

1 JUL 1963

Ship's Name ~~SS~~ **MOBIL FLAME**

Gross tons 17598

Is there a rpt. 8? YES

Port PALERMO

Rpt. No. 964

No. of visits 7

First date 31/5/63

Last date 17/6/63

Interim Cert. issued
& copy herewith? YESDamage rpt. issued
& copy herewith? NO

Last rpt. (H.Q. only)

Date of
completing rpt. 21/6/63

Surveyed at, if different from Port above -

Is a rpt. 9B
attached? YES

MN 2750

Nature of survey Comp. ES., MBS., DS.

Survey fees

Damage fee

Expenses (See Rpt.8)

Compl.ES = Lit. 80.000.=

S.A. fee = Lit. 12.000.=

Turbines

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

1 Cyls., covers,
pistons & rods

2 Valves & 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 & rods12 Con. rods &
top ends13 Crankpins &
bearings14 Journals &
bearings

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

16 Casings, rotors,
blading, bearings
& thrusts

L.P. = GOOD

15 Levers

17 Reduction
gearing18 Scavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of

E.S. 5/62 as previously recommended, and MBS. 6/63 now, subject to any outstanding conditions of class being dealt with, 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.)

Date of Committee **FRIDAY 2 AUG 1963**

Minute

C/o now

ES 5.62 MBS 6.63

(P. A. Loraine)

Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

2863

Exhaust steam turbines (with recip. eng.) 20 Thrust blocks 21 shafts & bearings 22 Steam compressors 23 Intermediate shafts & bearings 24 Clutches & hand-raulic couplings 25 Condensers (main & aux.) 26 Steam re-heaters 27 Air ejectors (main & aux.) 28 De-super-heaters 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

36 Essential independent pumps

37 Bilge, ballast & oil fuel suction lines, fittings & controls

39 Fresh water coolers

41 Heaters (state service)

43 Auxiliary air receivers & safety devices

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?

51 Fire extinguishing arrangements

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) NO

38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

40 Lub. oil coolers

42 Feed water filters

44 Starting air pipes

Evaporators 49 HP & LP

50 Distillers

Steering 52 machinery

53 Windlass

AUXILIARY ENGINES

INBOARD TURBO GENERATOR AUXILIARY ENGINE & GEARING = GOOD.

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

PLEASE SEE FOLLOWER SHEET.

pt. 9 A (cont.) 1

Ship's Name SS/MS "MOBIL FLAME"

Port PALERMO

Rpt. No. 964

The engine survey was commenced at Palermo as per Report N° 792 of 23/5/62 when a date of 5/62 was recommended on completion.

S.R.L. Appendix - Examination:-

At Owners' representative's request L.P. turbine opened out for examination of erosion on aft stage of rotor blading etc. as per entry in S.R.L. Appendix.

Now done:-

L.P. turbine diaphragms examined and slight distortion noted, considered satisfactory.

Shrouding on 1st, 2nd & 3rd stages of rotor blading showing signs of slight rubbing and considered satisfactory.

Last stage of rotor blading eroded on outer section of leading edge 2,3/4" approximately from shrouding and maximum depth of 3/16" and considered satisfactory; to remain as previously recommended in the S.R.L. Appendix.

S.R.L. Appendix - Examination:-

At Owners' representative's request outboard turbo generator turbine opened out, examined and found satisfactory, rotor tested for dynamic balance and found satisfactory, and one section of blades in last stage found cut out.

All fixed blades examined and all nozzle blade shrouding found slightly rubbed on inlet side, considered efficient and it is recommended that this item remain as previously recommended in the S.R.L. Appendix.

At Owners' representative's request new Blackmer emergency fire pump fitted to existing installation and found satisfactory.

Sea suction and foot valve overhauled and pump tested on completion and found satisfactory.

Pump marked N° N 4 I 4 3 1 4 MOD. G L B S 12 B H P at 1800 RPM.

No certificate or marks available.

R. A. Loraine
(R.A. Loraine)



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Lloyd's Register
Foundation

(MADE AND PRINTED IN ENGLAND)

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.