

REPORT OF **MACHINERY SURVEYS AND REPAIRS**
(ENGINES AND AUXILIARIES)

Received London

10. MAY 1965

Ship's Name ~~SS~~/MS "TOMAR" LR 536414 Gross tons 6410

Is there a rpt. 8? No Port Helsingfors Rpt. No. 1330

No. of visits 1 First date and Last date 3.5.65

Interim Cert. issued & copy herewith? yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only) *Syd 24604*

Date of completing rpt. 4.5.65 Surveyed at, if different from Port above Kotka

Is a rpt. 9B attached? No MN (1992) Nature of survey CSM

Survey fees Fm. 75:-- Damage fee - Expenses Fm. 26:65

S.A. fee - *pt*

12 MAY 1965

MAIN ENGINES, ~~RECIPROCATING~~ I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods
- 2 Valves & gears
- 3 Con. rods, top ends & guides *NO. 3. Good* 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 & top ends
- 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 & top ends
- 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 CSM (with date) upon completion, 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.)

Date of Committee

Minute

See THURSDAY 27 MAY 1965
see 10221.

Lars Löfgren
Surveyor to Lloyd's Register of Shipping
Lars Löfgren

ALSO FOR
SPL FOR
NOTED BY CESR SRL
POSTING
HEADER
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. 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

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		
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

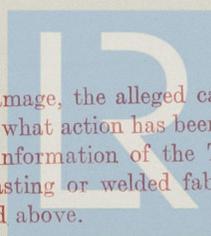
Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

GSM: No.3 top end bearings remetalled, bearings fitted.
Note: Copy of interim cert. forwarded to Oslo Surveyors.

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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