

Rpt. 9

Date of writing report 29th August 1955

Received London 24 OCT 1955

Port KOCHING

No. 12739

Survey held at KOCHING

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	
T100A1	9.5.4	LMC	6.53
		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.

If so, is the Report sent now, or when will it be sent?

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	condition good
3 Connecting Rods, Top Ends & Guides	Side } connecting Rods: Good. Gudgeon Centre } pin & bearings - good. Bottom Side } end bearings good.	} not examined as engine was not stripped down. but oil pressure reported normal
4 Crankpins & Bearings	Centre }	
5 Journals & Bearings	Main bearings worn out + loss of lub oil pressure	condition good -

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

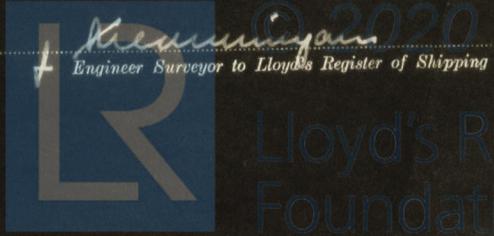
29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 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



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 brine main. 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 40 Auxiliary

Air Receivers & Safety devices—Main *not examined*

Oil Fuel Tanks (Not forming part of hull structure) 43 Have Evaporator Safety Valves been tested under steam? *fire extinguisher tested 350lb/0" & recharged*

Evaporators 45 Windlass *satisfactory* 46 Fire Extinguishing Arrangements *fire extinguisher tested 350lb/0" & recharged*

STEERING MACHINERY 47 Steering Gear *Generator engine situated in portside of E.R. Reported to have been completely overhauled before docking.*

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)		AUXILIARY, DONKEY or PRESS
Number		
Reheaters		
Safety Valves		
Settings, Doors & Fastenings		
Safety Valves Adjusted to	Saf.	
	Spt.	
Securing Arrangements		
Economisers		Exhaust Gas Heated 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

ANNEALING & 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 & neck bushes. Box up & realign with Port main engine. (b) Draw stbd screw shaft, remetalise liners, & 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.



Lloyd's Register Foundation