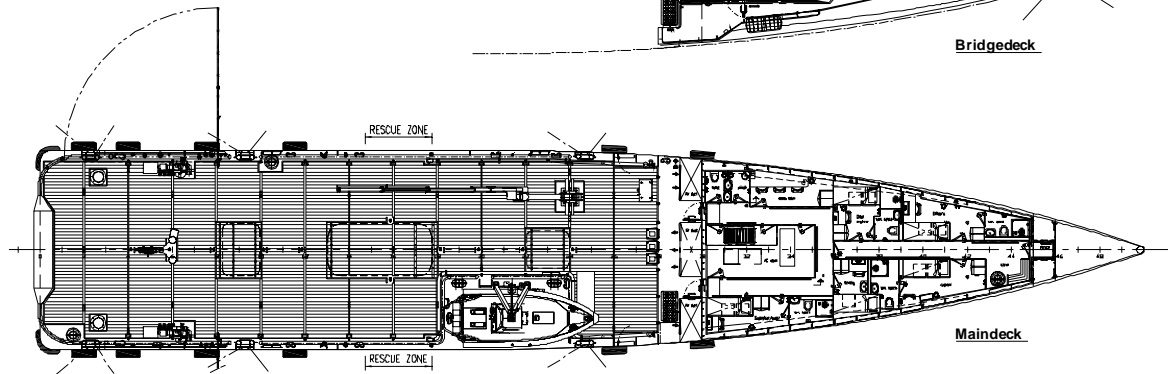
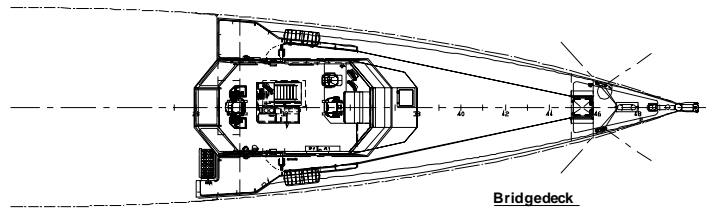
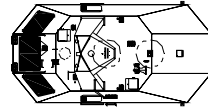
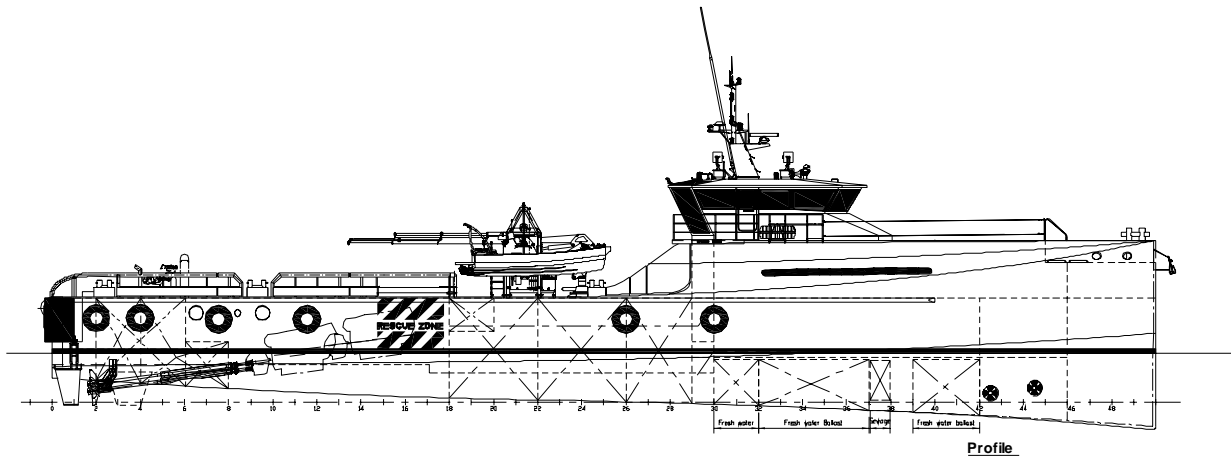
ENGINE ROOM VENTILATION	72,000 m <sup>3</sup> / hr
BILGE PUMPS	25 m <sup>3</sup> / hr @ 3.8 bar
BILGE WATER SEPERATOR	Facet, CPS-2.5 mk II + EBM 14X
DYNAMIC FUEL SEPERATOR	Westfalia, OTC 3-02-137
SEWAGE TREATMENT PLANT	Hamann, Mini Norway
CARGOPUMPS (F.W. & FUEL)	70 m <sup>3</sup> / hr @ 60m head

### ACCOMODATION

BELOW MAIN DECK	Crew cabins, pantry and mess room
MAIN DECK	Crew cabins, radio room and sickbay
AIR CONDITIONING	Air Conditioning in wheelhouse and accommodation 2 x 87 kW

### NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

SEARCHLIGHTS	2 x 1000W MP Pesch
RADARS	2 x JRC, JMA 5206-4th HS
DGPS	NWZ-4570
ECHO SOUNDER	Alphatron, Alphasounder
VHF'S AND MF / HF	Thrane, RT5022 & Thrane 5000
GPS COMPASS	JRL-20
NAVTEX & AIS	JRC, NCR-333 & JRC, JHS-182
EPIRB/ SART	McMurdo E5/ McMurdo S4
AUTOPILOT	Alphapilot MFC
GYRO COMPASS	Alphaminicourse
DYNAMIC POSITIONING	Alphatron / Navis, (Dynapos AM)
ECDIS	Transas Navi-Sailor 4000



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DAMEN SHIPYARDS GORINCHEM

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