

Ship's Name ~~SS/MS~~ "LORD KELVIN"

Gross tons 2641

Is there a rpt. 8? **Yes**

Port Halifax, N.S.

Rpt. No. 8389

No. of visits 8

First date 16/1/64

Last date 19/2/64

Interim Cert. issued & copy herewith? **Yes**

Damage rpt. issued & copy herewith?

Last rpt. (H.Q. only)

Date of completing rpt. 20/2/64

Surveyed at, if different from Port above

Is a rpt. 9A attached? **No**

MN 380

Nature of survey M.B.S., S.P.S. & G.E. & DGE.

Survey fees

Damage fee \$60.00

Expenses \$5.00

M.B.S. - \$100.00

\$5.00

S.P.S. - 50.00

5.00

Gen.Ex. - 100.00

5.00

S.A. fee

DOCKING

Propellers - Good

Sea connections -

Oil gland -

Fastenings Good

Wear down of stern bushes -Port 5/32"

Has screw ~~lock~~ shaft been drawn? **No**

-Starboard 5/32"

Has shaft been changed? -

Date of examn.

Has shaft now fitted been previously used? -

Has shaft now examined/fitted a continuous liner? -

Approved oil gland? -

BOILERS OPENED UP AND EXAMINED. (Identify by position and state latest date of internal examination of each boiler.)

AUXILIARY, DONKEY OR PRESS (State if oil fired—OF or exhaust gas—EG)

MAIN

O.F. Starboard Blr. 17/1/64
Port Blr. - 7/2/64

Air heaters

Good

Superheaters

-

Safety valves

Good

Mountings, doors and fastenings

Good

Safety valves adjusted to { Sat
Spt

190 P.S.I. on 19/2/64

Boiler securing arrangements

Good

Main economisers

Exhaust gas heated economisers

Steam heated steam generators

Steam generator safety valves adjusted to

Forced circulating pumps

Funnel Good

Have saturated steam pipes in cylindrical boiler smoke boxes been examined as required by the Rules?

Were oil burning system & remote controls examined in accordance with rules? **Yes**

WE ~~XX~~ recommend that the machinery of this ship remain as classed with ~~XXXX~~ fresh record of

M.B.S. 2/64 and S.P.S. 2/64 and that the Special Survey (due 2/64) be postponed until 2/65.

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.)

Date of Committee

THURSDAY 5 MAR 1964

L.M. Mathers & A.L. McIntosh
Surveyor to Lloyd's Register of Shipping

(L.M. MATHERS & A.L. MCINTOSH)

Minute

As now

MBS 2.64

SPS 2.64

014287-014299-0279 1/2

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



EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN Steel - All tested 400 P.S.I. and found in order.
 AUXILIARY (over 3" bore) None.

Have saturated pipes in cylindrical boiler smoke boxes been tested? None.

Were selected copper pipes annealed? None.

ELECTRICAL EQUIPMENT

PROPULSION (State Port—P, or Starboard—S)		AUXILIARY
Total kW or kVA		Total kW or kVA
a Generators		l Generators & governors
b Exciters		
c Air coolers		m Motors
d Motors		
e Air coolers		n Switchboards & fittings
Control gear		o Circuit breakers
f cables, etc.		p Cables
Insulation		q Insulation resistance Good
g resistance		r Steering gear generators & motors
Insulating		s Navigation light indicators
h oil test		
Overspeed		
i governors		
j Magnetic couplings		
k Air gap		

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Damage stated to have been done when Vessel's port propeller struck the Wharf when leaving Rimouski, P.Q. for cable grounds on 7th October, 1963.

Damage Found:- One blade of the cast steel built up four bladed port propeller broken and the upper 20" of blade tip missing.

The blade opposite the broken blade serrated at blade tip and cracked in way of an old welded repair.

Permanent Damage Repairs Now Done:- Port propeller removed. Vessels 2 spare bladed fitted to boss. Screwshaft taper examined, magnofluxed, clock gauged for straightness and all found in order. Propeller replaced on shaft.

Repairs due to wear and tear:-

Starboard boiler:- 4 combustion chamber stays renewed.
 Blow down valve chest removed, bored and new valve & seat fitted.

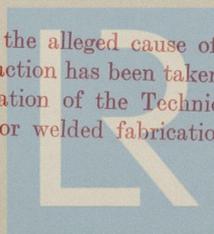
Port boiler:- 8 stay tubes removed for examination of slight surface grooving between these tubes in centre combustion chamber back tube plate.

Slight surface grooving specially examined, built up by welding and ground smooth & 8 new stay tubes fitted. Boiler tested on completion of repairs and proved tight.

Please refer to letter of approval from London dated 16/12/63 for General Examination to be held for Postponement of Special Survey.

(Continued.....)

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 be reported above.



Ship's Name SS/~~MS~~ "LORD KELVIN"

Port Halifax, N.S. Rpt. No. 8389

Now Done for General Examination for Postponement of Special Survey:-

It was ascertained from the Chief Engineer that the vessels machinery and bilge pumping were satisfactory.

The electric circuits were megger tested and found satisfactory.

The main engines and steering gear were seen satisfactorily operating under working conditions.

It is considered that the Machinery of this Ship is in satisfactory condition and it is recommended that the Special Survey (due 2/64) be postponed until 2/65 as requested by the Owners.

L. M. Mathers & A. L. McIntosh

(L.M.MATHERS & A.L.MCINTOSH)
Surveyors To Lloyd's Register Of Shipping.

