

REPORT ON BOILERS.

No. F.E.M. 060 13 MAR 1962

Received at London Office

Date of writing Report 25-2-1962

When handed in at Local Office

Port of G D A N S K

No. in Survey held at Gdansk
Reg. Book.

Date, First Survey 26 July 1961 Last Survey 16 Feb. 1962

on the M.T. "BALACLAVA"

(Number of Visits) Gross 13269,91
Tons Net 8670,18

Built at Gdansk

By whom built Stocznia Gdanska

Yard No B70/2 When built 1960-61

Engines made at Poznan

By whom made H. Cegielski-Sulzer Poznan

Engine No. When made

St. Receiver

made at Gdansk

By whom made Stocznia Gdanska

Boiler No. 1682 When made 1961

Owners U.S.S.R. Ministry of Shipping

Port belonging to R I G A

Steam Receiver

Made at Gdansk

By whom made Stocznia Gdanska

Boiler No. 1682

When made 1961

Blr. Room Upper
Plate Stbds.

Manufacturers of Steel Huta "Jedność"; Huta "Batory"- Poland

Total Heating Surface of each Boiler

Is forced draught fitted

Coal or Oil fired

No. and Description of Boilers Steam Receiver Polish design LA 5/IV

Tested by hydraulic pressure to 22,5 kgs/cm²

Date of test 23rd Aug. 1961

Working Pressure 12,5 kgs/cm²

No. of Certificate GdK 083

Area of fire grate in each Boiler

No. and description of safety valves to each boiler One - twin improved high lift

Area of each set of valves per boiler { per Rule 1605 mm²
as fitted 3920 mm²

Pressure to which they are adjusted

Are they fitted with easing gear Yes

State whether steam from main boilers can enter the donkey boiler No Main Boilers

or woodwork Is oil fuel carried in the double bottom under boiler

Smallest distance between boiler or uptake and bunkers

Is the base of the boiler insulated

Largest internal dia. of boiler 1376 mm Height 1750 mm

Shell plates: Material SM Steel

Tensile strength 41-47 kgs/mm²

Thickness 12 mm

Are the shell plates welded or flanged welded

If fusion welded, state name of welding firm Stocznia Gdanska - Boilershop

Have all the requirements of the Rules for Class I vessels been complied with Yes

Description of riveting: circ. seams { end -
inter -long. seams Dia. of rivet holes in { circ. seams - Pitch of rivets { - Thickness of butt straps { outer -
long. seams - Dished part. inner -

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat spherical

Material SM Steel Tensile strength 41-47 kgs/mm² Thickness 15 mm

Radius 1205 mm

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

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

Is each alternate tube in outer vertical rows a stay tube

Girders to Combustion Chamber Tops: Material

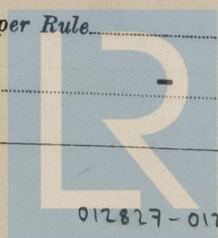
Tensile strength

Depth and thickness of girder at centre

Length as per Rule

Distance apart

No. and pitch of stays in each



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