

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
-6. DEC. 1965

Ship's Name SS/MS "BERLIN" LR 504 236
 Gross tons 18600 Port of Registry Bremen Port Bremen
 Date of build 11-1925 Is there a rpt. 8? yes Rpt. No. 65/7894
 No. of visits 4 First date 8.11.65 Last date 22.11.65
 Interim Cert. issued & copy herewith? yes Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)
 Date of completing rpt. 24.11.65 Surveyed at, if different from Port above Bremerhaven
 Is a rpt. 9B attached? yes MN Nature of survey CSM
 Survey fees CSM DM 250,-- Damage fee Expenses DM 32,--
 S.A. fee -

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

	Port	starbd.
1 Cyls., covers, pistons & rods		
2 Valves & gears		
3 Con. rods, cross-heads, bearings & guides centre	No. 6 - good	Side
4 Crankpins & bearings centre		Side
5 Journals & bearings	Nos. 4 and 6 - good	No. 8 - good

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

6 Cyls., covers, pistons & rods	7 Con. rods, cross-heads & bearings
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, cross-heads & bearings
13 Crankpins & bearings	14 Journals & bearings

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

16 Casings, rotors, blading, bearings & thrusts	15 Levers
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17 Reduction gearing	19 Superchargers
18 Scavenge blowers	

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) upon completion without special condition regarding the port screw shaft, but subject to any outstanding condition of 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.)

U. G. Laddor
 Surveyor to Lloyd's Register of Shipping
 (K. F. Redderwitz)

Date of Committee

MONDAY 10 JAN 1966

Minute

as now, without
 PORT TS 5.05



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ALSO FOR

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CERT

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. If any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

The condition of any item is to be described as "good" only when it 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 repairs have been effected or it is considered that re-examination or repairs should be made before that date a distinguishing mark should be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21	stb. - good
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	

State
Port P. or
Starboard S.

36 Essential independent pumps Stb. inboard main lub. oil pump - good

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			
Independent air compressors coolers & safety devices	46	Port - good		
Oil fuel tanks (not forming part of the hull structure)	47			
Have all evaporators safety valves been tested under steam?	48	Evaporators HP & LP	49	
Fire extinguishing arrangements	51	Steering machinery	52	
		Distillers	50	
		Windlass	53	

Identify by position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

SR List item: Port screw shaft to be specially examined at forward end of cone by 11/65 (Record of TS(CL) withheld meantime)

Now done: The port screw shaft cone has been specially examined and was also crack detected and found in order.

It is recommended that the above item should now be deleted from the S.R.List and the record of TS(CL) assigned.

Wear and Tear repairs:

Stb. M.E. No.8 main bearing retalled (metal brocken).

Minor repairs to the port air compressor effected.

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.