

L.R. 536414

Ship's Name ~~SS~~ "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. 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

FRIDAY 17 DEC 1965

Minute

*See Gen 30406*

Lloyd's Register Foundation

ALSO FOR

SPL FOR

TRO

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 thrust should 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	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.)	
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 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
51 Fire extinguishing arrangements	50 Distillers
	52 Steering machinery
	53 Windlass

Identify by position

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.