

Writing report 20/6/57 Received London 3 JUL 1957 Port GLASGOW No. 87046
d at IRVINE No. of visits 6 First date 15th MARCH Last date 12th JUNE 1957

PORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

51908 S.S. "ARDGRYFE" Gross tons 983 Date of build 1918-3M
Name P. MACCALLUM & SONS LTD. Managers Port of Registry GREENOCK
made 1918 By AITCHISON, BLAIR & CO. Type TRIPLE 3 CY

Records of Survey & Special Notations as per Register Book			
Hull		Machinery	
* 100 AI	2.56	* LMC	4.53
S.S. SHL	(Dr) 4.53	MBS	2.56
		TSCL	2.56
NS.		ND	

on 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 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 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 Survey 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.

Propellers Good Wear Down of Stern Bushes 3/32 Oil Glands - Sea Connections Good
Has Screwshaft Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? -
Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

PORT
ENGINES (Recip. Steam or I.C.)
Covers, Pistons & Rods (1) HP, IP, & LP - Good
& Gears (2) HP, IP, & LP - Good
Side
Side Rods, ds & Guides (3) HP, IP, & LP - Good
Centre
Side
Side Pins & (4) HP, IP, & LP - Good
Centre
(5) Good
Is & Bearings

ENGINE DRIVEN AIR COMPRESSORS
Covers, Pistons & Rods
Side Rods & Top Ends
Is & Bearings
Is & Bearings
& Safety Devices

ENGINE DRIVEN SCAVENGE PUMPS
Covers, Pistons & Rods
Side Rods & Top Ends
Is & Bearings
Is & Bearings

ENGINE BLOWERS
RECHARGERS
TURBINES
Is, Rotors, Blading, Bearings & Thrusts

WATER-STEAM TURBINES (WITH RECIP. ENGINES)
M-COMPRESSORS
PUMPS & HYDRAULIC COUPLINGS
MOTION GEARING

JUST BLOCKS, SHAFTS & BEARINGS (23) Good
INTERMEDIATE SHAFTS & BEARINGS (24) Good
HANGING DOWN BOLTS & CHOCKS (25) Good
SENSORS (MAIN & AUX) (26) Good
M-RE-HEATERS
SUPERHEATERS

& MANOEUVRING VALVES (29) Good
ENGINE DRIVEN PUMPS (30) AIR PUMP, Circ. Pump, FEED & BILGE PUMPS - Good

Have Main Engines been tested working and manoeuvring? YES
CASE DOORS & EXPLOSION RELIEF DEVICES
TION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in good order and eligible to remain as classed with fresh end of ES 6.57, MBS 6.57, & SPS 6.57 now.

GLASGOW 2 JUL 1957
E.S. 6.57
MBS 6.57
SPS 6.57
CERTIFICATE WRITTEN

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Atial Independent Pumps (Identify by position)

FORWARD FEED PUMPS, BALLAST PUMP, - GOOD

33 33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls

GOOD

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

YES

35 Fresh Water Coolers

36 Lub. Oil Coolers

37 Heaters (state service)

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 44 Steering Machinery

GOOD

45 45 Windlass

GOOD

46 46 Fire Extinguishing Arrangements

GOOD

AUXILIARY ENGINES (Identify by position)

STARBOARD GENERATOR - GOOD

PROPULSION

PORT

STARBOARD

ELECTRICAL EQUIPMENT

AUXILIARY EQUIPMENT

a Generators

b Exciters

c Air Coolers

d Motors

e Air Coolers

f Control Gear, Cables, etc.

g Insulation Resistance

h Insulating Oil Test

i Overspeed Governors

j Magnetic Couplings

k Air Gap

l Generators & Governors

GOOD

m Motors

n Switchboards & Fittings

GOOD

o Circuit Breakers

p Cables

GOOD

q Insulation Resistance

GOOD

r Steering Gear Generators and Motors

s Navigation Light Indicators

GOOD

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

MAIN

PORT & STARBOARD 13-5-57 - GOOD

AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

GOOD

Mountings, Doors & Fastenings

GOOD

Safety Valves Adjusted to

Sat.

180 LBS

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

GOOD

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main

TESTED TO 2XWP - GOOD

Auxiliary (over 3 in. bore)

Were Copper Pipes annealed?

YES

Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC.

(are subjects of class)

(Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

PORT BOILER REPAIRS:- Inboard Furnace - 18" of grooving at bottom of goose neck cut out and built up with E.W. Number of CC stays renewed.

All main tubes throughout boiler renewed (Governer request).

STARBOARD BOILER REPAIRS:- Bottom manhole built up with E.W. on bottom flange. Inboard furnace:- 12" of grooving at bottom of goose neck cut out and built up with E.W.

Outboard furnace:- Number of CC stays renewed.

Wear and tear repairs effected to mountings of both boilers.

LEAVE THIS SPACE BLANK

Survey fees

ES. £18-0-0 X
MBS. £10-0-0 X
ELEC £6-0-0

Damage fee

Expenses...

£2-2-6

Date when A/c rendered

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10 JUL 1957