

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

Ship's Name SS/MSX

"GEMMA"
LR.512747

Gross tons 5739

Is there a rpt. 8?

No

Port SINGAPORE.

Rpt. No. 18241

No. of visits

One

First date

AND

Last date 7-5-65.

Interim Cert. issued
& copy herewith?

Yes

Damage rpt. issued
& copy herewith?

NO

Last rpt. (H.Q. only) (NG. 1750).

Date of
completing rpt. 10-5-65.

Surveyed at, if different from Port above

Is a rpt. 9B
attached?

No

MN (730)

Nature of survey Condition of Class.

Survey fees \$90.

Damage fee

Expenses \$ 7.

L.H. \$17.

S.A. fee

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 &
bearings16 MAIN TURBINES (State Port—P or Starboard—S)
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 with/without fresh record of CSM (with date) when the survey has been completed subject to Starboard Main Engine L.P. cylinder (upper rib cracked) being specially examined and dealt with as necessary by August 1965 (3 mos), to any other conditions at present attached to the vessel's Class being dealt with as previously recommended and without special condition regarding Port Main Engine L.P. cylinder.

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

TUESDAY 11 JUN 1965

Minute

Deferred for MBS.

Subject

FOR CHAIRMAN
CLASSN. CITELloyd's Register
Foundation

003926-003936-0231

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 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 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-
30 ring valves

Main engine
33 driven pumps

Thrust blocks
21 shafts & bearings

Intermediate
23 shafts & bearings

Condensers
25 (main & aux.)

Air ejectors
27 (main & aux.)

Forced &/or induced
29 draught fans

Holding down
31 bolts & chocks

Detuner or
32 vibration damper

State
Port P. or
Starboard S.

Crankcase doors &
34 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
37 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

41 Heaters (state service)

42 Feed water filters

43 Auxiliary air receivers
& safety devices

44 Starting air pipes

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?

Evaporators
49 HP & LP

50 Distillers

51 Fire extinguishing arrangements

Steering
52 machinery

53 Windlass

Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

SRL No. 234

"(p&s) L.P. cyls. (Metalocked 2/63) to be specially examined by 4/65"

The Metalock repair to the Port Main Engine L.P. cylinder was found to continue efficient and it is submitted this item may now be deleted from the Special Reasons List and included in the SRL Appendix to read "Port Main Engine L.P. cylinder Metalocked".

The Metalock repair to the Starboard Main Engine L.P. cylinder was also found efficient but a new crack was noted, this crack being approximately 2½" long at a position approximately 2" above original. Due to cargo commitments and to the probability of the ship being broken up in approximately 3 months' time, the end of this new crack has been drilled and it is recommended the Starboard Main Engine L.P. cylinder (upper rib cracked) be specially examined and dealt with as necessary by August, 1965 (3 mos) - considered efficient for this period.

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.

Foundation