MV “VESTLAND CYGNUS”

SHIP DESIGN: VS 485 MK III
CLASSIFICATION: DNV GL / No: 33567
BUILDER: FJELLSTRAND AS, no 1689
PORT OF REGISTRY: NASSAU
FLAG: BAHAMAS
OFFICIAL NUMBER: 7000789
MMSI: 311000386
IMO NUMBER: 9714214
DELIVERY: Q1 – 2015
CALL SIGN: C 6 B W 7

OWNER: NORSIDE WIND AS
MANAGER: VESTLAND MANAGEMENT AS

MAIN DIMENSIONS:
- Length O.A: 85.60 M
- Length P,P: 77.70 M
- Breadth: 22.40 M
- Max Draft: 6.30 M
- Gross Tonnage: 6233 T
- Net Tonnage: 1870 T

CLASS NOTATIONS BV:
- I "HULL" MACH, Supply vessel SP,
- Unrestricted navigation COMF-NOISE 3,
- COMF-VIB 3, CPS(WBT), *AUT-UMS,
- *SYS-NEQ-OSV, CLEANSHIP, SDS
- CLEANSHIP SUPER, ICE, *DYNAPOS AM/AT R,
OUTLINE SPECIFICATION

MACHINERY AND PROPULSANT PLANTS
Main Engines/Generators: 4 x Wartsila 9L20 1665kw
Emergency Generator: Volvo Penta 175 kW
Main Propulsion, fixed pitch: 2 x Steerprop propellers 2300 kW
FWD Azimuth: 1 x Brunvoll 880 kW
FWD Tunnel Thrusters: 2 x Brunvoll 1000 kW

SPEED AND FUEL CONSUMPTION
Full speed: 14.0 knots 20.2 mt/24hrs
Service speed: 11.5 knots 10.0 mt/24 hrs
Economic speed: 10.0 knots 7.3 mt/24 hrs
DP operation: 5.3 mt/24 hrs at position keeping 1.6m Hs
St-by at field: 2.9 mt/24 hrs at one engine
Harbor mode: 2.0 mt/24 hrs

CREW TRANSFER EQUIPMENT
W2W system: Uptime Active Motion Compensated Gangway 23.4m / 2.5Hs
Reaching over sea level 16 – 26 m

CARGO HANDLING EQUIPMENT
1 x Palling PK4002M SWL 720 kg / 20.5 meters
2 x Norwegian Deck Mach AS, 10 t capstans aft
2 x Norwegian Deck Mach AS, cargo securing winches

CARGO CAPACITIES
Deck Cargo: 650 Tons
Deck Area: 450 m²
Deck Strength: 10 Tons/m²
Fuel Oil: 897.4 m³
Liquid Mud (SG 2.8): 694.8 m³, Agitators in all tanks
Brine (SG 2.5): 363.2 m³,
Base Oil: 197.2 m³,
Pot Water: 993.3 m³,
Drill Water/Ballast: 2785.4 m³,
Glycol: 292.5 m³,
Slop: 182.9 m³ (through Liquid Mud manifold)
Cement/Barite/Bentonite: 330 m³

ENVIRONMENT AND CARGO CONTROL PLANTS
Incinerator: Ulmatec Pyro
Burning Sludge: Yes
Cement plant: Van Aalst
All pumps: Ing. Per Gjerdrum
Electrical Boiler: Parat Halvorsen AS
Equipment on deck: Norwegian Deck Mach AS
Tank Cleaning: Per Gjerdrum AS
Special Cargo Tanks: Stainless Steel Tanks for Glycol
Cargo Manifolds: AFT SB

NAVIGATION
Bridge Consoles: Steinsvik Aft, Fwd and both Wings
Operation Control Office: Located on Bridge
Autopilot: Simrad AP 70
DP System: Kongsberg K Pos DP 2
Joystick System: Kongsberg C-Joy Constant
DP Motion System 1: Sea Tex MRU 2
DP Motion System 1: Sea Tex MRU 5
Cycsan: Kongsberg Lazer Mk 4,2
HIPAP: HipAP 502 Kongsberg
DGPS: 2 x Furuno GP 150
Wind Sensor: 2 x Kongsberg Maritime
Radar 1: 1 x 10 cm/ S band, IMO ARPA
Radar 2: 1 x 3 cm/ X band w/mini ARPA
Echo Sounder: Furuno FE 700
Gyro: 3 x Simrad GC 80
Speed Repeater: Skipper IR 300
VDR: Furuno VR 3000
GPS: 2 x Furuno GP 150
Bridge Watch: VICO system NAUT/OSV
ECDIS: Furuno Tedcis T - 2137
Speed log: Skipper EML 224

COMMUNICATION
Navtex: Furuno FS-2570 C
Radar Transponder: 2 x Jotron Tron SART20
DSC Terminal: Furuno FS-2570 C
AIS: Furuno FA 150
EPIRB manual: Jotron Tron 60S
EPIRB Free Float: Jotron Tron 60S
Radio Station: SSB, MF, HF, Furuno FS-1575
VHF Portable: 3 x Jotron Tron TR 20 GMDSS
VHF Station: Furuno FM-8900 S
UHF Portable: 7 x Motorola GP 840
Inmarsat C: Furuno Felcom 18
Intercom: Zenitel ACM 144 66/VO
Sound System: Viking VSS 111
Emergency: Viking VSP 211 L
PA System: Zenitel VPA 120, 240 and 400

AS BUILT ACCOMMODATION
Outfitted for 22 persons in spacious and comfortable facilities
Single Cabins: 12 with bathrooms
Double Cabins: 5 with bathrooms
Hospital: 1 Highest standard
Office: 1 with furniture
Gymnasium: 2 fully outfitted
Entertainment: In Day Rooms and all Cabins

EXTENDED ACCOMMODATION
Outfitted for 104 persons in spacious and comfortable facilities
Double Cabins: 52 with bathrooms
Day Room: 2 comfortable outfitted
Cinema: 1 Hall
Offices: 4 offices with 15 working stations

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