

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

25 NOV 1963

Ship's Name SS/MR "MOBIL FLAME"

Gross tons 17598

Is there a rpt. 8? no

Port of Rotterdam

Rpt. No. 57176

No. of visits 3

First date 27-10-63

Last date 15-11-63

Interim Cert. issued
& copy herewith?

yes

Damage rpt. issued
& copy herewith?

no

Last rpt. (H.Q. only)

PAL 964

Date of
completing rpt.

31-10-63

Surveyed at, if different from Port above

Pernis

Is a rpt. 9B
attached?

yes

MN 2750

Nature of survey

Dam.rep. to windlass
and forced draught fan-
motor.

Survey fees

Damage fee Fl. 80,--

Expenses

£ 32.50

Elec. fee " 100,--

S.A. fee Sunday Fl. 30,--

MAIN ENGINES, RECIP., 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

15 Levers

17 Reduction
gearing18 Scavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~and~~ without fresh record of(Where conditions of class are recommended to
be retained, imposed, amended or deleted, particulars
must be stated above and on the interim certificate.)M.Th.Putting & F.P.Crum.
Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

THURSDAY 12 DEC 1963

As now

Lloyd's Register
Foundation

ALSO FOR

SPL FOR

T.O.

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POSTING

HEADER

CERT

At port 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
thereon 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 Examina-
tion. Where repairs have been effected or it is

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

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

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

Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Attended on board on request of Captain.

Damage stated to have been sustained on the 26th October, 1963 on arrival at this port.

Windlass:

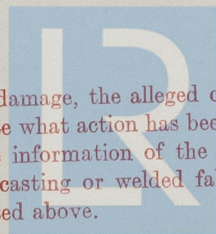
Found piston rod on port cylinder of steam driven windlass broken and cylinder cover broken in pieces by piston.

Now done, spare piston rod fitted with same piston, built up steel cylinder cover made and fitted, windlass examined working and found satisfactory.

Starboard forced draught fan electric motor: commutator damaged and spare armature fitted with new ball bearings, new brushes fitted and examined working after repairs.

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.

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