



## 33,500DWT NH3 READY STAINLESS STEEL TANKER



### GENERAL DESCRIPTION

The vessel to be a single screw, Ammonia fuel ready engine driven stainless steel chemical tanker with machinery and accommodation located aft, having forecastle and five tiers of deck house. Ten (10) pairs of double side skin cargo tanks plus one (1) pair of slop tanks of duplex 2205 stainless steel are arranged, with twenty-two (22) grades of cargo segregations. All cargo piping is of SUS 316L. The ship is capable of carrying product oil with flash point <60°C, vegetable oil and IMO chemicals compatible to technical construction. Design specific gravity for cargo tanks is 1.54t/m<sup>3</sup> full, allowing partially load up to 1.85 t/m<sup>3</sup>. The vessel to be Tier III compliance with SCRs for M/E& A/Es. SOx control by LS fuels and scrubber not to be fitted.

### PRINCIPAL PARTICULARS

Loa abt.	179.99 m	Service speed	abt.14.0 kn
Lpp	177.00 m		d <sub>design</sub> (CSR, 10% SM.9.5m)
B	28.00 m	Endurance	12,000 N.Mile
D	15.20 m	Complement	27 P
d <sub>design.</sub>	9.50 m	M/E FOC, CSR	abt. 16.3 t/d +5%toler. (FO 42,700 kJ/kg under ISO, T II)
d <sub>scantling</sub>	10.70 m	EEDI	Phase 3
DWT <sub>scant</sub>	33,500 t		

### CAPACITY

Cargo Hold	100%
Include slop tanks	39,000 m <sup>3</sup>
Discharge Rate, Max.	2,250 m <sup>3</sup> /h
Liqui Tank	
HFO/MGO	900/150 m <sup>3</sup>
FWT/Tech FWT	250/700 m <sup>3</sup>
Lub .Oil	80 m <sup>3</sup>
W.B.T.	15,500 m <sup>3</sup>

### CLASS NOTATION

BV I ✕HULL, Oil tanker / Chemical tanker IMO type II, CSR, ESP, Unrestricted Navigation, INWATERSURVEY, ✕MACH AMMONIAFUEL-PREPARED; ✕AUT-UMS, MON-SHAFT, IGS, VCS, BWT, CPS(WBT), LI-HG-S3, GREENPASSPORT.

FLAG: Panama

### MAIN ENGINE

Type	MAN 5S50ME-C10.6-HPSCR +TV damper
MCR:	5,260 kW x 85 r/min + FPP
CSR :	4,471 kW x 80.5 r/min (85%MCR)

### GENERATOR

Main Generator	3 x 950kW	900 r/min
	+ SCRs	Tier III
Emer. Generator	1 x 125kW,	1,800 r/min

### EQUIPMENT

Cargo Pump	14x230 + 6x375m <sup>3</sup> /h 110mlc Hydr + 2x150m <sup>3</sup> /h Deep well	Balla. Pump/Treatment	2 x 550m <sup>3</sup> /h / 1 x 1,100m <sup>3</sup> /h
Boiler, steam	1 x 18,000kg/h x 6 bar	Hose Handling Crane	1 set x 10t x 18.5m
Tank Cleaning	Sea/Fresh water	Bow Thruster	1 set x 850 kW
		N <sub>2</sub> Generator (PSA)	2,100m <sup>3</sup> /h @1670m <sup>3</sup> /h dis.rate.