

REPORT OF **MACHINERY SURVEYS AND REPAIRS**
(ENGINES AND AUXILIARIES)

Received London

Ship's Name ~~XX/M~~ T. "BEAUFIGHTER" 1948-11 Gross tons 10442
Is there a rpt. 8? No Port Suez Rpt. No. 1828
No. of visits 3 First date 6/4/63 Last date 7/4/63
Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only) 5025 BRANK
Date of completing rpt. 18/4/63 Surveyed at, if different from Port above
Is a rpt. 9B attached? Yes MN 1200 Nature of survey M.E. Repairs
Survey fees £ 37.000 Damage fee - Expenses £ 3.000
Stamp duty £ 0.200
S.A. fee £14.000

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

Cyls., covers,
pistons & rods

Valves & gears

Con. rods, top ends
& guides centre

Side

Crankpins &
bearings centre

Side

Journals &
bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

Cyls., covers,
pistons & rods

7

Con. rods &
top endsCrankpins &
bearings

9

Journals &
bearingsCoolers &
safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

Cyls., covers,
pistons & rods

12

Con. rods &
top endsCrankpins &
bearings

14

Journals &
bearings

MAIN TURBINES (State Port—P or Starboard—S)

Casings, rotors,
blading, bearings
& thrusts

15

Levers

Reduction
gearingScavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~xxx~~ without fresh record of survey subject to any condition at present attached to the ship's class being dealt with as previously recommended.

Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

MONDAY 13 MAY 1963

Minute

As now subject

ALSO FOR

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POSTING

HEADER

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|--|----|----------------------------------|----|---|
| Exhaust steam turbines (with recip. eng.) | 20 | Thrust blocks | 21 | shafts & bearings |
| Steam compressors | 22 | Intermediate shafts & bearings | 23 | |
| Clutches & hydraulic couplings | 24 | Condensers (main & aux.) | 25 | |
| Steam re-heaters | 26 | Air ejectors (main & aux.) | 27 | |
| De-superheaters | 28 | Forced &/or induced draught fans | 29 | |
| Stop & manoeuvring valves | 30 | Holding down bolts & chocks | 31 | |
| Main engine driven pumps | 33 | | | Detuner or vibration damper |
| | | | | 32 |
| Crankcase doors & explosion relief devices | 34 | | | 35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) |
| Essential independent pumps | 36 | | | |
| | | | | |
| Bilge, ballast & oil fuel suction lines, fittings & controls | 37 | | | Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? |
| | | | | 38 |
| Fresh water coolers | 39 | | | 40 Lub. oil coolers |
| Heaters (state service) | 41 | | | 42 Feed water filters |
| Auxiliary air receivers & safety devices | 43 | | | 44 Starting air pipes |
| Main air receivers & safety devices | 45 | | | |
| Independent air compressors coolers & safety devices | 46 | | | |
| | | | | |
| Oil fuel tanks (not forming part of the hull structure) | 47 | | | |
| Have all evaporators safety valves been tested under steam? | 48 | Evaporators | 49 | HP & LP |
| | | | | 50 Distillers |
| Fire extinguishing arrangements | 51 | Steering machinery | 52 | |
| | | | | 53 Windlass |

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

(Wear and tear).

Main engine No. 2 cylinder bottom cover to liner joining faces alight scored causing gas leakage.

NOW DONE:- Dressed up joining faces by grinding. Engine examined under working conditions and repaired joint found tight.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations existing particulars in the Register Book should also be reported above.

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Naval Register
Foundation