

Rpt. 9

Date of writing report 4th Jan. 1957.

Survey held at NEWPORT, MON.

Received London

111 JAN 1957

No. of visits 14

Port CARDIFF.

No. 59954

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

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 55248 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. sps. & Rprs.
Was Damage Report issued? No Int. Cert.? Yes.
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

| 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 ~~LMC~~ 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 ~~Stk~~ Centre H.P., M.P. & L.P. All - Good.
4 Crankpins & Bearings ~~Stk~~ 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~~
16
~~SUPERCHARGERS~~
17

~~MAIN TURBINES~~
18 Casings, Rotors, Blading, Bearings & Thrusts

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

~~STEAM COMPRESSORS~~
20

~~CLUTCHES & HYDRAULIC COUPLINGS~~
21

~~REDUCTION GEARING~~
22

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 RE-HEATERS~~

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 FEB 1957
Decision +LMC MS 12-56 without Spl. cdn.
MBS 12-56 SPS 12-56
S 12-56

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

CERTIFICATE WRITTEN.

Noted for Header



Lloyd's Register Foundation

004852-004860-0248

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.

| PROPULSION | | ELECTRICAL EQUIPMENT | | AUXILIARY EQUIPMENT | |
|------------------------------|-----------|----------------------|--|---------------------------------------|------------|
| PORT | STARBOARD | | | | |
| a Generators | | | | l Generators & Governors | All - Good |
| b Exciters | | | | m Motors | - |
| c Air Coolers | | | | n Switchboards & Fittings | Good |
| d Motors | | | | o Circuit Breakers | Good |
| 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 4.12.56. Centre 12.12.56. AUXILIARY DONKEY & PRESS
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 messing 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. |