

# 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) Gross 10684 Tons 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.** In a separate boiler room at the fwd. end  
Made at Aalborg By whom made Aalborg Værft A/S Boiler No. 2174 When made 1963 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 Pressure to which they are adjusted 100 lbs Are they fitted with easing gear yes  
as fitted

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 Pitch of rivets Thickness of butt straps { outer inner.  
long. seams

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



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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,.....No. of threads per inch.....Are the stays drilled at the outer ends.....  
or  
over threads.....

Tubes: Material.....External diameter { plain.....Thickness {  
stay.....

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

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

Engineer Surveyor to Lloyd's Register of Shipping.



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