

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

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

Received London

20. APR. 1966

Ship's Name ~~MS~~ "BERLIN" LR 504 236

Gross tons 18600

Port of Registry Bremen

Port Bremen

Date of build 11-1925

Is there a rpt. 8? no

Rpt. No. 66/8062

No. of visits two

First date 29.3.66

Last date 30.3.66

Interim Cert. issued
& copy herewith? yesDamage rpt. issued
& copy herewith?Last rpt. (H.Q. only) *BMN 66/8002*Date of
completing rpt. 5.4.66

Surveyed at, if different from Port above Bremerhaven

Is a rpt. 9B
attached? no

MN (2533)

Nature of survey CSM

Survey fees

DM 250,--

Damage fee

Expenses

DM 16,--

S.A. fee

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

1 Cyls., covers,
pistons & rods

2 Valves & gears

3 Con. rods, cross-
heads, bearings
& guides centre4 Crankpins &
bearings centre5 Journals &
bearings

Side

Side

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

6 Cyls., covers,
pistons & rods8 Crankpins &
bearings10 Coolers &
safety devices7 Con. rods, cross-
heads & bearings9 Journals &
bearings

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

11 Cyls., covers,
pistons & rods13 Crankpins &
bearings12 Con. rods, cross-
heads & bearings14 Journals &
bearings

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

16 Casings, rotors,
blading, bearings
& thrusts

15 Levers

17 Reduction
gearing18 Scavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed with ~~without~~ fresh record of CSM (with date) upon completion subject to any outstanding condition of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

NOTED BY
CESR
SRL

POSTING

HEADER

CERT

(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

Surveyor to Lloyd's Register of Shipping

(K.H. Fedderwitz)

THURSDAY 28 APR 1966

Deferred for Stbd. Ts

FOR CHAIRMAN
CLASSN. CITEC

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Lloyd's Register
Foundation

All 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. 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.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

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

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks	21	shafts & bearings
Steam compressors	22	Intermediate	23	shafts & bearings
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		32	Detuner or vibration damper
			35	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)
Crankcase doors & explosion relief devices	34			

State
Port P. or
Starboard S.

36 Essential independent pumps Air pump (in boiler room) good
Both forced circulating pumps good

37 Bilge, ballast & oil fuel suction lines, fittings & controls		38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	
39 Fresh water coolers		40 Lub. oil coolers	
41 Heaters (state service)		42 Feed water filters	
43 Auxiliary air receiver* & safety devices	good (in aux. eng. room)	44 Starting air pipes	
45 Main air receivers & safety devices			
46 Independent air compressors coolers & safety devices	port and centre - good		
47 Oil fuel tanks (not forming part of the hull structure)			
48 Have all evaporators safety valves been tested under steam?		49 Evaporators HP & LP	50 Distillers
51 Fire extinguishing arrangements		52 Steering machinery	53 Windlass

Identify
by
position

AUXILIARY ENGINES Port and centre (for air compressors) - good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear and Tear Repairs:

Port Compressor Nos 1+2 gudgeon pin bearings of the air compressor and
Nos 1+4 gudgeon pin bearings of the oil engine remetalled
(excessive wear)

Centre Compressor Nos 1+2 gudgeon pin bearing of the air compressor and
Nos 3+4 gudgeon pin bearings of the oil engine remetalled
(excessive wear)

No 2 air compressor liner replaced by ship's spare

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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