

REPORT ON BOILERS.

No. 21210

23 NOV 1964

Received at London Office

Date of writing Report 19... When handed in at Local Office 19... Port of Copenhagen

No. in Survey held at Nakskov Date, First Survey 26/5 Last Survey 2/10 1964
 Reg. Book. 41965 on the m.s. "BIJSK" (Number of Visits 11) Tons Gross 10684 Net 5950

Built at Nakskov By whom built A/S Nakskov Skibsværft Yard No. 172 When built 1964
 Engines made at Copenhagen By whom made A/S Burmeister & Wain Engine No. 7211 When made 1964
 Boilers made at Aalborg By whom made Aalborg Værft A/S Boiler No. 2174 When made 1963
 Owners U.S.S.R. Port belonging to Odessa

Auxiliary For further particulars please see Aalborg Report No. Abg. 21210

VERTICAL/BOILER.

Made at Aalborg By whom made Aalborg Værft A/S Boiler No. 2174 When made 1963
 In a separate boiler room at the fwd. end Where fixed of engine room portside.

Manufacturers of Steel.....
 Total Heating Surface of each Boiler..... Is forced draught fitted..... Coal or Oil fired.....

No. and Description of Boilers..... Working Pressure 100 lbs.

Tested by hydraulic pressure to..... Date of test..... No. of Certificate.....

Area of fire grate in each Boiler..... No. and description of safety valves to each boiler 2 - direct spring loaded 56 mm diam. ordinary type

Area of each set of valves per boiler { per Rule..... as fitted..... Pressure to which they are adjusted 100 lbs Are they fitted with easing gear yes

State whether steam from main boilers can enter the donkey boiler No main boilers Smallest distance between boiler or uptake and bunkers or woodwork No woodwork

Is oil fuel carried in the double bottom under boiler..... Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated..... Largest internal dia. of boiler..... Height.....

Shell plates: Material..... Tensile strength..... Thickness.....

Are the shell plates welded or flanged..... If fusion welded, state name of welding firm.....

Have all the requirements of the Rules for Class I vessels been complied with..... Description of riveting: circ. seams { end..... inter.....

long. seams..... Dia. of rivet holes in { circ. seams..... long. seams..... Pitch of rivets { Thickness of butt straps { outer..... inner.....

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat..... Material..... Tensile strength..... Thickness.....

Radius..... Description of Furnace: Plain, spherical, or dished crown..... Material.....

Tensile strength..... Thickness..... External diameter { top..... bottom..... Length as per Rule.....

Pitch of support stays circumferentially..... and vertically..... Are stays fitted with nuts or riveted over.....

Diameter of stays over thread..... Radius of spherical or dished furnace crown.....

Thickness of Ogee Ring..... Diameter as per Rule { D..... d.....

Combustion Chamber: Material..... Tensile strength..... Thickness of top plate.....

Radius if dished..... Thickness of back plate..... Diameter if circular.....

Length as per Rule..... Pitch of stays.....

Are stays fitted with nuts or riveted over..... Diameter of stays over thread.....

Tube Plates: Material { front..... back..... Tensile strength { Thickness { Mean pitch of stay tubes in nests.....

comprising shell, dia. as per Rule { front..... back..... Pitch in outer vertical rows { Dia. of tube holes FRONT { stay..... plain..... BACK { stay..... plain.....

each alternate tube in outer vertical rows a stay tube.....

Girders to Combustion Chamber Tops: Material..... Tensile strength.....

Depth and thickness of girder at centre..... Length as per Rule.....

Distance apart..... No. and pitch of stays in each.....



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 diameter
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,

Manufacturer _____

Dates of Survey while building { During progress of work in shops - - } Is the approved plan of boiler forwarded herewith Yes
(If not state date of approval.)
{ During erection on board vessel - - - } 26/5 - 9/6 - 10/7 - 4/8 - 11/8 Total No. of visits 11
18/8 - 4/9 - 11/9 - 15/9 - 18/9 - & 2/10-64

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.) This boiler has been fitted on board
under special survey in accordance with the requirements of the Rules.
On completion of the installation the boiler was examined under steam and the safety valves
adjusted to 100 lbs. and the accumulation tested and found in order.

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

R. Hansen
Engineer Surveyor to Lloyd's Register of Shipping.

Date FRIDAY 15 JAN 1965
Committee's Minute *See Rpt-1.*