



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

Shipbuilder: **Hyundai Mipo Dockyard Co. Ltd**  
Vessel's name: **British Nimbus**  
Hull No: **2495**  
Owner/Operator: **ICBC LEASING / BP**  
Country: **China / England**  
Designer: **Hyundai Mipo Dockyard Co., Ltd**  
Country: **Korea**  
Model test establishment used: **SSPA**  
Flag: **Isle of Man**  
IMO number: **9724544**  
Total number of sister ships already completed (excluding ship presented): **1**  
Total number of sister ships still on order: **3**

**BRITISH 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, 183m  
Length bp: 174m  
Breadth moulded: 32.2m

Depth moulded  
To main (upper) deck: 17.1m  
Width of double skin  
Side: 2m  
Bottom: 2.15m  
Draught moulded  
Scantling: 11.15m  
Design: 11.0m  
Deadweight  
Design: abt.39,600mt  
Scantling: abt.40,000mt  
Speed, service (75% of MCR output without S.M): 15knots  
Cargo capacity  
Liquid volume: 46,500m<sup>3</sup>  
Bunkers  
Heavy oil: 1,570m<sup>3</sup>  
Diesel oil: 230m<sup>3</sup>  
Water ballast: 22,300m<sup>3</sup>  
Tankers - percentage segregated ballast: 91%  
Daily fuel consumption  
Main engine only: 30.3tonnes/day  
Auxiliaries: 4.3tonnes/day  
Classification society and notations: LR +100A1, Double Hull Oil and Chemical 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: 6G50ME-B9.3 (Tier II)  
Manufacturer: Hyundai Heavy Industries  
Number: 1  
Type of fuel: HFO, MDO  
Output of each engine: 8,580kW  
Propeller(s)  
Material: Nickel Aluminum Bronze  
Designer/Manufacturer: Hyundai Heavy Industries  
Number: 1  
Fixed/Controllable pitch: Fixed  
Diameter: 6.8m  
Speed: 93.4rpm at MCR  
Special adaptations: N/A  
Diesel-driven alternators  
Number: 3  
Engine make/type: HHI, HIMSEN 6H21/32  
Type of fuel: HFO, MDO  
Output/speed of each set: 1,250kW / 900rpm

Alternator make/type: HHI-EES, HFC7 568-08P  
Output/speed of each set: 1150kVA / 900rpm  
Exhaust-gas scrubbing equipment (SOx scrubber)  
Manufacturer: Clean Marine  
Type: Hybrid  
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: 1  
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: 14  
Type: Submerged, Centrifugal  
Make: Framo  
Stainless steel:  
Capacity (each): 500m<sup>3</sup>/h x 10,300m<sup>3</sup>/h, 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  
Capacity: 750m<sup>3</sup>/h x 2set, 280m<sup>3</sup>/h  
Complement  
Officers: 16  
Crew: 16  
Suez/Repair Crew: 6  
Single/double/other rooms: 25 / 7 / 5  
Bridge control system  
Make: Hyundai Heavy Industries  
Type: Normal  
Is bridge fitted for one-man operation? No  
Fire detection system  
Make: Consilium  
Type: Addressable  
Fire extinguishing systems  
Cargo deck: Foam  
Make/Type: NK  
Engine room: CO<sub>2</sub>  
Make/Type: NK  
Cabins: Sea water  
Public spaces: Sea water  
Radars  
Number: 2  
Make: Kongsberg  
Integrated bridge system? Yes  
Make: Kongsberg  
Waste disposal plant  
Incinerator  
Make: Hyundai Marine Machinery  
Model: MAXI NG150SL WS  
Sewage plant  
Make: Evac  
Model: Evac MBR 16C  
Contract date: 12 December 2013  
Launch/float-out date: 23 September 2016  
Delivery date: 29 December 2016

