



DAMEN RSD[®] TUG 2513

"YN 515001-02-03"

GENERAL

YARD NUMBER
BASIC FUNCTIONS
CLASSIFICATION

515001-02-03
Towing, mooring and \varnothing fire-fighting
Bureau Veritas
I * Hull • Mach Tug Restricted Navigation AUT
UMS
 \varnothing Bureau Veritas
I * Hull • Mach Tug Restricted Navigation AUT
UMS Fire Fighting Ship 1 Water Spray
 \varnothing Lloyd's Register
*100 A1 Escort Tug Fire Fighting Ship 1
(2400 m³) [*] LMC UMS
Epoxy paint system

PAINTING

DIMENSIONS

LENGTH O.A. 24.75 m
BEAM O.A. 13.13 m
DEPTH AT SIDES 4.90 m
DRAUGHT AFT 5.90 m
DISPLACEMENT 525 ton
(98% CONSUMABLES)

TANK CAPACITIES

FUEL OIL 74.6 m³
FRESH WATER 8.4 m³
 \varnothing FOAM 7.0 m³
BILGE WATER 3.7 m³
SEWAGE 3.7 m³
DIRTY OIL 2.7 m³
LUBRICATION OIL 4.1 m³
 \varnothing DISPERSANT 2.8 m³

PERFORMANCES

BOLLARD PULL AHEAD 70.0 ton (m)
BOLLARD PULL ASTERN 65.0 ton (m)
SPEED 11.7 knots

PROPULSION SYSTEM

MAIN ENGINES 2x MTU 16V 4000 M63L
TOTAL POWER 4480 bkW (6008 bhp) at 1800 rpm
THRUSTERS Rolls Royce US 255
PROPELLER DIAMETER 2800 mm
FORCED VENTILATION 45.000 m³/h

AUXILIARY EQUIPMENT

MAIN GENERATOR SET
 \varnothing SECOND GENERATOR SET
BILGE PUMPS
FUEL PUMPS
FUEL OIL PURIFIER
COOLING SYSTEM
 \varnothing SEWAGE TREATMENT
PLANT
 \varnothing OIL POLLUTION CONTROL
 \varnothing FIFI SYSTEM

Volvo D5A T MG, 78 kVA, 400/230 V, 50 Hz
Volvo D5A T MG, 78 kVA, 400/230 V, 50 Hz
Sterling / Azcue 20 m³ at 1.4 bar
Sterling / Azcue 3.4 m³ at 4 bar
Westfalia OTC 3-02-137
Closed cooling system
Hamann, Super Mini Plus

Dispersant pump set with 2 spray booms
Engine driven pump of 1200 m³/h + one manual
controlled monitor or engine driven pump of
2400 m³/h Fire-Fighting 1 and two electrically
controlled monitors of 1200 m³/h each

DECK LAY-OUT

ANCHOR
ANCHOR WINCH
 \varnothing AFT TOWING WINCH

\varnothing CRANE + WINCH
FENDERING

1x 360 kg Pool (High Holding Power)
Hydraulic 10 m/min
Hydraulically driven split drum 35 ton pull at
9.2 m/min, 175 ton brake
Heila HLM 10-3S + Heila MW-14 1100 kg
Cylinder + block bow fender, D-fender side/aft

