

Ship's Name **SS/MS "WINNIPEG"** Gross tons **2383**
 Is there a rpt. 8? **Yes** Port **Toronto** Rpt. No. **4722**
 No. of visits **One** First date **20-2-63** Last date **26-4-63**
 Interim Cert. issued & copy herewith? **No** Damage rpt. issued & copy herewith? **No** Last rpt. (H.Q. only)
 Date of completing rpt. **30-4-63** Surveyed at, if different from Port above
 Is a rpt. 9B attached? **Yes** MN **-** Nature of survey **Part ES**
 Survey fees **\$120.00** Damage fee Expenses **Refer Rpt. 8(L)**

R.F.B. No. **Tto-635** May **6/63**

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 & 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 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 **MBS 4/63**

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

K. Bulman Surveyor to Lloyd's Register of Shipping

Date of Committee Minute

THURSDAY 4 JUL 1963
 MBS 4,63.



Lloyd's Register Foundation

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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.
 must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".
 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

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|---|----|----------------------------------|----|-----------------------------|
| Exhaust steam turbines (with recip. eng.) | 20 | Thrust blocks | 21 | shafts & bearings |
| 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 | Detuner or vibration damper |
| Main engine driven pumps | 33 | | | |

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

36 Essential independent pumps

37 Bilge, ballast & oil fuel 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? 49 Evaporators HP & LP 50 Distillers

51 Fire extinguishing arrangements **Good** 52 Steering machinery **Good** 53 Windlass

AUXILIARY ENGINES

Steam Generator Port Side - Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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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