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## DAMEN MULTI-PURPOSE VESSEL 6014

### GENERAL

#### BASIC FUNCTIONS

The vessel is suitable for a.o. anchor handling, diving support, buoy-laying, supply for water, fuel and general cargo to remote areas / offshore platforms, fire-fighting, evacuation of sick personnel  
 Lloyd's Register  
 Ⓢ100A1 Tug, Fire-Fighting Ship 1 (2400 m<sup>3</sup>/h) with water spray, WDL(+), Ⓢ LMC, UMS, DP(AA), CAC(3), EP

#### CLASSIFICATION

### DIMENSIONS

LENGTH O.A.	60.30 m
LENGTH B.P.P.	55.00 m
BEAM MLD.	14.00 m
DEPTH MLD.	6.00 m
DRAUGHT SUMMER	4.50 m
DEADWEIGHT (SUMMER)	1100 t
DECK AREA	300 m <sup>2</sup>
DECK STRENGTH	5 ton/m

### TANK CAPACITIES

BALLAST	580 m <sup>3</sup>
FUEL OIL (SERVICE)	340 m <sup>3</sup>
POTABLE WATER	480 m <sup>3</sup>
FUEL OIL CARGO	550 m <sup>3</sup>

### PERFORMANCES (APPROX.)

SPEED (AT 5.00 M DRAUGHT)	14.0 kn
BOLLARD PULL	64 ton

### PROPULSION SYSTEM

MAIN ENGINES	2x Wartsila 6L26, 2040 bkW at 1000 rpm
PROPELLERS	2x 2400 mm, CPP, Azimuth in nozzle
BOW THRUSTERS	2x 450 kW, 1500 mm, FPP

### AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x 830 kW at 1800 rpm
EMERG./HARBOUR GEN. SET	1x 200 kW at 1800 rpm

### DECK LAY-OUT

ANCHOR MOORING WINCH	1x combined, with 2 warping heads and rope storage drum
CAPSTANS	2x each 5 t pull
ANCHOR HANDLING / TOWING WINCH	Waterfall type, 1 towing drum, 1 AH drum 100 t pull, 150 t brake holding power
TOWING PINS	2x 160 t SWL
CHAIN FORK	2x 250 t SWL
DECK CRANE	25 t at 7 mtr, 12t at 15 mtr (offshore)
TUGGER WINCH	2x each 15 t pull
STERN ROLL	1x 210 t SWL

### CARGO HANDLING SYSTEM

FUEL OIL PUMPS	2x 100 m <sup>3</sup> /hr at 70 m head
FRESH WATER PUMPS	1x 100 m <sup>3</sup> /hr at 70 m head
FIRE FIGHTING	2x diesel driven pumps, 1700 m <sup>3</sup> /hr; 2x fire monitors; water spray system

### DIVING SUPPORT

DECOMPRESSION CHAMBER	3 persons, 5 bar
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### ACCOMMODATION

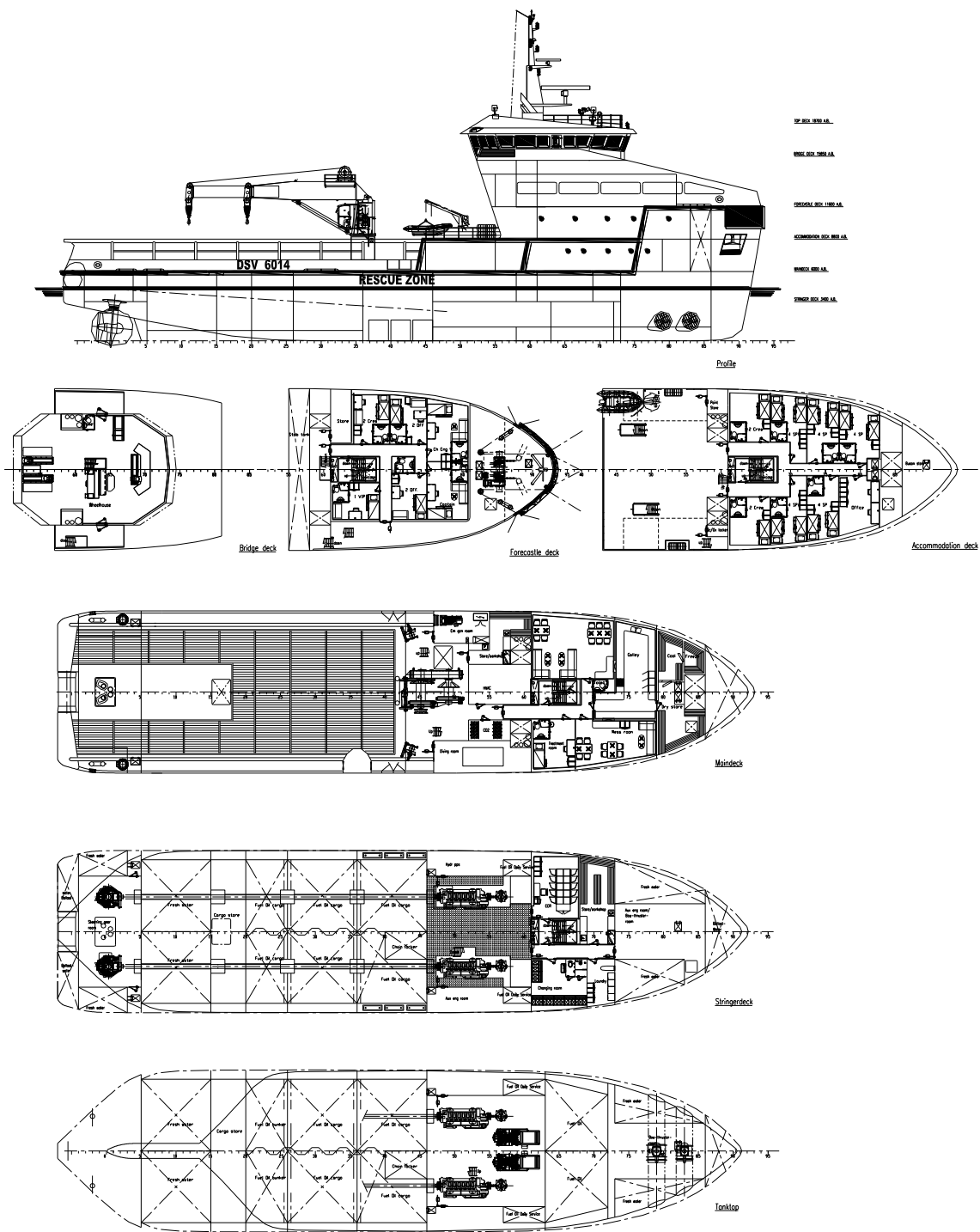
CREW	12 persons
SPECIAL PERSONNEL	26 persons

### NAUTICAL AND COMMUNICATION EQUIPMENT

NAVIGATION	a.o. X-band radar, S-band radar, ECDIS
DP- SYSTEM	DP-2

### OPTIONS

A.O. HIGHER BOLLARD PULL, HYDROGRAPIC SURVEY EQUIPMENT, DRY BULK CARGO CAPACITY, OIL RECOVERY



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**DAMEN**

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