

Working pressure by Rules 230 lbs Are the stays drilled at the outer ends no Margin stays: Diameter 2"
 No. of threads per inch 9 Area supported by each stay 104.6" Working pressure by Rules 236 lbs
 Tubes: Material S.S. Steel External diameter 8 1/2" Thickness 3/8" No. of threads per inch 9
 Pitch of tubes 3 3/4" x 3 3/4" Working pressure by Rules WWS 953 lbs Manhole compensation: Size of opening in
 shell plate 1-9/8" x 1-5/8" Section of compensating ring 13 1/2" x 1 9/16" No. of rivets and diameter of rivet holes 32 @ 1 3/8"
 Outer row rivet pitch at ends 11 1/4" Depth of flange if manhole flanged 4 1/2" Steam Dome: Material none
 Tensile strength _____ Thickness of shell _____ Description of longitudinal joint _____
 Diameter of rivet holes _____ Pitch of rivets _____ Percentage of strength of joint Plate
 Internal diameter _____ Working pressure by Rules _____ Thickness of crown _____ Rivets _____
 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 none Manufacturers of Tubes
 Number of elements _____ Material of tubes _____ Steel castings _____
 Material of headers _____ Tensile strength _____ Thickness _____ Can the superheater be shut off and
 the boiler be worked separately _____ Is a safety valve fitted to every part of the superheater which can be shut off from the boiler _____
 Area of each safety valve _____ Are the safety valves fitted with casing gear _____ Working pressure as per
 Rules _____ Pressure to which the safety valves are adjusted _____ Hydraulic test pressure:
 tubes _____ castings _____ and after assembly in place _____ Are drain cocks or valves fitted
 to free the superheater from water where necessary _____

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with _____
 THE NORTH EASTERN MARINE ENGINEERING CO., LTD.
 The foregoing is a correct description,
W. R. Butler Secretary, Manufacturer.

Dates of Survey See Mech Report Are the approved plans of boiler and superheater forwarded herewith Yes
 while building During erection on board vessel - - - (If not state date of approval.)
 Total No. of visits _____

Is this Boiler a duplicate of a previous case _____ If so, state Vessel's name and Report No. _____

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
These Boilers have been built under Special Survey. Materials & workmanship good. Hydraulic tests satisfactory. They have been efficiently installed & fired in the vessel, examined under steam & safety valves adjusted.

Survey Fee ... £ : : When applied for, 19
 Travelling Expenses (if any) £ ✓ : : When received, 19

William Butler
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 22 JUL 1930
 Assigned See Rot. F.E. 19474