ACCOMMODATION

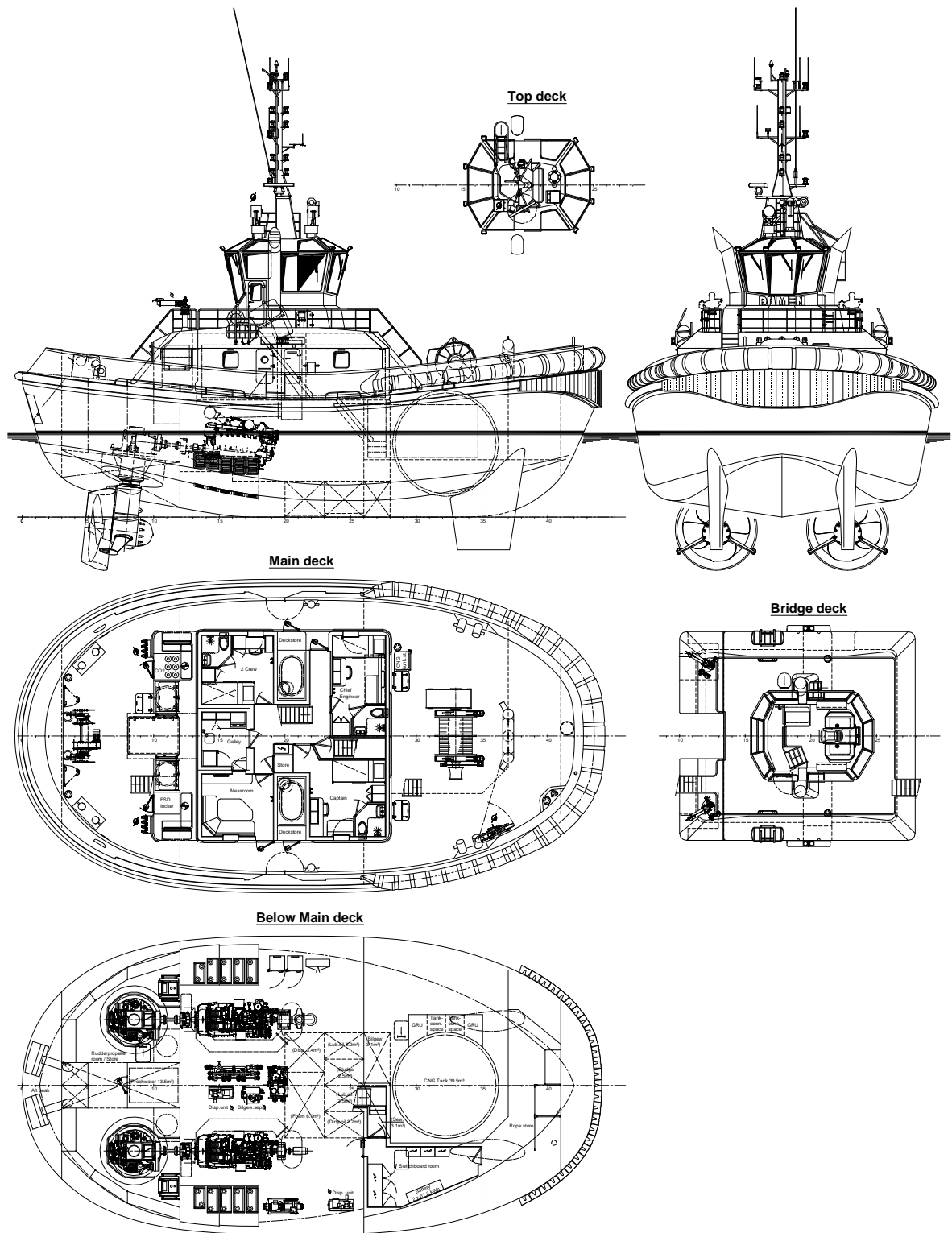
Accommodation up to 6 persons, completely insulated and finished with durable
modern linings, sound absorbing ceiling in the wheelhouse and floating floors.
Air-conditioned wheelhouse, accommodation and switchboard room.
Accommodation above main deck with a captain's cabin, chief engineer's cabin,
1 double crew cabin, pantry, mess/dayroom and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCHLIGHTS
 \varnothing SEARCHLIGHTS (FIFI 1)
RADAR SYSTEM
COMPASS
AUTOPILOT
GPS
ECHOSOUNDER
VHF
NAVTEX
AIS
 \varnothing INMARSAT
ANEMOMETER
EPIRB
SART

Pesch, 1000 W
2x Pesch, 450 W Xenon
Furuno FAR-2117
Magnetic Kotter type
Simrad AP-70
Furuno GP-170
Furuno GP-1670 or \varnothing Furuno FE-800
2x Sailor Compact 6222
Furuno NX-700
Furuno FA-150
Furuno Felcom 19
Windsonic OMC 115
Jotron, Tron-40S
Jotron, Tronsart 20

\varnothing = OPTIONAL EQUIPMENT



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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