

Writing report 20/6/57
Made at IRVINE

Received London 3 JUL 1957
No. of visits 6

Port GLASGOW
First date 15th MARCH Last date 12th JUNE 1957
No. 87046

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

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

Engines 1 No. of Screws 1
Boilers 2 SB W.P. 180 lbs.
Donkey Boilers W.P.
float or in Dry Dock AFLOAT & ON SLIPWAY
Survey MBS, LMC, DOCKING, & SPS.
Report issued? No Int. Cert.? YES
(For Head Office only)

Hull		Machinery	
* 100 AI	2.56	* LMC	4.53
S.S. SHL	(Dr) 4.53	MBS	2.56
		TSCL	2.56
NS		ND	

None 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? -

ENGINES (Recip. Steam or T.C.)

	PORT	STARBOARD
Covers, Pistons & Rods (1)	HP, IP, & LP - GOOD	
& Gears (2)	HP, IP, & LP - GOOD	
Timing Rods, Pins & Guides (3)	HP, IP, & LP - GOOD	
Side		
Centre		
Side (4)	HP, IP, & LP - GOOD	
Centre		
Shafts & Bearings (5)	GOOD	

~~ENGINE DRIVEN AIR COMPRESSORS~~
Covers, Pistons & Rods
Timing Rods & Top Ends
Pins & Bearings
Shafts & Bearings
Safety Devices

~~ENGINE DRIVEN SCAVENGE PUMPS~~
Covers, Pistons & Rods
Timing Rods & Top Ends
Pins & Bearings
Shafts & Bearings

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

~~WATER STEAM TURBINES (WITH RECIP. ENGINES)~~
~~COMPRESSORS~~

~~VALVES & HYDRAULIC COUPLINGS~~
~~WORM GEARING~~

FAST BLOCKS, SHAFTS & BEARINGS (23) GOOD
INTERMEDIATE SHAFTS & BEARINGS (24) GOOD
HANGING DOWN BOLTS & CHOCKS (25) GOOD
SENSORS (MAIN & AUX) (26) GOOD

~~HEATERS~~
~~REHEATERS~~
MANOEUVRING VALVES (29) GOOD
ENGINE DRIVEN PUMPS (30) AIR PUMP, Circ. Pump, FEED & BILGE RAMS - GOOD

~~CASE DOORS & EXPLOSION RELIEF DEVICES~~ Have Main Engines been tested working and manoeuvring? YES

CONDITION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in good order and eligible in our opinion to remain as classed with fresh load of ES 6.57, MBS 6.57, & SPS 6.57 now.

Signature of Committee E.S. 6.57
Signature of Engineer MBS 6.57
Signature of Surveyor S.P.S. 6.57
GLASGOW 2 JUL 1957

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Lloyd's Register Foundation
007529-007335-0220

Noted for Header

CERTIFICATE WRITTEN

If certificate is required state where to be sent.

Partial Independent Pumps (Identify by position) **FORW & AFT FEED PUMPS, BALLAST PUMP, - GOOD**

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

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 Steering Machinery **GOOD** 45 Windlass **GOOD** 46 Fire Extinguishing Arrangements **GOOD**

AUXILIARY ENGINES (Identify by position) **STARTER GENERATOR - GOOD**

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	PORT	STARBOARD
/		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 **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. (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 plain tubes throughout boiler renewed (Owner 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 +**
MBS. £10-0-0 +
ELEC £6-0-0

Damage fee ...
Expenses... **£2-2-6**

Date when A/c rendered

noted
10 JUL 1957

