



RIGEL

RIGEL Schifffahrts GmbH & Co. KG

Domshof 14 / 15 | 28195 Bremen | Germany

Phone +49 (0) 421-1 73 99-0 | Fax +49 (0) 421-1 73 99-50

E-Mail contact@rigel-hb.com | Web www.rigel-hb.com

YOUR GUIDING STAR AT SEA

Flag

British Isle of Man

Port of registry

Douglas

Built

Hyundai MIPO Dockyard Co., Ltd., Ulsan, South Korea

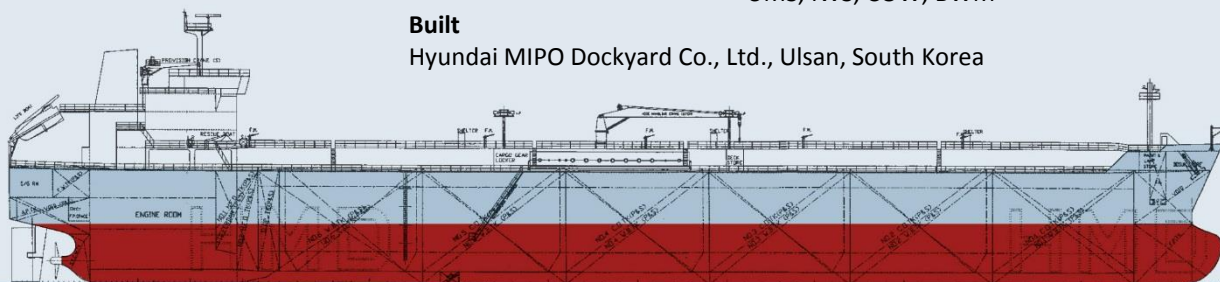
Class and register information

LR+ 100A1 Double Hull Oil and

Chemical Tanker Ship

Ship type 3 ESP CSR, +LMC,

UMS, IWS, COW, BWM



VESSEL TYPE COT 43

Vessel name	Delivery	IMO No.	Callsign
MT Orinoco Star	03/2009	9411989	2BTS2
MT Yukon Star	04/2009	9411991	2BWW6
MT Zambezi Star	02/1010	9491200	2CKK9

Main particulars

Lenght over all	abt. 184,00 m	Gross tonnage	abt. 23.312
Lpp	abt. 177,50 m	Net tonnage	abt. 9.972
Breadth moulded (Beam)	abt. 27,40 m	Panama net	abt. 19.419
Depth moulded	abt. 17,20 m	Suez net	abt. 20.874
Draught (Draft)	abt. 11,50 m	Bow to center of manifold	abt. 92,16 m
Deadweight (dwt)	abt. 37.850 mt	Keel to top of mast	abt. 46,93 m
SBT	abt. 17.500 m3	PBL manifold – fwd	abt. 43,83 m
Draught SBT	abt. 6,50 m3	PBL manifold – aft	abt. 43,83 m

Bridge

ECDIS	TRANSAS Navisailor 4000
ARPA	Furuno
GMDSS	Furuno
V-Sat	Seatel 4009

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Cargo system and equipment

Total cargo capacity 98 %	42.630 m ³ incl. slop tanks 268.134 bbls
Number of segregations	6 + 1
Number/ type of cargo pumps	10 pumps of 500 m ³ /h each Framo Deepwell 2 pumps of 300 m ³ /h each Framo Deepwell 2 pumps of 200 m ³ /h each Framo Deepwell
Pumping capacity	abt. 2.500 m ³ /h (theoretical)
Loading capacity	abt. 3.000 m ³ /h (theoretical)
Vapour return	Yes
Tank coating	Phenolic epoxy
Heating arrangement	Steam heat exchangers on deck (Framo)
Heating capacity	Max. 70 °C
Tank gauging system	Tank radar – online system
Closed loading/sampling	Yes
Tank cleaning	acc. ETC
Hose crane, SWL	10 mts
Inert gas system	Yes

Machine and propulsion

Main engine	MAN B & W Output 7,860 kW at 129 rpm, 6 S 46 MC -C
Service speed	abt. 14.5 knots
Consumption	abt. 29,0 mts/d.s.g. in operation
Aux engines	3 x 730 KVA
Propeller	Fixed propeller

CARGO TANKS

CT 1 port 2,583.4 m ³	CT 1 stb 2,583.4 m ³
CT 2 port 3,641.9 m ³	CT 2 stb 3,641.9 m ³
CT 3 port 3,710.3 m ³	CT 3 stb 3,710.3 m ³
CT 4 port 3,710.3 m ³	CT 4 stb 3,710.3 m ³
CT 5 port 3,710.3 m ³	CT 5 stb 3,710.3 m ³
CT 6 port 3,439.1 m ³	CT 6 stb 3,439.1 m ³
Slop port 536.4 m ³	Slop stb 536.4 m ³

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