

# REPORT ON BOILERS.

No. 14054 d

Received at London Office

27 JAN 1953

Writing Report 7th Jan 1953 When handed in at Local Office 1953 Port of Copenhagen  
 Survey held at Annen & Elsinore Date, First Survey 6th Sept. 1951 Last Survey 2nd Jan. 1953  
 on the STEEL SC. KIRSTEN SKOU (Number of Visits 22) Gross 4153 Tons Net 2286  
 By whom built Salomonsi Skibstøft & Maskinfabrikker A/S Yard No. 308 When built 1953  
 By whom made Salomonsi Skibstøft & Maskinfabrikker A/S Engine No. 450 When made 1952  
 By whom made Salomonsi Skibstøft & Maskinfabrikker A/S Boiler No. When made  
 Port belonging to Copenhagen

## ICAL BOILER.

By whom made Annen Co. Annen Boiler No. 17952 When made 1951 Where fixed ER, floor level 5.5.  
 Manufacturers of Steel Thorne Lee Glasgow Ref. N: 78134.  
 Heating Surface of Boiler Is forced draught fitted Coal or Oil fired  
 Description of Boilers Working Pressure  
 By hydraulic pressure to Date of test No. of Certificate  
 fire grate in each Boiler No. and description of safety valves to each boiler  
 each set of valves per boiler { per Rule as fitted Pressure to which they are adjusted 105 lb/sq. in. Are they fitted with easing gear Yes  
 whether steam from main boilers can enter the donkey boiler No Smallest distance between boiler or uptake and bunkers  
 work Is oil fuel carried in the double bottom under boiler No Smallest distance between base of boiler and tank top plating 1200 mm  
 Is the base of the boiler insulated Yes Largest internal dia. of boiler Height  
 plates: Material Tensile strength Thickness  
 shell plates welded or flanged If fusion welded, state name of welding firm  
 the requirements of the Rules for Class I vessels been complied with Description of riveting: circ. seams { end inter  
 Dia. of rivet holes in { circ. seams long. seams Pitch of rivets Percentage of strength of circ. seams { plate rivets  
 longitudinal joint { plate rivets combined Thickness of butt straps { outer inner Shell Crown: Whether complete hemisphere, dished or partial  
 Material Tensile strength Thickness  
 Description of Furnace: Plain, spherical, or dished crown Material  
 strength Thickness External diameter { top bottom Length as per Rule  
 support stays circumferentially and vertically Are stays fitted with nuts or riveted over  
 of stays over thread Radius of spherical or dished furnace crown  
 of Ogee Ring Diameter as per Rule { D d  
 Combustion Chamber: Material Tensile strength Thickness of top plate  
 if dished Thickness of back plate Diameter if circular  
 as per Rule Pitch of stays  
 stays fitted with nuts or riveted over Diameter of stays over thread  
 plates: Material { front back Tensile strength Thickness Mean pitch of stay tubes in nests  
 rising shell, dia. as per Rule { front back Pitch in outer vertical rows Dia. of tube holes FRONT { stay plain BACK { stay plain  
 alternate tube in outer vertical rows a stay tube  
 to Combustion Chamber Tops: Material Tensile strength  
 and thickness of girder at centre Length as per Rule  
 apart No. and pitch of stays in each

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Crown Stays: Material ☒ Tensile strength ☒ Diameter { at body of stay, ☒ or over threads ☒  
 No. of threads per inch ☒ Screw Stays: Material ☒ Tensile strength ☒  
 Diameter { at turned off part, ☒ or over threads ☒ No. of threads per inch ☒ Are the stays drilled at the outer ends ☒  
 Tubes: Material ☒ External diameter { plain ☒ stay ☒ Thickness { ☒  
 No. of threads per inch ☒ Pitch of tubes ☒  
 Manhole Compensation: Size of opening in shell plate ☒ Section of compensating ring ☒ No. of rivets and of rivet holes ☒ Outer row rivet pitch at ends ☒ Depth of flange if manhole flanged ☒  
 Uptake: External diameter ☒ Thickness of uptake plate ☒  
 Cross Tubes: No. ☒ External diameters { ☒ Thickness of plates ☒

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with ☒

The foregoing is a correct description  
 HELSINGØR SKIBSVÆRFT OG MASKINBYGGERI  
 AKTIESELSKAB

Dates of Survey while building { During progress of work in shops - - 14  
 During erection on board vessel - - 1952: 1/10-7/10-23/10-19/11-24/11-19/12-23/12-2/1-5/1  
 Is the approved plan of boiler forwarded herewith (If not state date of approval.) No.  
 Total No. of visits 14 + 8 = 22

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.)

The above Donkey boiler has been installed  
 aboard under Special Licence in accordance with the Rules and  
 requirements contained in the Secretary's letters.  
 On completion the Safety valves were adjusted  
 under steam to the working pressure and the accommodation test  
 required by the Rules carried out with satisfactory result.

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

TUES. 10 FEB 1953

Date  
 Committee's Minute *See F.E. meeting rpt.*

Engineer Surveyor to Lloyd's Register of Shipping



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