



DAMEN OFFSHORE SUPPORT TUG 5515

GENERAL

FUNCTIONS

Multirole tug for terminal-, SBM- and FPSO support operations
Lloyds register or equivalent
✳100A1, ✳LMC, UMS, DP(AA), Anchor Handler, Fire Fighting ship 1.

CLASSIFICATION

DIMENSIONS

LENGTH O.A.	55.40 m
BEAM MLD.	15.00 m
DEPTH AT SIDES	7.50 m
DRAUGHT DESIGN	5.75 m
DEADWEIGHT	1080 ton
DECK LOAD (1 M ABOVE DECK)	300 ton
WORK DECK AREA	290 m ²

TANK CAPACITIES

FUEL OIL	960 m ³
FRESH WATER	55 m ³
BALLAST WATER	160 m ³
SEWAGE	55 m ³
SLUDGE	4 m ³
BILGEWATER	30 m ³
FOAM	50 m ³

PERFORMANCES (APPROX.)

SPEED (AT DESIGN DRAUGHT)	15.3 kn
BOLLARD PULL	120 ton

PROPULSION SYSTEM

MAIN ENGINES	2x MAK8M32C
TOTAL PROPULSION POWER	7680 bkW (10440 bhp) at 600 rpm
AZIMUTH THRUSTERS	2x CPP in nozzle
PROPELLER DIAMETER	3600 mm
BOW THRUSTER	2x Electric, 450 kW, FP

AUXILIARY EQUIPMENT

NETWORKS	230/440 V, 60 Hz
GENERATOR SETS	2x Caterpillar C18 TA, 531 kVA 2x Caterpillar C9 TA, 269 kVA
EMERGENCY GENERATOR	1x Caterpillar C4.4 TA
COOLING SYSTEM	Fresh water through box cooling

DECK LAY-OUT

ANCHOR WINCH

1x anchor winch. 2 cable lifters and 2 warpingheads.

CAPSTANS

2x Electric, each 5 t pull

TUGGER WINCH

2x Electric, 10 t pull

DECK CRANE

1x Electric-hydraulic, 80 tm.

TOWING WINCH

Electric waterfall type anchor handling towing winch, 2x 1000 m rope, 250t brake force 1e layer, 150t pull at 6 m/min

TOWING PINS / CHAIN FORK

300t

FIFI-1

2x Main engine drives pumps

ACCOMMODATION

A spacious air-conditioned accommodation with 16 cabins is fitted, of which 10 are executed as double cabin. The accommodation includes a large wheelhouse, ship's office, gym and various stores.

NAUTICAL AND COMMUNICATION EQUIPMENT

EXTERNAL COMMUNICATION

GMDSS A2, AIS

INTERNAL COMMUNICATION

Intercom, PA system, Telephone, CCTV

NAUTICAL SYSTEMS

X- band radar, autopilot, ECS, DGPS, gyro, echosounder, speedlog DP-2

POSITIONING

Remote controlled monitors

FIFI-1

OPTIONS

DIFFERENT PROPULSION SYSTEMS

100 ton bp

PROPULSION

Retractable bow thruster, 500 kW
Forward towing winch, 300 m rope, 250t brake

TOWING WINCH

Alternative deck cranes

CRANES

A variety of deckmounted equipment

OIL RECOVERY

ECDIS, Conning, GMDSS A3

NAVIGATION SYSTEMS

Extra X-band radar or S-band radar, satellite data system

EXTERNAL COMMUNICATION

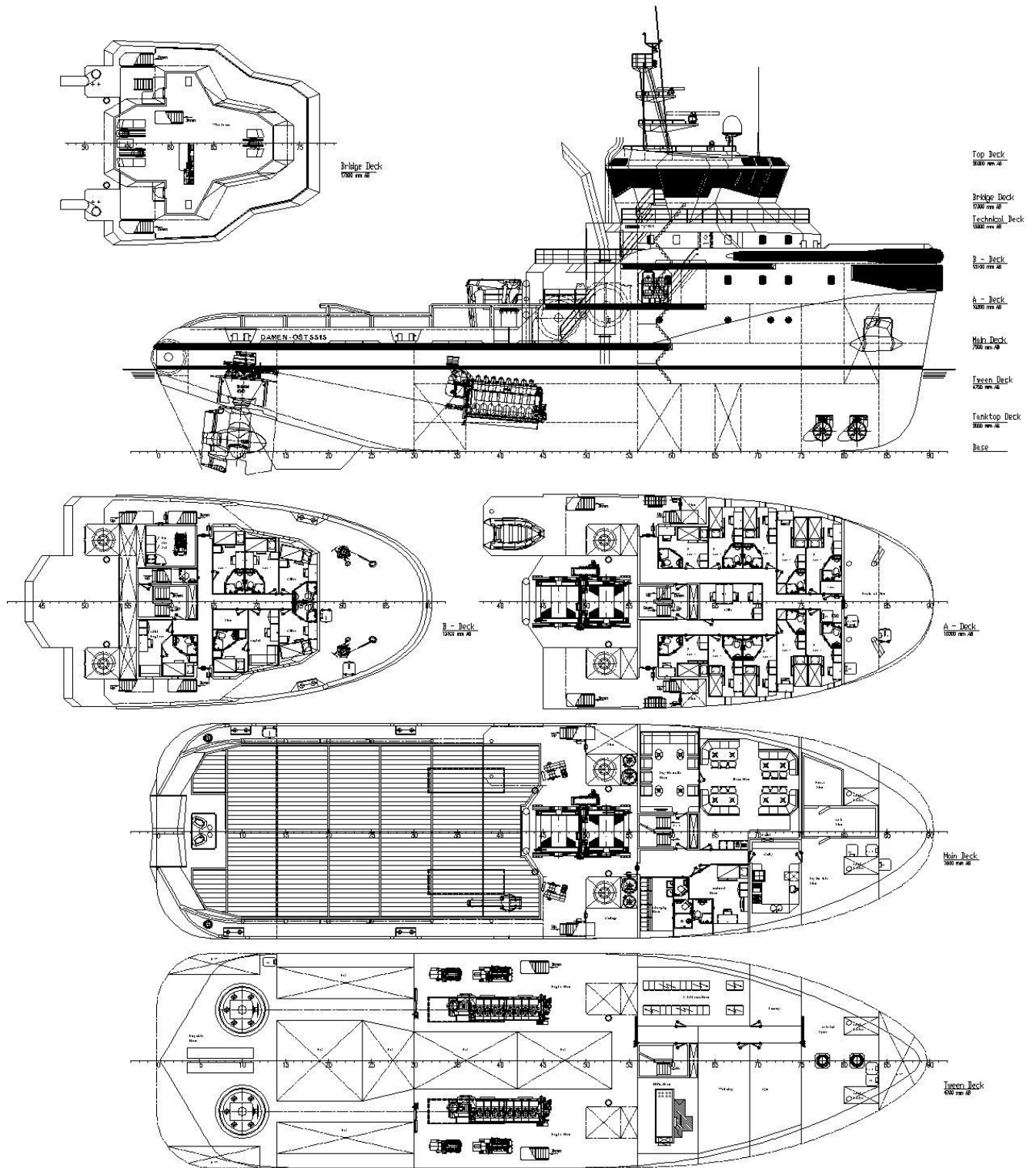
Infotainment/office automation option packages

INFOTAINMENT

FRC with davit

WORKBOAT

All data presented is preliminary and is subject to change without prior notice. Artist impression and general arrangement plan may show optional equipment. Options may impact performances.



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DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com