

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

Received London

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

-6. JUL 1966

Ship's Name **SS/MS-** CONDE DE ZUBIRIA (LR 507831)
 Gross tons 3.256 Port of Registry Bilbao Port Bilbao
 Date of build 1-1918 Is there a rpt. 8? No Rpt. No. 14257
 No. of visits 1 First date and Last date 13-6-66
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only) BBO 14066
 Date of completing rpt. 22-6-66 Surveyed at, if different from Port above -
 Is a rpt. 9B attached? No MN (261) Nature of survey Condition of class
 Survey fees Damage fee Expenses
 Condition of class: 1000 pts. 80 pts.

8 JUL 1966

S.A. fee

MAIN ENGINES, RECIPI., 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 centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

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)

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

- 17 Reduction gearing
- 18 Scavenge blowers
- 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of survey and without condition of class regarding reduction gear.

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. When any part has been subject 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

(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

Sgd. A. Saez.
 Surveyor to Lloyd's Register of Shipping

FRIDAY 15 JUL 1966

As now, without spec. condition

013945-013949-0066

ALSO FOR

SPL FOR

TRO NOTED BY GESR

POSTING

HEADER

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|--|-------------------------------------|--------------------------------|
| 20 Exhaust steam turbines (with recip. eng.) | 21 Thrust blocks shafts & bearings | |
| 22 Steam compressors | 23 Intermediate shafts & bearings | |
| 24 Clutches & hydraulic couplings | 25 Condensers (main & aux.) | |
| 26 Steam re-heaters | 27 Air ejectors (main & aux.) | |
| 28 De-superheaters | 29 Forced &/or induced draught fans | |
| 30 Stop & manoeuvring valves | 31 Holding down bolts & chocks | 32 Detuner or vibration damper |
| 33 Main engine driven pumps | | |

State Port P. or Starboard S.

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|---|--|
| 34 Crankcase doors & explosion relief devices | 35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) |
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36 Essential independent pumps

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| 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? |
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| 39 Fresh water coolers | 40 Lub. oil coolers |
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| 41 Heaters (state service) | 42 Feed water filters |
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| 43 Auxiliary air receivers & safety devices | 44 Starting air pipes |
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| 45 Main air receivers & safety devices | |
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| 46 Independent air compressors coolers & safety devices | |
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| 47 Oil fuel tanks (not forming part of the hull structure) | |
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| 48 Have all evaporators safety valves been tested under steam? | 49 Evaporators HP & LP | 50 Distillers |
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| 51 Fire extinguishing arrangements | 52 Steering machinery | 53 Windlass |
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Identify by position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Condition of class: Reduction gear pitted to be specially examined by 1.66.
Now done: Reduction gear has been examined at this time and found satisfactorily.
 In view of the prolongue service this defect was originally encountered it is submitted that the condition of class regarding this item be now deleted.

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.

