

11 MAY 1964

Ship's Name ~~SS/MS~~ "FREE MERCHANT" Gross tons 5237  
 Is there a rpt. 8? Yes. Port Piraeus Rpt. No. 10937  
 No. of visits 4. First date 10-4-64 Last date 23-4-64  
 Interim Cert. issued & copy herewith? Yes. Damage rpt. issued & copy herewith? Yes. Last rpt. (H.Q. only)  
 Date of completing rpt. 27-4-64 Surveyed at, if different from Port above Syra & Piraeus.  
 Is a rpt. 9B attached? Yes. MN (436) Nature of survey DS, Gen. Exam., TS, MBS, and Repairs.  
 Survey fees Damage fee Expenses £ 5. 0. 0.  
 Gen. Exam. £ 20. 0. 0.  
 MBS 22.10. 0.  
 TS 10.10. 0.  
 S.A. fee -

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

1 Cyls., covers, pistons & rods L.P.— Good.  
 2 Valves & gears M.P. & L.P. - Good.  
 3 Con. rods, top ends & guides centre L.P. - Good. Side  
 4 Crankpins & bearings centre - Side  
 5 Journals & bearings -

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 12 Con. rods & top ends  
 13 Crankpins & bearings 14 Journals & bearings

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

15 Casings, rotors, blading, bearings, & thrusts 16 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) 4,64 and MBS 4,64, subject to any outstanding conditions of Class being attended to as previously recommended.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

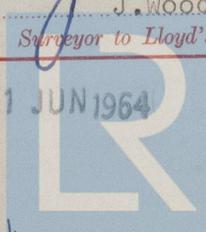
J. Wood  
 Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

THURSDAY 11 JUN 1964

As now  
 TS 4. 64  
 MBS 4. 64



Lloyd's Register Foundation

011805-011812-0271

ALSO FOR

SPL FOR

TR

SRL

POSTING

HEADER

CERT

Where repairs have been effected or it is described fully under defects and repairs

Exhaust steam turbines (with recip. eng.)	20		Thrust blocks shafts & bearings	21	
Steam compressors	22		Intermediate shafts & bearings	23	
Clutches & hydraulic couplings	24		Condensers (main & aux.)	25	Good.
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				35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) Yes.-Good.
Essential independent pumps	36	Main S.W. circulating pump - Good,			
Bilge, ballast & oil fuel suction lines, fittings & controls	37	Good.			38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
Fresh water coolers	39				40 Lub. oil coolers
Heaters (state service)	41				42 Feed water filters
Auxiliary air receivers & safety devices	43				44 Starting air pipes
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 49 HP & LP		50 Distillers
Fire extinguishing arrangements	51		Steering 52 machinery		53 Windlass

**AUXILIARY ENGINES**

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

Wear & Tear Repairs now done.

Main Engine: L.P. piston found with rings stuck and lying hard on the forward side of the cylinder; rings now made free and alignment made good. M.P. and L.P. valve rods machined and now bushes and lower bearings fitted to each rod.

Main condenser: Numerous ferrules, suffering from de-zincification and 6 plugged tubes renewed. Condenser tested on completion and found tight.

Main S.W. circulating pump: Impeller shaft; found worn and grooved in way of gland and bearings, renewed.

General Examination for Postponement of Engine Special Survey:

Main and auxiliary machinery examined under working condition whilst manoeuvring.

Pumping arrangements examined and tested.

Electrical installation megger tested.- Log book examined.

It is recommended that the condition of the machinery is such as to merit postponement of Engine Special Survey until June, 1965.

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.

This is a summary of the main particulars of the machinery of the vessel. It is not intended to be a substitute for the Register Book. It should be kept up to date and should be submitted to the Surveyor on completion of the survey. Where repairs have been effected or it is recommended that the date of the next Postponement Examination be deferred, the date of the next Postponement Examination should be stated.

