

23 OCT. 1967

Ship's Name SS/MS "Bern" Port Rotterdam
 Processing Number: LR 504247 Gross tons 500 Rpt. No. 66422
 Port of Registry Dordrecht Date of build 1957-3 Is there a rpt. 8? No
 No. of visits 1 First date and Last date 22-9-'67
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued and copy herewith? No. Last rpt. (H.Q. only) ROT 66344
 Date of completing rpt. 9-10-67 Surveyed at, if different from Port above -
 Is a rpt. 9B attached? No. MN 120 Nature of survey Bridge control.
 Survey fees fl. 50,- Damage fee - Expenses fl. 6,-

26 OCT 1967

S.A. fee

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

- 1 Cyls., covers, pistons, rods, valves, including rotary valves, & gears
- 2 Con. rods, crossheads, bearings & guides Side
- 3 Crankpins (incl. eccentrics), webs & bearings Side
- 4 Crankshaft journals & bearings Centre
- 5 Detuner or vibration damper Centre

MAIN ENGINE DRIVEN SCAVENGE PUMPS AND/OR AIR COMPRESSORS (delete as applicable)

- 6 Cyls., covers, pistons & rods
- 7 Con. rods, crossheads, bearings & guides
- 8 Crankpins, webs & bearings
- 9 Journals & bearings
- 10 Levers, links & bearings
- 11 Coolers & safety devices
- 12 Scavenge blowers & superchargers
- 13 Air coolers
- 14 Crankcase & scavenge doors & explosion relief devices

MAIN TURBINES

- 15 Casings, rotors, blading, bearings, thrusts & couplings
- 16 Astern turbine

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship and are in all respects satisfactory for the service on which the ship is intended to ply, namely, international voyages/voyages within the limits

ROT 6¹⁰
(The above declaration applies to sea-going cargo ships of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed with/without fresh record of survey, but without the subject relating to the bridge control equipment, subject to any other outstanding conditions 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).

Date of Committee
Minute

TUESDAY 21 NOV 1967

DS 8/67
AS 8/67

Subject with endorsement (TS record withheld)

ALSO FOR

SPL FOR

TRO

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POSTING

HEADER

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FOR CHAIRMAN CLASSN. CITEE

are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

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". At part or complete Special Surveys those items which are not applicable to the ship

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 re-examination or repairs should be made before

write Rot CSM

MAIN REDUCTION GEARING

17 Pinions & wheels	18 Shafts, bearings & couplings	} State Port P. or Starboard S
19 Exhaust steam turbines (with recip. eng.)	20 Thrust blocks, shafts & bearings	
21 M.E. steam compressors	22 Intermediate shafts & bearings	
23 Clutches & hydraulic couplings	24 Steam re-heaters	
25 De-superheaters	26 Forced &/or induced draught fans	
27 Stop & manoeuvring valves	28 Holding down bolts & chocks	
29 Main engine driven pumps (including fuel injection)		
30 Condensers (main & aux.)	31 Air ejectors (main & aux.)	
32 Have main engines been examined working & manoeuvring?		

33 Essential independent pumps			
34 Bilge, ballast & oil fuel suction lines, fittings & controls	35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?		
36 Fresh water coolers	37 Lub. oil coolers	} Identify by position	
38 Heaters & safety devices including de-aerator (state service)	39 Pressure feed water filters		
40 Auxiliary air receivers & safety devices	41 Starting air pipes		
42 Main air receivers & safety devices			
43 Independent air compressors, coolers & safety devices	44 Oil fuel tanks (not forming part of the hull structure)		
45 Have all evaporators safety valves been tested under steam?	46 Evaporators		47 Distillers
48 Steering machinery	49 Windlass		50 Machinery spare gear

AUXILIARY ENGINES

DOCKING

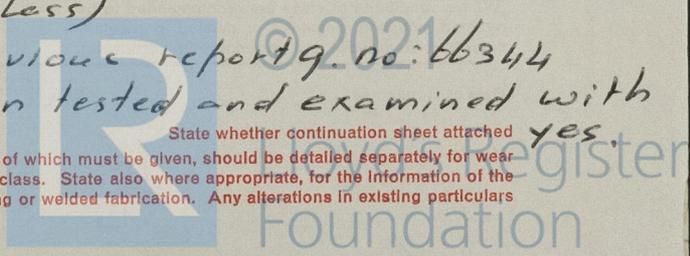
Propeller	Sea connections	Oil gland
Fastenings & gratings		Clearance in stern bush (if relined state clearance before & after)
Has screw/tube shaft been drawn?		Date of examining shaft & condition
Has shaft been changed?		Has shaft now fitted been previously used?
Has shaft now examined/fitted a continuous liner?		Approved oil gland

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Bridge control, (condition of class)
With reference to our previous report no: 66344
the following items have been tested and examined with

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 for 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 be reported above.

State whether continuation sheet attached *yes*



satisfactory results now:

- means to limit the number of automatic start repeats now removed and altered so that no start repeats are automatically carried out.
- means to reduce the r.p.m. to a preset minimum when the Lubricating oil pressure falls below a preset minimum now installed and tested
- alarm for control air tested.
- alarm, indicating electrical failure of the freshwater cooling pump motor now installed and tested.
- control box in wheelhouse internally protected against fires.

All above has now been satisfactorily tested and it is recommended the condition of class relating to the above being now deleted.

A separate report to has now been issued stating that the vessel is suitable for periodically unattended machinery spaces.

