



# DAMEN OFFSHORE TRACTOR TUG 4914

## GENERAL

### FUNCTIONS

Multirole tug for terminal-, SBM- and FPSO support operations  
Bureau Veritas or equivalent  
I ✕Hull ✕Mach, Tug, Fire Fighting Ship  
1-waterspraying, Special Service-  
Standby rescue (100 survivors), Anchor  
Handling Vessel, SP(20), ✕AUT-UMS,  
✕ Dynapos AM/AT-R, Cleanship,  
Inwatersurvey

### CLASSIFICATION

## DIMENSIONS

LENGTH O.A.	50.56 m
BEAM MLD.	14.50 m
DEPTH AT SIDES	7.25 m
DRAUGHT DESIGN	7.50 m
DEADWEIGHT	675 ton
DECK LOAD (1 M ABOVE DECK)	250 ton
WORK DECK AREA	210 m <sup>2</sup>

## TANK CAPACITIES

FUEL OIL	599 m <sup>3</sup>
FRESH WATER	145 m <sup>3</sup>
BALLAST WATER	215 m <sup>3</sup>
SEWAGE	30 m <sup>3</sup>
DIRTY OIL	7 m <sup>3</sup>
BILGEWATER	26 m <sup>3</sup>
FOAM	25 m <sup>3</sup>
DISPERSANT	25 m <sup>3</sup>

## PERFORMANCES (APPROX.)

SPEED (AT DESIGN DRAUGHT)	12.2 kn
BOLLARD PULL, MIN	100 ton

## PROPULSION SYSTEM

MAIN ENGINES	2x ABC 16 DZC 900-166
TOTAL PROPULSION POWER	6368 bkW
AZIMUTH THRUSTERS	2x CPP in nozzle
PROPELLER DIAMETER	3400 mm
BOW THRUSTER	2x Electric, 275 kW, FP

## AUXILIARY EQUIPMENT

### NETWORKS

GENERATOR SETS  
EMERGENCY GENERATOR  
COOLING SYSTEM

230/400 V, 50 Hz  
4x Volvo D13, 310 kVA  
1x Volvo D9, 210 kVA,  
Fresh water through box cooling

## DECK LAY-OUT

### ANCHOR WINCH

2x Electric with cable lifter and warping head.

### CAPSTANS

### TUGGER WINCH

2x Electric, each 5 t pull

### DECK CRANE

2x Electric, 10 t pull  
1x Electric-hydraulic, 140 tm.

### AHT WINCH

1x Electric, waterfall type, 1x 1000 m rope and 1x 1000 m wire, 250t brake force 1e layer, 100t pull at 6 m/min 300t

### TOWING PINS / CHAIN FORK

### STERN ROLLER

2.5m diameter, 5m length

### RESCUE/WORKBOAT

FRC with davit

### FIFI-1

2x Main engine drives pumps and 2 remote controlled monitors

## ACCOMMODATION

For the crew a spacious air-conditioned accommodation with 9 cabins is fitted, of which 5 are executed as double cabin. The accommodation includes a large wheelhouse, ship's office, gym, treatment room and various stores.

For passengers 10 double cabins are fitted and for 100 survivors seats are provided.

## NAUTICAL AND COMMUNICATION EQUIPMENT

### EXTERNAL COMMUNICATION

GMDSS A3, AIS

### INTERNAL COMMUNICATION

Intercom.

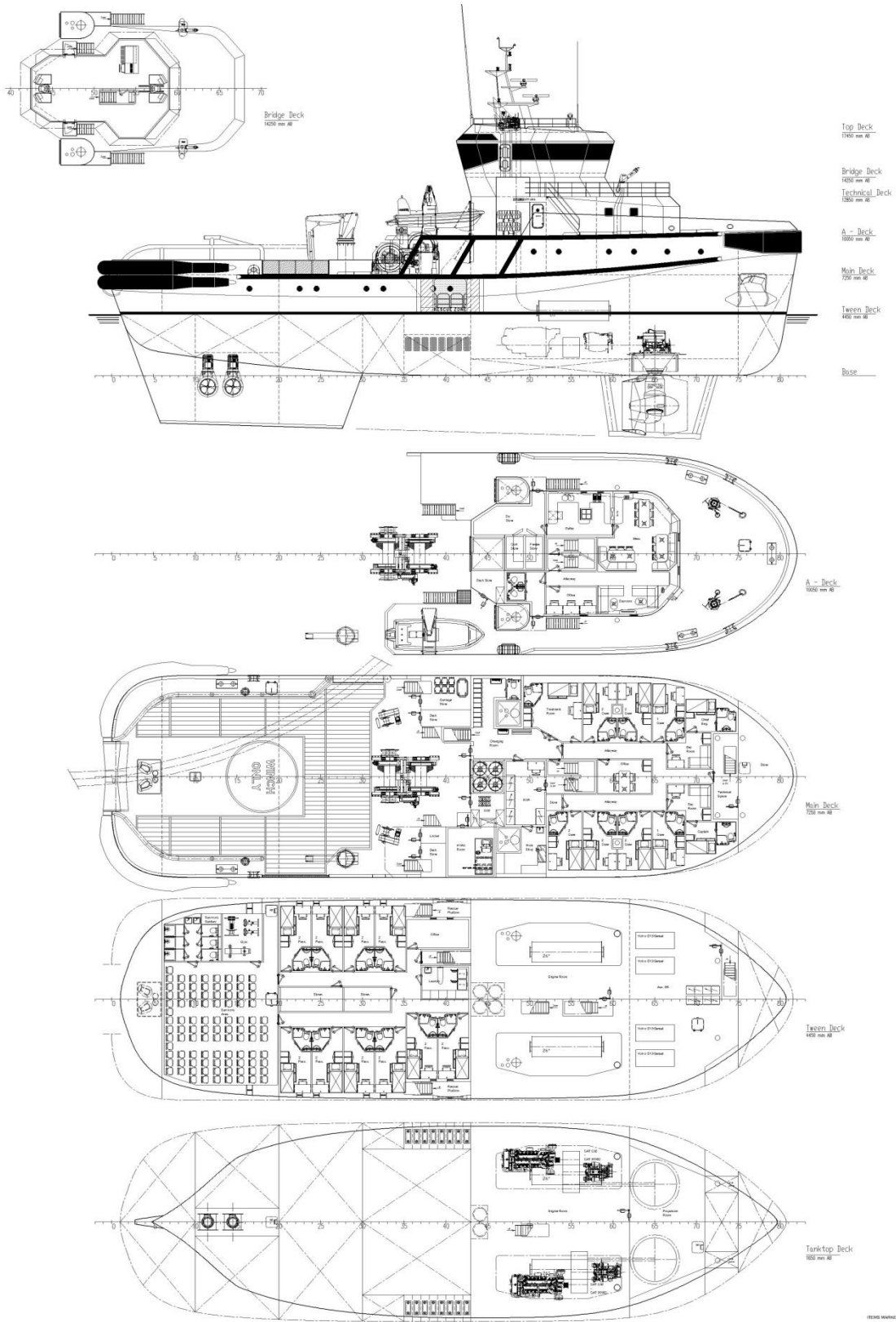
### NAUTICAL SYSTEMS

X- band radar, ECDIS, DGPS, gyro, echosounder

### POSITIONING

DP-2

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

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