

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 Completion £ **74.0.0.** Damage fee Expenses £ **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)

1	Cyls., covers, pistons & rods	12	Con. rods & top ends
3	Crankpins & bearings	14	Journals & bearings

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

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

Reduction gearing

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.

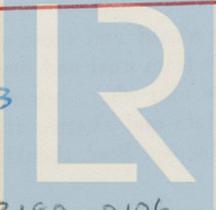
(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

David F. Brooke-Smith
Surveyor to Lloyd's Register of Shipping

Date of Committee Minute

See Chief Minute 20/5/63

ALSO FOR
SPL FOR
TRO
SRL
POSTING
HEADER
CERT



Lloyd's Register Foundation

003175-003180-0106

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21
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	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	35

36 Essential independent pumps

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	Lub. oil coolers	40
Heaters (state service)	41	Feed water filters	42
Auxiliary air receivers & safety devices	43	Starting air pipes	44
Main air receivers & safety devices	45	outboard - good	
Independent air compressors coolers & safety devices	46		
Oil fuel tanks (not forming part of the hull structure)	47	all good	
Have all evaporators safety valves been tested under steam?	48	Evaporators HP & LP disconnected	50
Fire extinguishing arrangements	51	Steering machinery	52
		Windlass	53

AUXILIARY ENGINES

Steam Generator Engine good

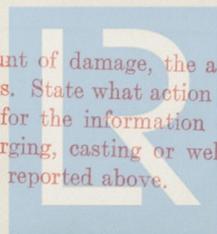
PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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.



© 2020

Lloyd's Register Foundation