GENERAL
YARD NUMBER
571627 (Damen Shipyards Hardinxveld)
DELIVERY DATE
Oktober 2011
BASIC FUNCTIONS
Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION
I / crossmaltese
REGULATIONS
Dutch Shipping Inspectorate
FLAG
The Netherlands
OWNER
Marine & Towage Group
DIMENSIONS
LENGTH O.A.
27.02 m
BEAM O.A.
9.10 m
DEPTH AT SIDES
3.60 m
DRAUGHT AFT (APPROX.)
2.63 m
DISPLACEMENT (50% COND.)
370 Ton
TANK CAPACITIES
FUEL OIL
122.0 m³
FRESH WATER
30.1 m³
LUBRICATION OIL
3.9 m³
HYDRAULIC OIL
1.6 m³
DIRTY OIL
4.3 m³
BILGE WATER
4.3 m³
SEWAGE
2.2 m³
PERFORMANCES (TRIALS)
BOLLARD PULL AHEAD (APPROX.)
40 ton
SPEED (APPROX.)
11.8 knots
PROPELLION SYSTEM
MAIN ENGINES
2x Caterpillar 3512B TA/A
2238 bkW (3000 bhp) at 1600 rpm
GEARBOXES
2x Reintjes WAF 664L / 5.95:1
PROPELLERS
2x Damen Marine Components “Optima”
200 bhp, hydraulically driven
AUXILIARY EQUIPMENT
MAIN GENERATOR SETS
2x Caterpillar C-4.4 TA
CAPACITY
2x 86.3 kVA, 50 Hz, 230/400V
FU EL OIL SEPARATOR
Alfa Laval MIB 303
DECK LAY-OUT
ANCHOR
2x 225 kg Pool (HHP)
ANCHOR CHAIN
17.5 mm stud-link, 192.5 m
DECK CRANE
Ridderinkhof, Waterfall execution
ANCHOR HANDLING/TOWING WINCH
CAPACITY TOWING PART
50 ton at 4.0 m/min pull, slack 0-23m/min
Holding power 85ton, wire cap. 700m 40mm
CAPACITY ANCH. H. PART
75 ton at 2.5 m/min pull, slack 0-14.5m/min
Holding power 100ton, wire cap. 400m 40mm
TOWING PINS
WK Hydraulics, triple pin type
TUGGERWINCH
Brevini, 8 ton (m) @ 9 m/min
ACCOMMODATION
Heated and air-conditioned living spaces for 7 persons, consisting of three single crew cabins and two double crew cabin, a galley/mess and sanitary facilities.
NAUTICAL AND COMMUNICATION EQUIPMENT
SEARCHLIGHTS
2x Pesch 1000W
MAGNETIC COMPASS
1x Cassens & Plath Reflecta 1
GYRO COMPASS
1x Anschütz Standard 22 Compact
RADAR SYSTEM
1x Furuno FAR-2117, 1x Kodan MDC2560
GPS
2x Furuno GP-150D
CHART SYSTEM
1x Transas ECS
AUTOPILOT
1x Radio Zeeland Seapilot 75
AIS
1x Furuno FA-700
ECHOSOUNDER
2x Sailor RT5022 with DSC 1x Sailor RT 5022
SPEEDLOG
1x Furuno, Type DS-80
WATCH ALARM
1x Marble 421
HANDHELD VHF
2x Jotron TR20
AIS
1x Furuno, Type FS-1570
EPIRB
1x Furuno NX 700
NAVTEX
1x Thane & Thane, Type TT-3000E
MINI-C SYSTEM GMDSS
1xThane & Thane Fleet Bandwidth 150
EPIRB
1x Thane & Thane Fleet Broadband 150
INTERCOM
1x Jotron, Type Tron-405
SATELLITE TELEPHONE
1x Sigma 700
SAT TV
1x Sagem, Type Telstar
CCTV
1x Thane & Thane Fleet Broadband 150
METEO
1x Obsermet OMC 115