

Rpt. 9

Date of writing report 29th August 1955

Received London 24 OCT 1955

Port KUCHING

No. 12739.

Survey held at KUCHING

No. of visits 3

First date 13.8.55

Last date 29.8.55

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 196094 Name M.V. SRI TINJAR Gross tons 256.70 Date of build 1953
Owners A.F. CLARKE 37, DINA HOUSE, H.K. Managers LIDDELL BROS & CO (SARAWAK) LTD Port of Registry HONG KONG
Engines made 1951 By GENERAL MOTORS CORPN, DETROIT, U.S.A. Type INTERNAL COMBUSTION, VERTICAL
No. of Main Engines 2 No. of Screws 2

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock DRYDOCK
Nature of Survey MODIFIED PERIODICAL
Was Damage Report issued? - Int. Cert.? -
Last Report (For Head Office only)

Hull	Machinery
+10091	LMC 6.53
9.54	TS CL P 6.53
	S. 9.54

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

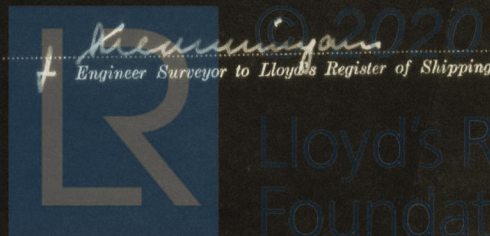
DOCKING Propellers good Near Down of Stern Bushes P. + S. reworked Oil Glands - Sea Connections good
Fastenings good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 13/8/55 Has Shaft been changed? Repaired & refitted
Has Shaft now fitted been previously used? Yes Has Shaft now examined/fitted a continuous liner? Inspected & alt Approved oil gland? -
MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
1 Cyls., Covers, Pistons & Rods condition good condition good
2 Valves & Gears condition good
3 Connecting Rods, Top Ends & Guides Side } connecting Rods: good. Gudgeon pin & bearings - good. Bottom end bearings good.
4 Crankpins & Bearings Side }
5 Journals & Bearings Centre } Main bearings worn out & loss of lub oil pressure
6 MAIN ENGINE DRIVEN AIR COMPRESSORS
7 Cyls., Covers, Pistons & Rods
8 Connecting Rods & Top Ends
9 Crankpins & Bearings
10 Journals & Bearings
11 Coolers & Safety Devices
12 MAIN ENGINE DRIVEN SCAVENGE PUMPS
13 Cyls., Covers, Pistons & Rods
14 Connecting Rods & Top Ends
15 Crankpins & Bearings
16 Journals & Bearings
17 Levers
18 SCAVENGE BLOWERS
19 SUPERCHARGERS
20 MAIN TURBINES
21 Casings, Rotors, Blading, Bearings & Thrusts
22 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
23 STEAM COMPRESSORS
24 CLUTCHES & HYDRAULIC COUPLINGS
25 REDUCTION GEARING
26 THRUST BLOCKS, SHAFTS & BEARINGS
27 INTERMEDIATE SHAFTS & BEARINGS
28 HOLDING DOWN BOLTS & CHOCKS
29 CONDENSERS (MAIN & AUX.)
30 STEAM RE-HEATERS
31 DE-SUPERHEATERS
32 STOP & MANOEUVRING VALVES
33 MAIN ENGINE DRIVEN PUMPS
34 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS
To remain as classed and to have record of Modified Survey 8,55 and T.S. (CL) 8,55.

Date of Committee

Decision

30m 5.54. T.



If certificate is required state where to be sent

2739.

Essential Independent Pumps (Identify by position) *bilge pump connected in line with generator on Portside of E.R. Bilge pump broken down & uncoupled from prime mover. Examined & found in good condition.*

Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? *Yes - in good condition*

Fresh Water Coolers ☒ 36 Lub. Oil Coolers ☒ 37 Heaters (state service) ☒

Independent Air Compressors, Coolers & Safety Devices ☒

Air Receivers & Safety devices—Main ☒ 40 Auxiliary ☒

Oil Fuel Tanks (Not forming part of hull structure) *not examined*

Evaporators ☒ 43 Have Evaporator Safety Valves been tested under steam? ☒

Steering Machinery ☒ 45 Windlass *satisfactory* 46 Fire Extinguishing Arrangements *fire extinguisher tested 350 lbs/0" & recharged*

AUXILIARY ENGINES (Identify by position) *Generator engine situated in portside of E.R. Reported to have been completely overhauled before docking.*

		ELECTRICAL EQUIPMENT	
PROPULSION		PORT	STARBOARD
Generators			
Exciters			
Air Coolers			
Motors			
Air Coolers			
Control Gear, Cables, etc.			
Insulation Resistance			
Insulating Oil Test			
Over-speed Governors			
Magnetic Couplings			
Gap			
		AUXILIARY EQUIPMENT	
		1 Generators & Governors	
		2 Motors	
		3 Switchboards & Fittings	
		4 Circuit Breakers	
		5 Cables	
		6 Insulation Resistance	
		7 Steering Gear Generators and Motors	
		8 Navigation Light Indicators	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

Boilers ☒ AUXILIARY, DONKEY or PRESS ☒

Reheaters ☒

Safety Valves ☒

Fittings, Doors & Fastenings ☒

Safety Valves Adjusted to ☒ Sat. ☒ Spt.

Securing Arrangements ☒

Economisers ☒

Heated Steam Generators ☒ Steam Generator Safety Valves Adjusted to ☒

Oil Burning System & Remote Controls examined working in accordance with Rules? ☒ Forced Circulating Pumps ☒

Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ☒ Funnel ☒

EXAMINATION & TESTING OF STEAM PIPES (State material)

Copper Pipes annealed? ☒ Auxiliary (over 6 in. bore) ☒

Have Saturated Pipes in cylindrical boiler smoke boxes been tested? ☒

Particulars of Defects & Repairs, etc. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Draw out port screw shaft, remetalise liners & skim to size. Renew L.V. "A" bracket stern & bushes. Box up & realign with Port main engine. (b) Draw stbd screw shaft, remetalise liners, to size. Renew LV "A" bracket, stern & neck bushes. Box up & realign with stbd main engines. (c) Refit screw to shaft tapers, renew keys, rebalance screws, & box up. Drop down P&S rudders, renew bushes & box up. Strip down chains, repair blocks, strip down steering wheel, affect renewals, anneal steering chains etc, box up & adjust accordingly.

(a) Strip down to bedplate and carry out comprehensive overhaul. Port main engine subjected to full load trials. (b) Top overhaul. Fuel pump & injectors to be adjusted. Engine to be subjected to full load trials. (c) No action to be taken. (d) Repair centrifugal ballast pump, connect on to prime mover & test on trials. Fit spare hand pump installation with valves & T piece & connect to bilge main. W

The above repairs satisfactorily carried out.

LEAVE THIS SPACE BLANK

Survey fees *T.S.* \$ 160.00
L.Y.C. (M) \$ 263.00
Mchy Ref \$ 150.00

Damage fee ...

Expenses...

Date when A/c rendered *19/10/55*



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