

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

18. NOV. 1965

L.R. 536414

Ship's Name ~~SS~~MS "TOMAR", 6410 Gross tons of Tønsberg.

Is there a rpt. 8? Yes Port Oslo. Rpt. No. 10319.

No. of visits 5 First date 22/9-65. Last date 7/10-65.

Interim Cert. issued & copy herewith? Yes. Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)

Date of completing rpt. 15/11-65. Surveyed at, if different from Port above Tønsberg.

Is a rpt. 9B attached? Yes MN 1992 Nature of survey TS and CSM & Condition of class.

Survey fees Damage fee Expenses Kr. 200.-

CSM Kr. 800.-  
TS " 150.-

S.A. fee

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

1 Cyls., covers, pistons & rods No. 7 - good.

2 Valves & gears No. 7 - good.

3 Con. rods, top ends & guides centre Side

4 Crankpins & bearings centre 3, 8 - good. Side

5 Journals & bearings 1, 3, 6, 7 & 8 - good.

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 Both Pumps. Good. 12 Con. rods & top ends Good.

13 Crankpins & bearings Good. 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 TS (CL) 10/65 N. and CSM with date upon completion, and without condition of class concerning aft main fresh water cooler forward end cover, subject to any outstanding conditions of class being dealt with as previously recommended.

For L. Tveit & self.  
S. Person.

S. Person. L. Tveit.

(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

Date of Committee

Minute

FRIDAY 17 DEC 1965

See per 30406

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004664-004692-0198



20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	M.E. - good.	
22 Steam compressors	23 Intermediate shafts & bearings	Nos. 8.9.10&11 - good.	
24 Clutches & hydraulic couplings	25 Condensers (main & aux.)	Auxiliary on platform - good.	
26 Steam re-heaters	27 Air ejectors (main & aux.)		State Port P. or Starboard S.
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)		

36 Essential independent pumps Steam driven feed - 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	50 Distillers
51 Fire extinguishing arrangements	52 Steering machinery	53 Windlass

AUXILIARY ENGINES Aft end port side - good.

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

##### Wear & Tear Repairs:- Screw shaft.

On examination of screwshaft found a crack in way of large end of cone about 13 mm deep all around shaft. Screw shaft rejected and spare screw shaft examined and found good and now fitted. Spare screw shaft found marked:- Lloyd's DTM 320. 13/11/59.

Main Engine:- Bottom halves of Nos. 1&7 journal bearings remetalled (cracked).

Bottom & top halves of No. 8 journal bearing remetalled (cracked).

Aux. Eng aft end p.s.

All piston pins & bushings renewed (worn)  
No. 2 crankbearing remetalled (cracked).

Steam driven feed pump:-

Water end piston rods renewed (worn).

Cont. 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.

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