

SHIP PARTICULAR'S

NAME OF SHIP	MT.SINAR EMAS
KIND AND TYPE OF SHIP	WHITE PRODUCT OIL TANKER
OWNERS	SAMUDERA SHIPPING SERVICES
CRUSING AREA	UNRESTRICTED SERVICE
CLASSIFICATION	L.R (LLOYD REGISTER) / LRS +100 A1 DOUBLE HULL
OPERATOR / CHARTERER	PT. SAMUDERA SHIPPING SERVICE / PERTAMINA
PORT OF REGISTRY / FLAGS	JAKARTA / INDONESIA
CALL SIGN	P N M R
MMSI NO.	525 009 063
HULL NUMBER / PORT NUMBER	JDI 7500 - 001 / 01120 - B / 00
INMARSAT - C / TELEX	45 64 94 21 0 (A/B EMAS)
INMARSAT M / PHONE/FACSIMILE	765054648 / 76054650
MOBILE PHONE	65 912 848 81
EMAIL / GLOBEWIRELESS	sinaremas@samudera.dualog.net
OFFICIAL NUMBER / IMO NUMBER	2010Pst No.6355/L / 9 1 7 8 2 3 8
BUILDER / DATE OF BUILT	Jiangdu Shipyard, China (JD 17500-001)
DATE OF KEEL LAID/ LAUNCHING	June 25 th 1998 / March 26 th 1999
DATE OF DELIVERY	April 20 th 2000
DWT / LIGHT WEIGHT	17726 LONG TONS DWT / 6281.346 tons (Draft : 2.069 Mtr)
HEIGHT	37.35 Mtr

PRINCIPAL DIMENSION		FREEBOARD AND DEADWEIGHT					
LOA	160.00 Mtr	ITEM	FREEBOARD	DRAFT	DISPL	DWT	
LBP	150.86 Mtr		(Mtr)	(Mtr)	(T)	(T)	
BREATH (MOULDED)	27.00 Mtr		S	4.715	7.015	24291.83	18010.484
DEPTH (MOULDED)	11.70 Mtr		T	4.569	7.160	24900.00	18615.000
TONNAGE		W	4.861	6.880	23800.00	17499.000	
GROSS TONNAGE	13960.00 GRT						
NET TONNAGE	4722.00 NRT						

SPEED AND FUEL CONSUMPTION	
Service Speed : 11.50 Kts (MCO at full draft of 7.015 Mtr)	
Bunker Consumption : IN LADEN MFO = 16.5 tons/day IN BALLAST MFO= 15.6 tons/day	
Bunker Consumption : IN LADEN MDO= 1.4 tons/day IN BALLAST MDO= 1.4 tons/day	

ENGINE PARTICULARS			
MAIN ENGINE		AUX. BOILER	
TYPE	DIESEL MAN B&W 7S35 YB053	TYPE & NUMBER	Vertical Circulating Type 1 Set
NUMBER	1 Set	STEAM CONDITION	7 kg/Cm ²
M.C.O	6350ps x 170 RPM (Max) BHP 5500PS x 164 RPM (Service) BHP	MAX EVAPORATION	1850 kg/Hour
		FEED TEMPERATURE	60°C
PROPELLER		ELECTRIC DIESEL GENERATOR	
TYPE & NUMBER	Fixed Type Propeller 4 Blade Solid Type 1x	DIESEL ENGINE	ANQING -DAIHATSU 6DL - 20
DIAMETER/ PITCH	4.300 Mtr / 2.736 Mtr	GENERATOR	637.5 KVA x 3
DIRECTION OF ROTATION	RIGHT - HANDED		

CARGO TANK OIL TK (SG=0.720)				CAPACITY		PUMP		STRIPPING/BALLAST PUMP	
COATING COT EPOXY HEMPEL				(M3)	Tones 98%Full	CARGO OIL PUMP NO.1,2,3 Capacity : 600 m3/h Pressure head 1.0 MPa Cargo Viscosity 10 cSt CARGO S.G = 0.72 MAX. S.G = 1.025 Type Double Suction, double volute, one stage, radially split Centrifugal Pump Model C05BX 6-10 AAN H91		2 Set Pressure Head 1.0 MPa Cargo Viscosity 10 cSt Type: Twin Spindle Screw Pump With Timing Gear and External Bearing Model 98-20635 to 98-20636	
COT	LOCATION	(M3)	Tones 98%Full						
No.1COT P&S	FR163-188	3949.80	2786.98						
No.2COT P&S	FR139-163	4256.47	3003.37						
No.3COT P&S	FR115-139	4257.33	3003.97						
No.4COT P&S	FR 91-115	4257.31	3003.95						
No.5COT P&S	FR 67 - 91	4252.56	3000.60						
No.6COT P&S	FR 42 - 67	3675.22	2593.24						
TOTAL		24648.69	17392.12						
DIESEL OIL TANKS (SG=0.85)				CAPACITY		FW TANK		LOCATION	
				M3	Tones 98% Full				
D.O. TK (P)	FR 23 - 26	83.74	69.76					CAPACITY	
D.O. TK (S)	FR 23 - 26	75.82	63.16					M3	Ton 100%
TOTAL		159.56	132.92			FW TK (P&S)	AE - FR 6	306.86	306.86
HEAVY FUEL OIL TANKS (SG=0.95)				CAPACITY		SLOP TANKS (SG= 1.025)		CAPACITY	
				M3	Tones 98% Full			M3	Tones 98%
No.1 H FOT P&S	FR188 - 191	324.16	301.79			SLOP TANK P&S	PR 38 - 48	822.96	822.66
No.2 H FOT (P)	FR 26 - 38	330.43	307.63			CAP. BWT		10631.71	10895.51
No.2 H FOT (S)	FR 26 - 38	373.41	347.64						
TOTAL		1028.00	957.06			TOTAL CREW 28 PERSONS INCLUDING MASTER			
						Master of MT.SINAR EMAS Capt. Daniel Salinding			