

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

Received London

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

27 SEP 1965

Ship's Name **SS/MS "CAMPERO"**
 Gross tons **6382** Port of Registry **Malaga** Port **Barcelona**
 Date of build **5-1934** Is there a rpt. 8? **No** Rpt. No. **8329**
 No. of visits **1** First date **and** Last date **1-9-65**
 Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? Last rpt. (H.Q. only) **BCL 8258**
 Date of completing rpt. **17-9-65** Surveyed at, if different from Port above
 Is a rpt. 9B attached? **No** MN (776) Nature of survey **Cond. of Class**
 Survey fees **1,000,-** Damage fee **40,-** Expenses
2.7% tax 27,- S.A. fee

29 SEP 1965

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 centre | Side |
| 4 | Crankpins & bearings centre | Side |
| | | P. Nos. 1, 3 & 4 + |
| 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)

- | | | | |
|----|---|----|--------|
| 16 | Casings, rotors, blading, bearings, & thrusts | 15 | 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 E.S. with date when the survey has been completed, subject to Starboard M.E., Nos. 1, 2, 3 crankpins to be specially examined for suspected cracks, crack detected and alignment checked by the end of July 1965 and Starboard M.E. crankshaft to be renewed by January 1966 as previously recommended and subject to Port M.E. crankshaft Nos. 1, 3 and 4 crankpins to be specially examined for suspected cracks, crack detected and alignment checked by January 1966 and subject to auxiliary diesel engine Metalocked bed plate to be specially examined by October 1965.

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

Surveyor to Lloyd's Register of Shipping

F. Rodrigo

Date of Committee

Minute

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

013671-013677-0010

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

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

State Port P. or Starboard S.

36 Essential independent pumps

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 receivers & safety devices

44 Starting air pipes

45 Main air receivers & safety devices

46 Independent air compressors coolers & safety devices

Identify by position

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

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

S.R.L. No. 240. Port M.E. Nos. 1, 3 & 4 and Starboard M.E. Nos. 1, 2 and 3 crankpins (cracks ground out) 4, 65 to be cracked detected and shafts alignment checked by 7, 65 (3 months), Starboard M.E. crankshaft to be renewed 1, 66 (9 months) & auxiliary engine bedplate, Metalocked 4, 65 to be specially examined 10, 65 (6 months).

NOW DONE. Received notice for Survey on the 1st September 1965 at 11 am., no surveyors at the office, attended 4 pm and found Starboard M.E. had been boxed up at 2 pm after National authority surveyors had examined this crankshaft.

Examined Port M.E. Nos. 1, 3 and 4 crankpins and crack detected in way of ground out cracks. Found no signs of cracking.

Due to vessels commitments nothing else could be done.

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.

