

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS
(ENGINES AND AUXILIARIES)

Received London

28 MAR '63

Ship's Name **SS/MS "ERNEBANK"** 5388 Gross tons of Belfast

Is there a rpt. 8? Port **Hamburg** Rpt. No. **12404**

No. of visits **4** First date **28.2.63** Last date **5.3.63**

Interim Cert. issued & copy herewith? **yes** Damage rpt. issued & copy herewith? **no** Last rpt. (H.Q. only)

Date of completing rpt. **5.3.63** Surveyed at, if different from Port above **-**

Is a rpt. 9B attached? **yes** MN **490** Nature of survey **CSM**

Survey fees Damage fee Expenses
Completion £ **74.0.0.** £ **3.0.0.**

C.S. S.A. fee

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

1 Cyls., covers, pistons & rods No. **3** good

2 Valves & gears

3 Con. rods, top ends & guides centre No. **3** good Side

4 Crankpins & bearings centre No. **3+4** good Side

5 Journals & bearings No. **7+8** good

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

6 Cyls., covers, pistons & rods 7 Con. rods & top ends

8 Crankpins & bearings 9 Journals & bearings

10 Coolers & safety devices

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

11 Cyls., covers, pistons & rods 12 Con. rods & top ends

13 Crankpins & bearings 14 Journals & bearings

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

15 Casings, rotors, blading, bearings & thrusts 15 Levers

16 Reduction gearing

17 Scavenge blowers

19 Superchargers all under piston good

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM 3.63, subject to the Evaporator not being used until it has been surveyed.

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

Date of Committee

Minute

See Ctee Minute 20/5/63

Surveyor to Lloyd's Register of Shipping

ALSO FOR

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003175-003180-0106

Exhaust steam
turbines (with
20 recip. eng.)
22 Steam
compressors
24 Clutches & hyd-
raulic couplings
26 Steam
re-heaters
28 De-super-
heaters
Stop & manoeuv-
ring valves
30
Main engine
33 driven pumps

Thrust blocks
21 shafts & bearings

Intermediate
23 shafts & bearings

Condensers
25 (main & aux.)

Air ejectors
27 (main & aux.)

Forced &/or induced
29 draught fans

Holding down
31 bolts & chocks good

Detuner or
32 vibration damper

Crankcase doors &
34 explosion relief devices not fitted

35 Have main engines been tested
working & manoeuvring? (To be done
on completion of ES or CS cycle)

36 Essential independent pumps

Bilge, ballast & oil fuel
37 suction lines, fittings & controls

38 Have the remaining piping arrangements
& fittings in the machinery space been
examined as considered necessary?

39 Fresh water coolers good

40 Lub. oil coolers good

41 Heaters (state service)

42 Feed water filters

43 Auxiliary air receivers
& safety devices

44 Starting air pipes good

45 Main air receivers
& safety devices outboard - good

46 Independent air compressors
coolers & safety devices

47 Oil fuel tanks (not forming
part of the hull structure) all good

48 Have all evaporators safety
valves been tested under steam?

Evaporators
49 HP & LP

disconnected 50 Distillers

51 Fire extinguishing arrangements

Steering
52 machinery

53 Windlass good

AUXILIARY ENGINES

Steam Generator Engine good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

N.B.

Condenser Circulating Pump seen.

Philadelphia 21.9.61 and

General Service Pump seen.

Sydney 5.7.60

Fresh Water Cooling Pump - no independent pump fitted

Sydney 5.7.60

The Evaporator has been disconnected from and the steam lines
blanked off as the Owners do not wish to use it.

It is recommended that the following conditions should be
attached to the vessels class, subject to the Evaporator not being
used until it has been surveyed.

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 in
existing particulars in the Register Book should also be reported above.

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