

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

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

Received London

12. JUL. 1965

Ship's Name SS/MS "TOMAR"

LR 536414

Gross tons 6410 Port of Registry Tonsberg Port Bangkok

Date of build 10-1948 Is there a rpt. 8? No Rpt. No. -235.

No. of visits Two First date 25-6-1965 Last date 27-6-1965

Interim Cert. issued &amp; copy herewith? Yes Damage rpt. issued &amp; copy herewith? No Last rpt. (H.Q. only) Adv. Hoco

Date of completing rpt. 2-7-1965 Surveyed at, if different from Port above -

Is a rpt. 9B attached? Yes MN (1992) Nature of survey ABS; Adv.CSM.

Survey fees		Damage fee	Expenses
ABS.	Tcs. 1,600.-	-	Tcs. 150.-
Adv.CSM.	Tcs. 600.-		

S.A. fee Tcs. 470.-

## 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                      | No.5 - good. 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 |  |
|----|--|----|--|

- |    |                   |    |                  |
|----|-------------------|----|------------------|
| 17 | Reduction gearing | 18 | Scavenge blowers |
|    |                   | 19 | Superchargers    |

I recommend that the machinery of this ship remain as classed with/without fresh record of ABS 6/65 now, and CSM (with date) on completion of the survey, subject to any conditions which may be currently attached to the ship's class being dealt with as previously recommended.

ALSO FOR

SPL FOR

NOTED BY  
CESR MG  
SRL

POSTING

HEADER

CERT

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.) Acting (S. MARQUARDSSEN), Surveyor to Lloyd's Register of Shipping

Date of Committee

WEDNESDAY 21 JUL 1965

Minute

As now, subject  
ABS 6.65FOR CHAIRMAN  
CLASSN. CTTEE

004684-004692-0208

A 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



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

State  
Port P. or  
Starboard S.

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	Aux. blr. feed (motor - ss - outer) - good.

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
51 Fire extinguishing arrangements	50 Distillers
	52 Steering machinery
	53 Windlass

Identify  
by  
position

## AUXILIARY ENGINES

## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

### Advancement of the Continuous Survey of Machinery

#### Wear & Tear Repairs - Main Engine.

White metal bearing surfaces of No.5 crankpin bearings found heavily cracked, with pieces missing.

Bearings now replaced from ship's spares.

(Continued on Rpt. 9B).

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.