

Rpt. 9

Date of writing report 4th Jan. 1957.

Received London 11 JAN 1957

Port CARDIFF.

No. 59954

Survey held at NEWPORT, MON.

No. of visits 14

First date 29th Nov. Last date 21st Dec. 1956.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 55248 Name S.S. "CAPE FRANKLIN" Gross tons 7150 Date of build 5 - 1943

Owners Lyle Shipping Co., Ltd. Managers - Port of Registry Glasgow

Engines made 1943 By Canadian Allis-Chalmers Ltd. Type T 3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 3 W.P. 220 lb. Spt.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both.

Nature of Survey Compn. of MS., BS. & TS. s.p.s. & Rprs.

Was Damage Report issued? No Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
100 A1	LMC
with freeboard	6-52
7-56	BS 9-55
S.S. Gls 4-53	CL 7-56 N
	OF 6-51

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 3/32" Oil Glands - Sea Connections Good

Fastenings Good Has Screwshaft/Tubeshaft been drawn? Yes Date of Examination 12.12.56 Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? -

MAIN ENGINES (Recip. Steam ~~MS~~) **PORT** **STARBOARD**

1 Cyls., Covers, Pistons & Rods H.P., M.P. & L.P. All - Good.

2 Valves & Gears H.P., M.P. & L.P. All - Good.

3 Connecting Rods, Top Ends & Guides ~~Size~~ Centre H.P., M.P. & L.P. All - Good.

4 Crankpins & Bearings ~~Size~~ Centre H.P., M.P. & L.P. All - Good.

5 Journals & Bearings 1, 2, 3, 4, 5 & 6 All - 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

19 ~~EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)~~

20 ~~STEAM COMPRESSORS~~

21 ~~CLUTCHES & HYDRAULIC COUPLINGS~~

22 ~~REDUCTION GEARING~~

23 THRUST BLOCKS, SHAFTS & BEARINGS Good

24 INTERMEDIATE SHAFTS & BEARINGS Good

25 HOLDING DOWN BOLTS & CHOCKS Good

26 CONDENSERS (MAIN & AUX.) Good (Both tested)

27 ~~STEAM REHEATERS~~

28 ~~DE SUPERHEATERS~~

29 STOP & MANOEUVRING VALVES Good

30 MAIN ENGINE DRIVEN PUMPS All Good

31 ~~CRANKCASE DOORS & EXPLOSION RELIEF DEVICES~~ Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as seen, is eligible to remain as classed in the Register Book and to have the records of B.S. 12-56, TS (CL) 12-56 and s.p.s. 12-56 now and LMC (MS) 6-56 as previously recommended.

(Record of M.N. in Register Book to be amended).

Date of Committee TUESDAY 19 JAN 1957

Decision + LMC MS 12-56 without Spl. con. MS 12-56 SPS 12-56

30m. 6.55. T. (MADE AND PRINTED IN ENGLAND.)

S 12-56

CERTIFICATE WRITTEN.

Noted for Header



004852-004860-0248

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

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) Circulating Pump, Both feed pumps, Ballast pump, G.S. pump, O.F. Transfer pumps, Both O.F. Unit pumps - All Good

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls All 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) Feed & Oil fuel - Good (tested)

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 Good 43 Have Evaporator Safety Valves been tested under steam? 15 lbs.

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

AUXILIARY ENGINES (Identify by position) Forward & After Generator Engines, Fan Engine, Circulating pump engine - All Good.

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors All - Good
b Exciters			
c Air Coolers			m Motors -
d Motors			n Switchboards & Fittings Good
e Air Coolers			o Circuit Breakers Good
f Control Gear, Cables, etc.			p Cables Good
g Insulation Resistance			q Insulation Resistance Good
h Insulating Oil Test			r Steering Gear Generators and Motors -
i Overspeed Governors			s Navigation Light Indicators Good
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 4.12.56. Centre 12.12.56. Starboard 4.12.56. All - Good

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 220 lbs. Spt. 220 lbs.

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? Yes Forced Circulating Pumps

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

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Solid drawn steel 7.12.56. Good Auxiliary (over 3 in. bore) Solid drawn steel 7.12.56. Good

Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested? Yes.

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)

Repairs:- M.P. & L.P. Crank pin bearings remetalled. Minor other repairs effected.

S.R. List. H.P. Valve spindle bracket renewed. M.P. Piston renewed - see attached Greenock Certificate C.5661 dated 7.12.56. Stern tube nut cleaned and examined - slight wastage noted, but nut is considered efficient. Stern bush - all fastening missing and tube slacked back 1/2", tube now drawn up in place and re-secured. It is recommended that these items may with the approval of the Committee be deleted from the S.R. List.

Boilers:- Centre Boiler starboard safety valve lid renewed - minor other repairs effected.

NOTE:- The vessel has now changed Ownership. Details as follows:-

New Name:- "AFRICAN SKY"
 Owners:- West Africa Navigation Co. Ltd., of Monrovia.

According to information supplied by the Owners' Superintendent, the I.H.P. of the machinery is 2500 and the new M.N. is 450.

Survey fees	MS	£32. 0. 0.
	BS	£18. 0. 0.
	TS	£ 4. 0. 0.
Elec. Inst.		£ 6. 0. 0.
Repair		
Damage fee		£10. 10. 0.
Sunday Attend. Fee		£ 5. 5. 0.
Expenses...		£ 3. 0. 6.

Date when A/c rendered 10 Jan 1954