



*Please note the vessel pictured is a sister ship

BRITISH RESPECT: 110,000dwt crude/ dirty product oil tanker

Shipbuilder: **STX Offshore & Shipbuilding Co. Ltd.**
Vessel's name: **BRITISH RESPECT**
Hull No: **S1611**
Owner/Operator: **BP Shipping Limited**
Country: **United Kingdom**
Designer: **STX Offshore & Shipbuilding Co. Ltd.**
Country: **Republic of Korea**
Model test establishment used: **SSPA**
Flag: **Isle of Man**
IMO number: **9683001**
Total number of sister ships already completed (excluding ship presented): **8**

STX Offshore & Shipbuilding constructed the 110,000dwt crude/dirty product oil tanker *British Respect* at Jinhae Shipyard. The vessel is 249.85m in length, 44m wide and 21.30m high. Its service speed at design draught is 14.5knots at 75% MCR power of the main engine without sea margin, and the maximum deadweight is 109,584 metric tonnes on the summer draught of 15m.

The cargo area has three longitudinal bulkheads with double bottom and double hull, and consists of six pairs of cargo oil tanks, one pair of slop tanks, and seven pairs of segregated water ballast tanks. The aft body with transom stern is used for the steering gear compartment, distilled water tanks and aft peak tank.

A mewis duct has been installed on the ship with an expected power saving of about 3% compared with vessels of a similar size without a mewis duct.

The propulsion machinery consists of one two-stroke STX MAN 6G60ME-C9.2 engine, and the electric generating plant consists of three sets of main diesel generator engines and one emergency diesel generator engine.

TECHNICAL PARTICULARS

Length oa: Approx 249.85m
Length bp: 239m
Breathth moulded: 44m
Depth moulded
To main deck: 21.3m
To upper deck: 21.3m
Width of double skin
Side: 2.25m
Bottom: 2.39m
Draught
Scantling: 15.5m
Design: 15m (Summer Load draught)
Gross: 64,309gt
Deadweight
Design: 109,584.3tonnes
Speed, service (75%MCR output): 14.5knots
Cargo capacity
Liquid volume: 124,952.4m³

Bunkers
Heavy fuel oil: 2544.4m³
Marine gas Oil: 631.4m³
Water ballast: 43,972m³
Tankers - percentage segregated
ballast: 100%
Daily fuel consumption
Main engine only: 44.08tonnes/day
Classification society and notations: Lloyd's Register of Shipping (LR)+100
A1 Double Hull Tanker, CSR, SG 1.054
(1,2,3,4,5,6), ESP, ShipRight(ACS(B,C), FDA
Plus (40, WW), CM), *IWS, LI, DSPM4, ECO
(BWT, EEDI, IHM, VECS, P), +LMC, IGS, UMS,
CCS, NAV1, IBS, CAC3, with the descriptive
notes "COW(LR), ETA, Part Higher
Tensile Steel, ShipRight(BWMP(T),
MCM, MPMS, SCM, SERS)"
% high-tensile steel used in construction: ... 54%
Main engine(s)
Design: MAN Diesel & Turbo
Model: STX-MAN B&W 6G60ME-C9.2
Manufacturer: STX HI Co. Ltd.
Number: One
Type of fuel: HFO, MGO
Output of each engine: 11,890kW,
78rpm (MCR)
Propeller(s)
Material: Ni-Al-Br (CU3)
Designer/Manufacturer: ... Silla Metal Co. Ltd
Fixed/Controllable pitch: Fixed
Diameter: 8.4m
Speed: 78rpm
Diesel-driven alternators
Engine make/type: 3 x STX / 6L21/31
Type of fuel: HFO & MGO
Output/speed each set: 1,320kW @ 900rpm
Alternator make/type: Hyundai Heavy
Industries Co. Ltd / HFJ7 568-8P
Output/speed each set: 1,254kW @ 900rpm
Boilers
Type: 2 x Auxiliary boiler, oil-fired
Make: Alfa Laval Aalborg
Output, each boiler: 25,000kg/h
Cargo cranes/cargo gear
Number / Make: 1 x DMC
Type: Electro-Hydraulic Cylinder Luffing,
Single Jib Type
Performance: 15MT SWL
Other cranes
Number / Make: 2 x DMC
Type: Electro-Hydraulic Cylinder Luffing,
Single Jib Type
Tasks: Provision handling crane
Performance: 6.3MT SWL
Mooring equipment
Number / Make: 8 x FLUTEK
Type (electric/hydraulic/steam): Hydraulic
motor driven enclosed gear type
Special lifesaving equipment
(eg MES, free-fall lifeboats)
Number of each and capacity: 1 set of

free-fall lifeboats (42 person capacity)
Make: Fassmer
Type: Totally enclosed type
Cargo tanks
Grades of cargo carried: Three
Coated tanks – make and
type of coating: Pure epoxy
Cargo pumps
Number / Make: 3 x Shinko
Type: Steam driven, centrifugal
Stainless steel
Capacity (each): 2,500m³/h X 130MLC
Cargo control system
Make / Type: Kongsberg / IAS
Ballast control system
Make / Type: Kongsberg / IAS
Water Ballast Treatment System
Make: DE NORA (USA)
Type: Electric (side stream injection)
Complement
Officers: 25
Crew: 11
Suez/Repair Crew: 6
Single/double/other rooms: 36 persons
+ 6 workers
Bridge control system
Make: Kongsberg
Type: K-Bridge
Is bridge fitted for one-man operation? Yes
Fire detection system
Make / Type: Consilium / Sawico
Fire extinguishing systems
Cargo holds: Fixed foam system / sea water
Make / Type: SEAPLUS
Engine room: CO₂ system
Make / Type: SEAPLUS/High Pressure
Radars
Number/Make: 2 sets x Kongsberg
Model(s): K-Bridge Radar
Integrated bridge system? Yes
Make: Kongsberg
Model: K-Bridge
Waste disposal plant
Dry waste glass crusher
Make / Model: USON / U-80
Dry waste shredder/crusher
Make / Model: USON / UMS-5050
Dry waste compactor
Make / Model: USON / UMCC-3
Food waste shredder
Make / Model: USON / UMSF
Food waste storage tank
Make / Model: USON / OWMS
Sewage plant
Make: IL SEUNG Co. Ltd
Model: ISS-43N (3,010Litres/Day)
Contract date: 20 December 2012
Launch/float-out date: 13 August 2015
Delivery date: 5 February 2016

