

## **BRITISH NIMBUS: 39,999dwt** product/chemical tanker

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m RITISH}$  NIMBUS is the second in a series of five product/chemical tankers for owner ICBC Leasing and operator BP that was delivered in December 2016 from Hyundai Mipo Dockyard (HMD). The vessel was designed by HMD and registered under the Isle of Man flag with LR class. Unlike the first vessel in series, British Nimbus and the third vessel in series have scrubber systems fitted.

The vessel is an ocean going product/chemical tanker for worldwide service with bulbous bow, transom stern, flush deck with forecastle, open water type stern frame, single semi-balanced rudder and single screw propeller driven by a slow speed diesel engine.

There are six pairs of cargo oil tanks, a pair of slop tanks with one residual oil tank and six pairs of water ballast tanks. There is also a fore peak tank with two access trunks from the upper deck and an aft peak tank.

Four heavy fuel oil storage tanks are arranged between the cargo space and engine room and in the engine room with a double hull structure. Two of those are used for marine gas oil storage.

Technical fresh water tanks are arranged between the side shell and heavy fuel oil storage tanks. The strengthened hull, shaft and propeller are designed according to ice class 1B.

An IMO-approved type ballast water treatment system based on electro chlorination is installed. One exhaust gas scrubber system is installed for SOx reduction.

## **TECHNICAL PARTICULARS**

Length oa:Abt, 1	83m
Length bp:1	74m
Breadth moulded:	2.2m

Depth moulded
To main (upper) deck:
Side: 2m Bottom: 2.15m
Draught moulded Scantling:
Design: 11.0m Deadweight
Design: abt.39,600mi Scantling: abt.40,000mi Speed, service (75% of MCR
output without S.M):15knots
Liquid volume:
Heavy oil: 1,570m <sup>2</sup> Diesel oil: 230m <sup>2</sup>
Water ballast:
Daily fuel consumption  Main engine only: 30.3tonnes/day
Auxiliaries:
+100A1, Double Hull Oil and Chemica Tankers, ESP, Ship Type 3, CSR, Ice Class
1B FS, +LMC, UMS, ShipRight(ACC(B),FDA Plus(40,WW),CM),*IWS,LI,DSPM4
ECO(BWT,EEDI-1,IHM,P),IGS,CCS with descriptive notes COW(LR),ETA,Part Higher
Tensile Steel ShipRight(MCM MPMS,SCM,SERS
Main engine(s) Design: Hyundai Heavy Industries – B&W Model:
Manufacturer: Hyundai Heavy Industries Number: 1
Type of fuel: HFO, MDC Output of each engine:
Propeller(s)  Material:Nickel Aluminum Bronze
Designer/Manufacturer:Hyunda Heavy Industries
Number: 1 Fixed/Controllable pitch: Fixed
Diameter: 6.8m Speed: 93.4rpm at MCF
Special adaptations:

HFC7 568-08P
Output/speed of each set: 1150kVA / 900rpm Exhaust-gas scrubbing equipment
(SOx scrubber)
Manufacturer:
Both on main engine and auxiliary engine
Boilers Number:1
Type:Composite
Make: Alfa Laval Output, each boiler:2,000 / 1,017kg/hr (oil
fired / exhaust gas)
Cargo cranes/cargo gear Number:1
Make:Tech Flower
Type: Electro-hydraulic Cylinder Luffing, Single jib
Performance:10tonnes x 25m
Other cranes Number:
Make:Dongnam Marine Crane
Type: Electro-hydraulic Tasks: Provision handling
Performance:4tonnes x 11.4m
Mooring equipment Number:6
Make:Rolls-Royce
Type (electric/hydraulic/steam): Hydraulic
High Pressure Special lifesaving equipment
(eg MES, free-fall lifeboats)
Number of each and capacity: One and 38 persons
Make:Fassmer-Marland
Type: Free-fall Cargo tanks
Number: $12 + 2$ (Slop tanks)
Grades of cargo carried:6 grade Product range:Product/chemical
ship type 3
Coated tanks – make and type of coating:THA702/703 and
high performance pure epoxy, semi-gloss
Cargo pumps
Number:
Make: Framo
Stainless steel:
200m <sup>3</sup> /h x 2 Cargo control system
Make:Framo
Type:remotely controlled Ballast control system
Make: De Nora
Type:remotely controlled Water Ballast Treatment System
Make:De Nora
Make:
Complement Officers:
Crew:
Suez/Repair Crew:
Bridge control system
Make:Hyundai Heavy Industries Type:Normal
Is bridge fitted for one-man operation?No
Fire detection system  Make:
Type:Addressable
Fire extinguishing systems Cargo deck:Foam
Make/Type:NK
Engine room:CO, Make/Type:NK
Cabins: Sea water Public spaces: Sea water
Radars Sea water
Number: 2 Make: Kongsberg
Integrated bridge system?Yes
Make:
Incinerator
Make:Hyundai Marine Machinery Model:MAXI NG150SL WS
Sewage plant
Make: Evac Model:Evac MBR 16C
Contract date: 12 December 2013
Contract date:

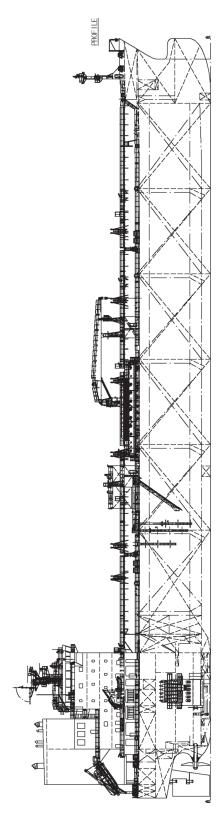
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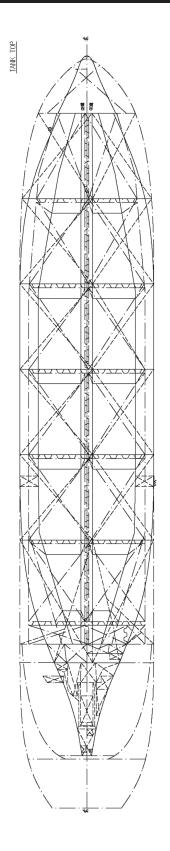
Engine make/type: .... HHI, HIMSEN 6H21/32

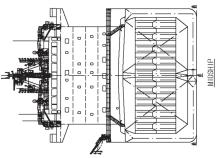
Type of fuel: ...... HFO, MDO Output/speed of each set: 1,250kW / 900rpm

Type of fuel:

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