

REPORT OF MACHINERY SURVEYS AND REPAIRS  
(ENGINES AND AUXILIARIES)

Received London

10. MAY 1965

Ship's Name ~~MS~~/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 Damage fee Expenses  
Fm.75:-- - Fm.26:65  
S.A. fee -

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

1	Cyls., covers, pistons & rods	
2	Valves & gears	
3	Con. rods, top ends & guides <del>exam</del>	No.3. Good
4	Crankpins & bearings centre	Side
5	Journals & bearings	Side

## 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)

15	Casings, rotors, blading, bearings & thrusts	16	Lever
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17	Reduction gearing	18	Scavenge blowers	19	Superchargers
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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

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

THURSDAY 27 MAY 1965

*See ose 10221.*

ALSO FOR

SPL FOR

NOTED BY

CESR

SRL

POSTING

HEADER

CERT

Lloyd's Register  
Foundation

004684-004692-0219

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



20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	State Port P. or Starboard S.
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	
33 Main engine driven pumps	32 Detuner or vibration damper	

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

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 retapped, 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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