

26. MAY 1966

Ship's Name ~~SS/MS~~ "TOMAR"

LR 536414 6410 Gross tons of Tönsberg

Is there a rpt. 8? **No**

Port HAMBURG

Rpt. No. 15721

No. of visits 6

First date 26.4.66

Last date 5.5.66

Interim Cert. issued  
& copy herewith? yesDamage rpt. issued  
& copy herewith?Last rpt. (H.Q. only) **LYT 6218**Date of  
completing rpt. 6.5.66

Surveyed at, if different from Port above

Is a rpt. 9B  
attached? yes

MN (1992)

Nature of survey CSM, SRL, Repairs

Survey fees

CSM £ 21.0.0

ABS £ 10.10.0

~~x Damage fee~~

Repairs £ 18.0.0

Expenses

£ 4.10.0

S.A. fee

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

1 Cyls., covers,  
pistons & rods No. 4 good

2 Valves &amp; gears No. 4 good

3 Con. rods, top ends  
& guides centre No. 7 good

Side

4 Crankpins &  
bearings centre

Side

5 Journals &  
bearings No. 1 good

## MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6 Cyls., covers,  
pistons & rods7 Con. rods &  
top ends8 Crankpins &  
bearings9 Journals &  
bearings10 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 No. 2 good14 Journals &  
bearings all (2) good

## MAIN TURBINES (State Port—P or Starboard—S)

16 Casings, rotors,  
blading, bearings,  
& thrusts

15 Levers none

17 Reduction  
gearing18 Scavenge  
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed with ~~without~~ fresh record of ABS 5.66 now and CSM (with date) upon completion, subject to any outstanding conditions of class being dealt with as previously recommended, but without special condition concerning the ME Nos. 2 and 4 Lub Oil coolers.

ALSO FOR

SPL FOR

TRO

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.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

(E. Assen).

Minute

MONDAY 20 JUN 1966

See HAN 15751

Lloyd's Register  
Foundation

004684-004692-0173 1/2

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 subject 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  
20 recip. eng.)

22 Steam  
compressors

24 Clutches & hyd-  
raulic couplings

26 Steam  
re-heaters

28 De-super-  
heaters

Stop & manoeuv-  
ring valves

33 Main engine  
driven pumps

21 Thrust blocks  
shafts & bearings

23 Intermediate  
shafts & bearings

25 Condensers  
(main & aux.)

27 Air ejectors  
(main & aux.)

29 Forced &/or induced  
draught fans

31 Holding down  
bolts & chocks

32 Detuner or  
vibration damper

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

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 fwd. centre (No. 2)  
aft (No. 4) both  
good

41 Heaters (state service)

42 Feed water filters

43 Auxiliary air receivers  
& safety devices

44 Starting air pipes

45 Main air receivers  
& safety devices

Identify  
by  
position

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

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

#### Repairs:-

#### Main Engine:-

No. 7 crosshead bearing remetalled (fwd. cracked and loose).

No. 4 cylinder liner replaced by spare, found leakage.

Stamp marks:- LLOYD'S TEST Gen., 100 lbs. 12.11.57.

No. 4 piston overhauled in workshop.

#### Main Engine both attached scavenge pumps:-

Crankshaft re-aligned in way of No. 2 crank, due to badly crankshaft deflection.

Crankpin No. 2 examined by means of magnaflux test, 2 bolts of coupling flange removed, holes examined and all was found good.

On completion crankshaft deflection taken with good results.

#### Circular No. 2173:-

Slots cut in lower face of top plug of boiler water gauge.

(Contd. - 2 -)

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.

Ship's Name: SS/MS "TOMAR"

Port HAMBURG

Rpt. No. 15721

Condition of Class:-

Item " ME Lub Oil coolers Nos. 2 and 4 to be specially examined and dealt with as necessary by 5.66."

Both coolers chemically cleaned, 27 tubes on No. 2 cooler and 31 tubes on No. 4 cooler renewed. Coolers subjected to a hydraulic pressure test of 4,5 kg/cm<sup>2</sup> and all found sound and tight under pressure.

It is recommended the above mentioned item may now be deleted from the S.R. List.

*E. O. O. O.*

