



DAMEN MULTI CAT[®] 2712

Frøy Pioner "YN 571725"

GENERAL

YARD NUMBER	571725 (Damen Shipyards Hardinxveld)
DELIVERY DATE	15 th April 2016
BASIC FUNCTIONS	Anchor handling, dredger service, supply, towing, hose handling, survey and fish farm service.
CLASSIFICATION	Bureau Veritas 1 ✳ Hull • MACH Tug, Anchor handling vessel, Unrestricted navigation, • AUT-UMS
FLAG	Norway
OWNER	Frøy Vest Rederi AS

DIMENSIONS (APPROX.)

LENGTH O.A.	27.70	m
BEAM O.A.	12.45	m
LENGTH LOAD LINE	23.90	m
DEPTH AT SIDES	3.90	m
DRAUGHT (98%CONDITION)	± 2.85	m
DISPLACEMENT LIGHT SHIP	405	ton(m)
GROSS TONNAGE	296	GT

TANK CAPACITIES (APPROX.)

FUEL OIL	109.5	m ³
FRESH WATER	31.4	m ³
DIRTY OIL	1.5	m ³
SEWAGE	10.5	m ³
SLUDGE	1.3	m ³
HYDR OIL	2.2	m ³
LUB OIL	1.7	m ³
BILGE WATER	4.0	m ³
FW TANKS	51.8	m ³

PERFORMANCES (APPROX.)

BOLLARD PULL (AVERAGE)	34.0	ton(m)
SPEED	10.0	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Cat C32 TTA ACERT
TOTAL POWER	1790 bkW at 1800 rpm
GEARBOXES	2x Reintjes WAF 572L 7,091 : 1
PROPULSION	2x fixed pitch propellers in Optima nozzles, 1900 mm
BOWTHRUSTER	Kalkman Beta 250H, 250pk / 184kW Hydraulic driven

AUXILIARY EQUIPMENT

GENERATOR SETS	2x Cat. C 04.4, 107 kVA each
HYDRAULIC POWER	Cat C12 TA, 339 kW 1800rpm
FUEL OIL SEPERATOR	Facet MV-11-AG

DECK LAY-OUT

ANCHOR	2x 300 kg Pool TW (HHP)
ANCHOR WINCH	1x Hydraulically driven, Kraaijeveld
DECK CRANES	1x HS Marine AKC290/27 HE6 3T @ 27m 1x HS Marine AKC290/27 HE6 3T @ 27m extended 800kg @ 34m
ANCHOR HANDLING WINCH	1x single drum
CAPACITIES	100 ton@ 3m/min pulling force 1 st layer 150 ton brake holding force 1 st layer
TOWING WINCH	1x single drum
CAPACITIES	50 ton@ 10m/min pulling force 1 st layer 100 ton brake holding force 1 st layer
WIRE CAPACITY	2 x 1000 m, diameter 65mm, polypropylene wire
TOWING PINS FRONT	1x WK double pin type with chain stopper

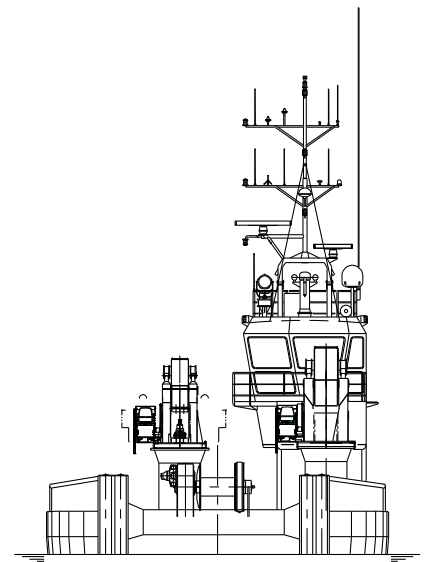
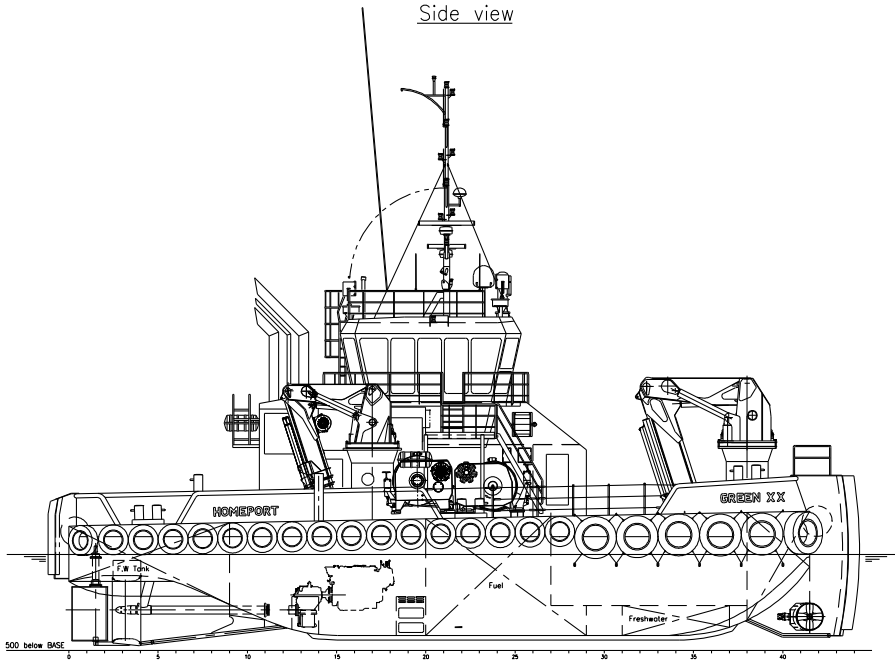
ACCOMMODATION

