

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**
Co/ VESTLAND MANAGEMENT AS
N-5384 TORANGSVÅG

MANAGER: **VESTLAND MANAGEMENT AS**
N-5384 TORANGSVÅG

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 DNVGL

✳ 1A1, SPS , Clean(Design) , COAT- PSPC(B)
COMF (C-3, V-3) , Crane(N) , DK(+)
DYNPOS (AUTR) , E0 , HL(2.8) , Ice(C)
NAUT (OSV(A)) , SF
ERN 99.99.99.99



OUTLINE SPECIFICATION

MACHINERY AND PROPELLER 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

CREW TRANSFER EQUIPMENT

1 x Uptime Active Motion Compensated Gangway 23.4m / 2.5Hs

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
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
Cyscan: 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
Oil Radar: According to NOFO Standard 2009.
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 Tecdis T - 2137
Speed log: Skipper EML 224

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

CARGO HANDLING EQUIPMENT

1 x Palfinger DK1600C SWL 100 tons/37 meters
1 x Palfinger 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

1 x Framo Automatic Anti Heeling System Vertical Pump RBP300-3 / 1230m³/h/55kW
Reefer points on board available :
4x 220V x 16A
6 x 220V x 16A
2 x 440V x 16A

LIFE SAVING EQUIPMENT

Ship Certificate: 126 persons
Life Rafts: Capacity for 40 persons, each side
Lifeboats: Harding 2 x 68 persons
Lifeboat Davit: 2 x Harding SOLAS approved
MOB: Norsafe Rescue/MOB boat (28 ft) for 10 persons

MOB Davit: Red Rock for FRB SOLAS approved
Survival Suits: 134 immersion suits
4 x Full dry insulated for FRB
Survival suits according to rules

COMMUNICATION

Navtex: Furuno NX-700 B
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: Vingtor VSS 111
Emergency: Vingtor VSP 211 L
PA System: Zenitel VPA 120, 240 and 400

Satelitt Communication: MARLINK - SEATEL VSAT 6012
VSAT Phone: 0047 23677230 / 0047 23677237
Vessel E-mail: captain.cygnus@vestlandoffshore.no
bridge.cygnus@vestlandoffshore.no

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