



# COASTAL OFFSHORE (LABUAN) PTE. LTD. (LL02556)

A WHOLLY OWNED SUBSIDIARY OF COASTAL CONTRACTS BHD

183M 52641.2MT Tanker for Oil & Chemical Ship – Type III

## PRINCIPAL PARTICULARS

Type of vessel : Tanker for oil & Chemical Ship Type-III  
 Type of hull : Double hull  
 Flag : Hong Kong  
 Port : Hong Kong  
 Classification society : Det Norske Veritas (DNV)  
 Class Notation : 1A1 Tanker for Oil & Chemicals ESP, EO. , VCS-2 HL(1.055) TMON

## DIMENSIONS

Length overall	:			183.063M
Length bp	:			173.892M
Extreme breadth (Beam)	:			32.20M
Moulded depth	:			19.105M
Keel to Masthead (KTM) / KTM in collapsed condition (if applicable)	:			47.78M / 0M
Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM)	:			92.065M / 90.998M
Distance bridge front to center of manifold	:			57.235M
Parallel body distances	:			
		Lightship	Normal Ballast	Summer Dwt
Fwd to mid-point manifold		27.936M	45.15M	51M
Aft to mid-point manifold		27.936M	45.15M	51M
Parallel body length		66.236M	88.63M	102.034M
Fresh water allowance (FWA) at summer draft / TPC immersion at summer draft	:			295MM / 52MT
Max height of mast above waterline (air draft)	:		Full Mast	Collapsed Mast
		Light ship	45.076M	0 M
		Normal ballast	40.44M	0 M
		Loaded summer deadweight	34.64M	0 M

## TONNAGES

Net tonnage : 13602  
 Gross Tonnage / Reduced Gross Tonnage (if applicable) : 30006 / 22760  
 Suez Canal Tonnage - Gross (SCGT) / Net (SCNT) : 30437.43 / 25529.81  
 Panama Canal Net Tonnage (PCNT) : 24906

## LOADLINE INFORMATION

Loadline	Freeboard	Draft	Deadweight	Displacement
Summer	5.96M	13.14M	51218 MT	61315.80 MT
Winter	6.257M	12.843M	49795.20 MT	59892.80 MT
Tropical	5.709M	13.391M	52641.20 MT	62738.80 MT
Lightship	16.426M	2.704M		10097.60 MT
Normal Ballast Condition	11.80M	7.34M	22028.90 MT	32126.50 MT

Vessel WITHOUT multiple SDWT with maximum assigned deadweight of : 51218.20 Tonnes

## CARGO TANK CAPACITY

Capacity (98%) of each natural segregation with double valve (specify tanks) : -  
 Total cubic capacity (98%, excluding slop tanks) : 52047.60 M<sup>3</sup>  
 Slop tank(s) capacity (98%) : 1415.60 M<sup>3</sup>  
 Residual/Retention oil tank(s) capacity (98%) : 96 M<sup>3</sup>

## SEGREGATED BALLAST TANK

Total capacity : 24155.5 M<sup>3</sup>  
 Percentage of SDWT can be maintained with SBT only : 43%  
 Meet the requirements of MARPOL Annex I Reg 18.2 (previously Reg 13.2) : Yes

## CARGO HANDLING

Grades/products loadable/dischargeable with double valve segregation : 6  
 Maximum loading rate for homogenous cargo per manifold connection : 600 M<sup>3</sup>/Hr  
 Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds : 3650 M<sup>3</sup>/Hr  
 Cargo tank filling restrictions : Max filling height for S.G > 1.055 t/m  
 S.G = 1.53 (68.95% of cargo tank height)

Cargo control room (with tank innage/ullage reading from the CCR)

: Fitted

## PUMPING SYSTEM

Pumps	No.	Type	Capacity
Cargo	12	Centrifugal	600 M <sup>3</sup> /Hr
	2	Centrifugal	300 M <sup>3</sup> /Hr
Stripping	-		-
Eductors	-		-
Ballast	2	Centrifugal	750 M <sup>3</sup> /Hr