Comfortable heated and air-conditioned accommodation for 7 persons in 5 cabins, galley, sanitary facilities, etc. Two double cabins and three single cabins.

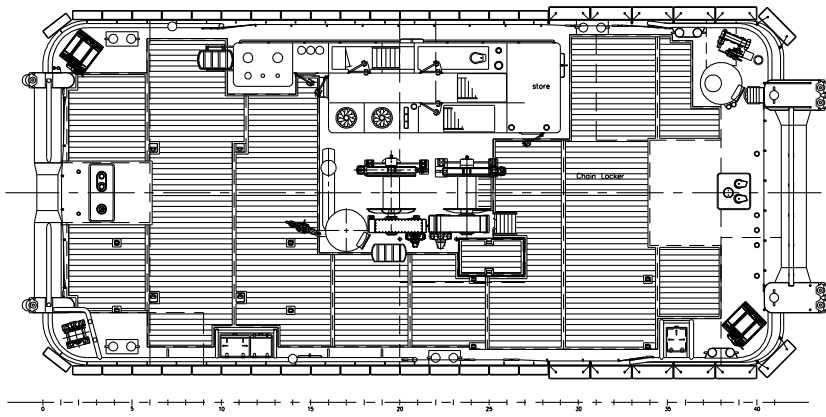
NAUTICAL AND COMMUNICATION EQUIPMENT GMDSS AREA 3

SEARCH LIGHTS	2x Pesch 2000 W
RADAR SYSTEM	1x Furuno, FAR 2117
COMPASS	1x Cassens & Plat, Reflecta 1
GYRO COMPASS	1x Anshuetz, Standard 22
AUTOPILOT	1x Simrad AP-70+
GPS	1x Furuno, GP-170
ECHOSOUNDER	1x Furuno, FE-800
SPEEDLOG	1x Furuno, DS-80
AIS	1x Furuno, FA-150
INTERCOM	Phonetech CIS3000
VHF	2x Sailor, RT6222, with DSC
HANDHELD VHF	2x Jotron, Tron TR-20
SSB	1x Thrane & Thrane, 6310
INMARSAT - C	2x Thrane & Thrane, Sailor 6110
NAVTEX	1x Furuno, NX-700A
WATCH ALARM	1x Furuno, BR-500
ENTERTAINMENT SYSTEM	1x Naval, MK32ALC
CHART PLOTTER	1x OLEX
CHART PLOTTER	1x Furuno TimeZero

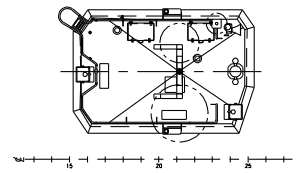
Side view



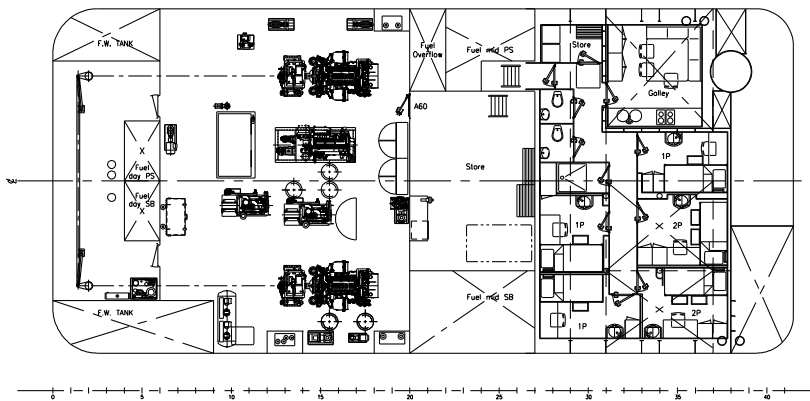
Main deck



Top deck



Below main deck



Wheelhouse deck

7550 above base

