

Rpt. 9

Date of writing report 5-1-60
Survey held at Rangoon

Received London
No. of visits 6

Port Rangoon
First date 12-8-59
Last date 24-12-59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 23105 S.S. "NATHAMEE"
Owners Board of Management for Port of Rgn Managers
Engines made Hull By Amos & Smith Ltd
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 1SB W.P. 220 lbs
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat & Drydock
Nature of Survey Annual
Was Damage Report issued? - Int. Cert.? YES
Last Report (For Head Office only)

Gross tons 277 Date of build 5 - 1942
Port of Registry Rangoon
Type T 2 cy 16", 25" & 42" x 27"

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+ 100 A1 SS 5/56 for towing services	+ LMC

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 Wear Down of Stern Bushes 1/16" Oil Glands good Sea Connections good
Fastenings good Has Screwshaft Tubeshaft been drawn? No Date of Examination 12th-8-59 Has Shaft been changed? NO
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? NO Approved oil gland? YES

MAIN ENGINES (Recip. Steam or ~~ICE~~) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods HP, IP & LP - good
2 Valves & Gears HP, IP, & LP - good
3 Connecting Rods, Top Ends & Guides Side HP, IP & LP - good
4 Crankpins & Bearings Side HP, IP & LP - good
5 Journals & Bearings No. 1, 2, 3, 4, 5 & 6 - 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

SUPERCHARGERS

MAIN TURBINES

16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS good

INTERMEDIATE SHAFTS & BEARINGS No. 1 & 2 good

HOLDING DOWN BOLTS & CHOCKS good

CONDENSERS (MAIN & AUX.) good

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES good

MAIN ENGINE DRIVEN PUMPS Air Pump, bilge and feed rams good

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? YES - good

OPINION OF MACHINERY AND RECOMMENDATIONS

The boiler and machinery of this vessel so far as now seen is in safe working condition and eligible in my opinion to remain as classed + LMC with fresh record of MBS 12/59 & TS 8/59.

ES 17/59

TUESDAY - 1 MAR 1960

Date of Committee

Decision

ES 12/59

TS 8/59, MBS 12/59

40m, 3.58 T. (MADE AND PRINTED IN ENGLAND)

Noted
for
Header



2020

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

008925-008937-0017

32 Essential Independent Pumps (Identify by position) Feed Pump, Bilge Pump and circulating pump for c^ondenser opened up and examined - good

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls examined - good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? YES - good

35 Fresh Water Coolers 36 Lub. Oil Coolers 37 Heaters (state service) Feed heater - good

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices - Main 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure)

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

44 Steering Machinery good 45 Windlass good 46 Fire Extinguishing Arrangements good

AUXILIARY ENGINES (Identify by position) Engine for generator on Stbd side of E.R. - good.
Main condenser circulating pump engine - good.

ELECTRICAL EQUIPMENT	
PROPULSION	AUXILIARY EQUIPMENT
a Generators	l Generators & Governors good
b Exciters	m Motors
c Air Coolers	n Switchboards & Fittings good
d Motors	o Circuit Breakers
e Air Coolers	p Cables good
f Control Gear, Cables, etc.	q Insulation Resistance good
g Insulation Resistance	r Steering Gear Generators and Motors
h Insulating Oil Test	s Navigation Light Indicators good
i Overspeed Governors	
j Magnetic Couplings	
k Air Gap	

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

MAIN Internally examined - 8th December 1959 AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves good

Mountings, Doors & Fastenings good

Safety Valves Adjusted to Sat. 220 lbs. Compression Ring P. 5/16" S. 7/16"
Spt.

Boiler Securing Arrangements good

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to

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

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

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)

Were Copper Pipes annealed? 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)

Main Boiler:- (1) Port Combustion chamber 2 Nos back - end stays renewed.
(2) Between Port and Centre combustion chamber 10 Nos stays renewed.
(3) Centre combustion chamber 3 Nos back end stays renewed.
(4) Between Centre and Starboard combustion chamber 3 Nos stays renewed.
(5) Port combustion chamber starboard side plate at bottom 3 Nos rivets renewed.
Boiler was hydraulically tested to 280 lbs/sq inch and found satisfactory.

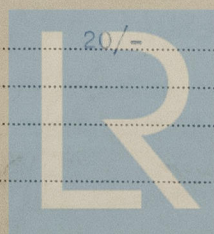
LEAVE THIS SPACE BLANK

Survey fees Rs. 360/-

Damage fee

Expenses... 20/-

Date when A/c rendered



© 2020

Lloyd's Register Foundation

It is submitted that this vessel is eligible for THE RECORD

ES 12/59
MBs 12/59
TSOG 8/59

1227
25/2/60

ES due 6/62 } and held.
MBs due 6/59 }
TSOG due 4/61 }
Docking & repairs
Some boiler stay rivets renewed. Boiler hydraulically tested subsequently.