

SHIP PARTICULAR'S

NAME OF SHIP		MT.SINAR EMAS					
KIND AND TYPE OF SHIP		WHITE PRODUCT OIL TANKER					
OWNERS		SAMUDERA SHIPPING SERVICES					
CRUISING AREA		UNRESTRICTED SERVICE					
CLASSIFICATION		K.R (KOREAN 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 : 11.00 Kts (MCO at full draft of 7.015 Mtr)							
Bunker Consumption : IN LADEN MFO = 15.7 Mtons/day IN BALLAST MFO= 15.5 Mtons/day							
Bunker Consumption : IN LADEN MDO= 2.280 Mtons/day IN BALLAST MDO= 2.280 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 – PUMP – COATING							
CARGO TANK OIL TK (SG=0.720) COATING COT EPOXY HEMPEL		CAPACITY		PUMP	STRIPPING/BALLAST PUMP		
COT	LOCATION	(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		
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	CAPACITY	
		M3	Tones 98% Full			M3	Ton 100%
D.O. TK (P)	FR 23 - 26	83.74	69.76	FW TK (P&S)	AE – FR 6	306.86	306.86
D.O. TK (S)	FR 23 - 26	75.82	63.16				
TOTAL		159.56	132.92				
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. ABDUL GANI			