Cargo pumps can be run simultaneously at full capacity

: 6

## GAUGING AND SAMPLING

Operable under closed conditions in accordance with ISGOTT

: Yes

Type of fixed closed tank gauging system fitted

: Radar

Overfill (high-high) alarms

: Fitted in all tanks

## VAPOUR EMISSION CONTROL

Vapor return system (VRS)

: Fitted

VRS manifolds (per side)

: 2 x 300mm

## VENTING

Type of venting system

: Individual

## CARGO MANIFOLDS

Compliance : Latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'

Cargo connections per side : 6 x 350mm

Manifold material : Mild steel coated with paint

Stern manifold : Not fitted

## CARGO HEATING

Cargo heating system

: Steam

Heating coils

: Stainless steel

Maximum cargo loading/maintenance temperature

: 73.9°C/60°C

## TANK COATING

Cargo tanks

: 3-coat, pure epoxy

Ballast tanks

: 3-coat, pure epoxy

Slop tanks

: 3-coat, pure epoxy

Anode

: Zinc

## INERT GAS AND CRUDE OIL WASHING

Inert gas system (IGS)

: Fitted, supplied by IG generator

Crude Oil Washing (COW) installation

: Fitted

## MOORING SYSTEM

Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
Forecastle:	4	28mm	6X37 IWRC	250M	54.70MT
Main deck fwd:	2	28mm	6X37 IWRC	250M	54.70MT
Main deck aft:	4	28mm	6X37 IWRC	250M	54.70MT
Poop deck:	2	28mm	6X37 IWRC	250M	54.70MT
Wire tails	No.	Diameter	Material	Length	Breaking Strength
Forecastle:	4	60mm	PP+ Polyester mixed rope	11M	72 MT
Main deck fwd:	2	60mm	PP+ Polyester mixed rope	11M	72 MT
Main deck aft:	4	60mm	PP+ Polyester mixed rope	11M	72 MT
Poop deck:	2	60mm	PP+ Polyester mixed rope	11M	72 MT
Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
Forecastle:	4	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT
Main deck fwd:	2	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT
Main deck aft:	2	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT

Other mooring lines	Poop deck:	4	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT
	No.		Diameter	Material	Length	Breaking Strength
	Forecastle:	3	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT
	Mooring winches					
	No.				# Drums	Brake Capacity
	Forecastle:	2	60mm	Superflex (polypropylene & polyester mixed)	200M	67MT
	Main deck fwd:	1			Double	53.60MT
	Main deck aft:	1			Double	53.60MT
	Poop deck:	2			Double	53.60MT
	Mooring bitts	No.				SWL
	Forecastle:	6				67MT
	Main deck fwd:	6				67MT
	Main deck aft:	4				67MT
	Poop deck:	8				67MT
	Closed chocks and/or fairleads of enclosed type	No.				SWL
	Forecastle:	9				MT
	Main deck fwd:	12				MT
	Main deck aft:	10				MT
	Poop deck:	12				MT

### ANCHORS AND EMERGENCY TOWING SYSTEM

Number of shackles on port cable	: 11
Number of shackles on starboard cable	: 12
Forward emergency towing system	: Manual OCIMF stopper of 200 MT S.W.L.
Aft emergency towing system	: Manual drum type of 200 MT S.W.L.

### ESCORT TUG

Closed chock and/or fairleads of enclosed type on stern	: 600mm @ 200MT S.W.L.
S.W.L. of bollard on poopdeck suitable for escort tug	: 200MT

### SINGLE POINT MOORING (SPM) EQUIPMENT

Compliance	: Latest edition of OCIMF 'Recommendations for Equipment Employed in the Mooring of Vessels at Single Point Moorings (SPM)'
Chain stopper	: 1 x 200 MT S.W.L. of tongue type

### LIFTING EQUIPMENT

Crane	: 1 X 15 Tons @ 5M max. outreach outboard of ship's side (at center)
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### SHIP TO SHIP TRANSFER

Compliance	: Recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum or Liquefied Gas, as applicable)
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### PROPULSION

Fuel type for main propulsion	: 380CST
Fuel type for main generating plant	: 380CST
Capacity of bunker tanks – IFO / MDO/MGO	: 1568.70 M <sup>3</sup> / 121.20/114.50 M <sup>3</sup>
Propulsion type	: Fixed pitch

For more information, please contact Coastal Marketing Team at

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