

REPORT OF **MACHINERY SURVEYS AND REPAIRS**  
(ENGINES AND AUXILIARIES)

Received London

Ship's Name ~~SS~~MS "PETER LEIGH"

Gross tons 320

Is there a rpt. 8? No

Port BELFAST

Rpt. No. 19450

No. of visits One

First date and

Last date 6.12.63.

Interim Cert. issued  
& copy herewith? YesDamage rpt. issued  
& copy herewith? No

Last rpt. (H.Q. only) LV 162858

Date of  
completing rpt. 9.1.64.

Surveyed at, if different from Port above -

Is a rpt. 9B  
attached? No

MN -

Nature of survey Damage

Survey fees £ 5. 5. 0.

Damage fee -

Expenses 4/-d.

S.A. fee -

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

1 Cyls., covers,  
pistons & rods

2 Valves &amp; gears

3 Con. rods, top ends  
& guides centre

Side

4 Crankpins &  
bearings centre

Side

5 Journals &  
bearings

## 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 P. & S. - Good12 Con. rods &  
top ends †13 Crankpins &  
bearings †14 Journals &  
bearings †

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

16 Casings, rotors,  
blading, bearings  
& thrusts

15 Levers

17 Reduction  
gearing18 Scavenge  
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~xxx~~ without fresh record of survey subject to repairs to main engine driven scavenge pumps being verified and machinery being examined under working conditions.

(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 FRIDAY 7 FEB 1964

Minute As now subject

Surveyor to Lloyd's Register of Shipping  
(E.F. Butler)

ALSO FOR

SPL FOR

SRL

POSTING

HEADER

CERT

Lloyd's Register  
Foundation

013639-013642-0173 D

At part or complete Special Surveys these 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



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

Crankcase doors & explosion relief devices	34	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	35
--	----	---	----

36 Essential independent pumps

Bilge, ballast & oil fuel suction lines, fittings & controls	37	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	38
Fresh water coolers	39	Lub. oil coolers	40
Heaters (state service)	41	Feed water filters	42
Auxiliary air receivers & safety devices	43	Starting air pipes	44
Main air receivers & safety devices	45		
Independent air compressors coolers & safety devices	46		
Oil fuel tanks (not forming part of the hull structure)	47		
Have all evaporators safety valves been tested under steam?	48	Evaporators HP & LP	49
Fire extinguishing arrangements	51	Steering machinery	52
		Distillers	50
		Windlass	53

## AUXILIARY ENGINES

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

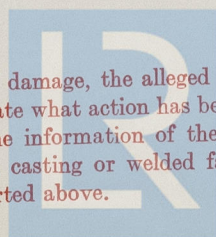
DAMAGE stated due to failure of Starboard scavenge pump bottom end bolts.

### RECOMMENDED REPAIRS:

Attached scavenge pump drive chain, scavenge crank shaft and main bearing roller bearing and housing P. & S. bottom end roller bearings and Starboard connecting rod to renew.

Due to the Surveyor being absent from the Port on trials and the omission of the Repairers to advise that repairs were complete it is recommended that the repairs be verified and the machinery examined under working conditions. It was stated by Repairers that all recommendations were carried out.

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.



© 2021

Royal Naval Register  
Foundation