GENERAL
Delivery date : June 2020
Type : Damen Shoalbuster 3514SD DP2
Basic functions : Towing, anchor handling, dredge
support, offshore wind support, oil & gas support
Classification : Bureau Veritas I 3/3 (E) * Dynaposs AM/
AT-R Offshore support, Hull * MACH, Auth
UKS, Cleanship, Green passport
Nat. Authorities : Dutch flag, Unrestricted navigation
Call sign : t.b.a
I.M.O. No. : t.b.a
MMSI No. : t.b.a

DIMENSIONS
Length : 35.55 m
Width : 14.37 m
Depth at sides : 3.60 m
Min Draught : 2.40 m
GT / NT : 499 GT / t.b.a NT

TANK CAPACITIES
Fuel oil : 290.00 m³
Fresh water : 48.00 m³
Sewage : 26.00 m³
Gray water : 20.00 m³
Dirty oil : 4.80 m³
Lub. oil : 5.80 m³
Hydraulic oil : 1.50 m³
Bilge water : 5.00 m³
Urea (IMO Tier III) : 10.0 m³

PERFORMANCES
Bollard pull : 60.0 ton (m)
Speed : 13.0 knots

PROPELLUSION SYSTEM
Main engines : 4 x Cat C32 TTA SCAC (IMO Tier III Hybrid)
Total power : 3876 bhp (5280 bhp) at 1800 rpm
Gearboxes : 4 x Reindtjes WAF 765/7.091:1 Hybrid
Propulsion : 4 x Promarin fixed pitch propellers
Diameter : 4 x 1900 mm in v.d. Glesser Optima nozzles
Bowthruster : 2 x 184 kW/ 250 HP
Stern thruster : 1 x 184 kW/ 250 HP
Rudders : 4x fshall rudders, 60 degrees each side
all rudders are independent controllable

Propulsion system is fully diesel electric-hybrid for fuel efficiency
ACCOMODATION
Heated and air-conditioned living spaces for 21 persons
3x Single cabin
9x double cabin (1x hospital)
1x Client office

AUXILIARY EQUIPMENT
Generator sets: 2x C7.1, 147.5 kVA/118 ekW
Fuel separator: 2x Westfalia OTC2 1200 l/min each
Transfer pumps: Water and fuel: SHI1 50 m³/hr at
Compressors: 1x Alup SCK 9-8 1200 l/min @ 8
Hydraulic set: Electrical driven with two
Fresh water maker: 3,8 m³/24 hrs
Sewage plant: 3 m³/24 hrs

DECK LAYOUT
Anchors: 2 x 550 kg Pool
Chain: 247.5 m shank link 24mm
Deck crane: HS Marine AKC 220 LHE 5,5 T @ 20 m
Anchoring winch: 100 Ton pull - 160 Ton Holding
Aft winch: 60 Ton pull - 160 Ton Holding
Tuggerwinch: 2x Dremac 12 Ton
Hydraulic pins: 1 set of anchoring pins +
Maximum deckload: 10 ton/m²
Free deck space: 200 m²
A-frame: option for a 40T hydraulic A-frame
Containers: 4x 20” + 3x 10” in one time
4-point mooring: 2 winches forward/ 2 winches aft
Moon Pool: 800 x 600mm integrated in
Container capacity: 4x 20” and 3x20”

NAUTICAL AND COMMUNICATION EQUIPMENT
According GMDSS: Area A3
Searchlights: 3 x 250 W LED Den Haan
Compass: 1 x Cassens & Platt, Reflecta 1
Radarsystem: 2x Furuno FAR-1518BB
DPS: 2x Kongsberg DPS 110 & 112
ECDIS: 2x Furuno FMG3000
V-Sat: 1x Intellian VGI30G
TV Satellite: 1x Intellian TS100W
Gyro compass: 3 x Anschütz compact 22
Autopilot: 1x Simrad AP-70
Echosounder: 1x Furuno FE 600
Dynamic positioning: Kongsberg DP2 system
Motion reference unit: 2x Kongsberg MRU-2
Laser reference: 2x Kongsberg SpotTrack
Navytec: 1x Furuno NX-700
AIS: 1x Furuno FA 170
SSB: 1x Furuno FS-1570, 150 W,
Inmarsat C: 2x Thrane & Thrane sailor 6110
VHF Radio: 3x Sailor RT6222

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