



NOTES:-

GAO ✓ = DK. PLATE BETWEEN F.O.T. AND ACC. SP. TO BE COVERED BY INCONSUMABLE MATERIALS.

■ F.O. = FIRE DOOR WITH SELF-CLOSER. (E/R & GALLEY)

XX = LADDER CASING WITH W.T. COVER BY 4 DOGS OPENED ON BOTH SIDE.

PRINCIPAL PARTICULAR :-

L. D. A.	22.00 M (72.16 FT)
L. B. P.	19.70 M (64.62 FT)
BEAM MLD	6.70 M (22.00 FT)
DEPTH MLD	2.90 M (9.50 FT)
DESIGNED DRAFT	2.38 M (7.81 FT)
CREW	10 MEN
FUEL OIL	64.50 M ³
FRESH WATER	17.00 M ³
BALLAST	19.50 M ³
MAIN ENGINE	2 X CATERPILLAR 3408 DITA 480 BHP / 1800 RPM EACH
GEAR BOX	REINTJES VAF 164L 5.044 : 1 RATIO
GENERATOR	2 X 20 KW EACH
SPEED	10 KNOTS
DESIGNED B. P.	9 TONNES

06/2004	GENSET = 2 X 20 KW	1	OWNER
DATE	MODIFICATION	REV	BY
DESIGNER			
SHIP			
22M T. S. TUG			
TITLE			
GENERAL ARRANGEMENT			
OWNER	LINGCO SHIPBUILDING PTE. LTD., SPORE.		YB. NO. 404
BUILDER	GL + 100 A5 TUG + RC		P.D.R. SPORE
CLASS	UNRESTRICTED AREA		JOB NO. 0504
TRADE	TRACED	CHECKED	SCALE
DRN	KAN	PALE. VONG	DRG. NO.
03/07/2004	03-07-2004	1 : 200	VSDIMS-04-G 1

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Brief Specifications Of 22-Metre T.S. Tugboat

Type Of Vessel	: Twin Screw Steel Tugboat
Port Of Registry	: Singapore
GRT/NT	: 110 / 33
Year Built / Completion	: 2004 / September 2004
Classification	: Germanischer Lloyd (GL)
Length (L.O.A)	: 22.00 m
Breadth MLD.	: 6.70 m
Depth MLD.	: 2.90 m
Designed Draft	: 2.38 m
Fuel Oil Tank Capacity	: Approx. 64.50 m ³
Fresh Water Tank Capacity	: Approx. 17.00 m ³
Main Engine	: 2 x Caterpillar 3408 DITA 480 HP @ 1800 RPM
Gear Box	: 2 x Reintjes WAF164L; Ratio 5.044:1
Generator	: 2 x 20 KW Yanmar Marinised Genset (4TNE84T-G1A)
Towing Hook	: 1 x 15 Ton With Mechanical Quick Release
Windlass	: 1 x Electro-Hydraulic Windlass, Double Drum With Speed @ 10 m/min C/W Chain and Anchors
Steering Gear	: 1 x 1.5 Ton Electro-Hydraulic
Bilge & Ballast, GS & Fire Pump	: 2 x Ø2" Itur Pump, Capacity 18 m ³ /hr @ 25 m Head
F.O. Transfer Pump	: 1 x Ø1½" China-Made Gear Pump
FW Pressure Pump	: 1 x Ø1" "Davey" Auto Pressure Pump
Oily Water Separator	: 1 x 0.25 m ³ /hr
Navigational Aids	: 1 x VHF; 1 x SSB; 1 x Radar; 1 x Echo Sounder; 1 x GPS; 1 x Ø6" Standard Table Compass
Others	: 1 x Shipset Electric Engine Telegraph; 1 x Shipset Shaft Tachometer
Speed (Free Running)	: Approx. 11.00 Knots
Crew Accommodation	: 10 Men
Trading Limits	: Singapore Home Trade Limits/Load Line Exemption Area

Particulars given above believed to be true but not guaranteed.