

Working pressure by Rules **250** Are the stays drilled at the outer ends **NO** Margin stays: Diameter **17/8"**
 No. of threads per inch **9** Area supported by each stay **9.5"** Working pressure by Rules **-**
 Tubes: Material **S** External diameter **3"** Thickness **8WG** No. of threads per inch **9**
 Pitch of tubes **4 1/8" + 4 1/4"** Working pressure by Rules **231** Manhole compensation: Size of opening in
 shell plate **16 1/2" x 20 1/2"** Section of compensating ring **3-3 + 3-0 + 1-0/8"** No. of rivets and diameter of rivet holes **26 at 1 2 1/32"**
 Outer row rivet pitch at ends **11 1/4"** Depth of flange if manhole flanged **3 3/4"** Steam Dome: Material
 Tensile strength Thickness of shell Description of longitudinal joint
 Diameter of rivet holes Pitch of rivets Percentage of strength of joint
 Internal diameter Working pressure by Rules Thickness of crown No. and diameter of
 stays Inner radius of crown Working pressure by Rules
 How connected to shell Size of doubling plate under dome Diameter of rivet holes and pitch
 of rivets in outer row in dome connection to shell

Type of Superheater **North Eastern Marine** Manufacturers of
 Number of elements Material of tubes Internal diameter and thickness of tubes
 Material of headers **For particulars see Newcastle Carl. No. 4434** Can be shut off and
 the boiler be worked separately **Yes** Is a safety valve fitted to every part of the superheater which can be shut off from the boiler **Yes**
 Area of each safety valve **3.1416** Are the safety valves fitted with easing gear **Yes** Working pressure as per
 Rules **220** Pressure to which the safety valves are adjusted **220** Hydraulic test pressure:
 tubes **440 lbs** forgings and castings **440 lbs** and after assembly in place **Yes** Are drain cocks or
 valves fitted to free the superheater from water where necessary **Yes**
 Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with **Yes**

The foregoing is a correct description,
 For JOHN G. KINCAID & CO. LIMITED.
W. Carter Director, Manufacturer.

Dates of Survey { During progress of work in shops - - }
 while building { During erection on board vessel - - - }
 SEE MACHINERY REPORT Are the approved plans of boiler and superheater forwarded herewith **2-12-36**
 (If not state date of approval.)
 Total No. of visits

Is this Boiler a duplicate of a previous case **Yes** If so, state Vessel's name and Report No. **7 1/2" blue Fortis Ltd. Reg. No. 20662**

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) **These boilers have been built under special survey in accordance with the approved plans & the workmanship & material are of good quality. They have now been securely fitted on board. Plus Report accompanying that of the Machinery**

Survey Fee **Charged on Mailed Bill** : :
 Travelling Expenses (if any) £ : :
 When applied for, 10
 When received, 10

W. Gordon-Mitchell & Seal
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 28 FEB 1939**
 Assigned **SEE ACCOMPANYING MACHINERY REPORT.**

