

REPORT ON WATER TUBE BOILERS.

No. 35215
JAN 1960

Date of writing Report 4th Jan. 1960 When handed in at Local Office 10-1-1960 Port of ANTWERP Received at London Office 28 JAN 1960

No. in Survey held at Tamise Date, First Survey 17/6/59 Last Survey 5.12.1959

Reg. Book No. 40444 on the m.v. "HECTOR HAWK" (Number of Visits 12) Gross 16300 Tons Net 12

Built at Tamise, Belgium By whom built J. Boel & Son S/A. Yard No. 1362 When built 1959-12

Engines made at Copenhagen By whom made Messrs. Burmeister & Wain Engine No. 6488 When made 1959-2

Boilers made at Aalborg By whom made Aalborg Vaerft A/S. Boiler No. 1732-33 When made 1951-1

Area for Register Book 30140 sq. ft. (280m²) Owners Hector Whaling Ltd. Port belonging to London

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel.

Date of Approval of plan _____

No. and Description or Type _____

Working Pressure _____ Tested by Hydraulic Pressure to _____ Date of Test _____

Can each boiler be worked separately _____ Total Heating Surface of Boilers _____

Is forced draught fitted _____ Area of Fire Grate (coal) in each Boiler _____ Superheaters _____

No. and type of burners (oil) in each boiler _____

No. and description of safety valves on each boiler _____

Area of each set of valves per boiler } per rule _____ Pressure to which they are adjusted } as fitted _____

Primary 50 Kg/cm² Are they fitted with easing gear _____

Secondary 13.5 Kg/cm² _____

In case of donkey boilers state whether steam from main boilers can enter _____

Smallest distance between boilers or uptakes and bunkers or woodwork _____ Height of boiler _____

Steam Drums:—Number in each boiler _____ Inside diameter _____

Range of tensile strength _____ Are drum shell plates welded _____

If fusion welded, state name of welding firm _____ Have all the requirements of the Rules _____

Description of riveting:—Circ. seams _____ long. seams _____

Pitch of rivets _____ Thickness of straps _____ Percentage strength of _____

Rivet _____ Diameter of tube holes in drum _____ Pitch of tube holes _____

Percentage strength of shell in way of tubes _____

Steam Drum Heads or Ends:—Range of tensile strength _____

Radius or how stayed _____ Size of manhole or handhole _____

Water Drums:—Number _____

Are drum shell plates welded or flanged _____ Have all the requirements of the Rules _____

If fusion welded, state name of welding firm _____

Have all the requirements of the Rules _____

Description of riveting:—Circ. seams _____ long. seams _____

Pitch of rivets _____ Thickness of straps _____

Rivet _____ Diameter of tube holes in drum _____ Pitch of tube holes _____

Percentage strength of drum shell in way of tubes _____

Water Drum Heads or Ends:—Range of tensile strength _____

Radius or how stayed _____ Size of manhole or handhole _____

Steam Dome or Collector:—Description of _____

Range of tensile _____

If fusion welded, state name of welding firm _____

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

Diameter of rivet holes _____

Thickness of straps _____ Percentage strength of long. joint _____

plate _____ rivet _____

Radius or how stayed _____

PERHEATER, Drums or Headers:—Number in each boiler _____

Inside diameter _____

Material _____ Range of tensile strength _____

Are drum shell plates welded _____

If fusion welded, state name of welding firm _____

Have all the requirements of the Rules _____

Description of riveting:—Circ. seams _____ long. seams _____

Pitch of rivets _____ Thickness of straps _____ Percentage strength of _____

Rivet _____ Diameter of tube holes in drum _____ Pitch of tube holes _____

Percentage strength of drum shell in way of tubes _____

Drum Heads or Ends:— _____

Thickness _____ Range of tensile strength _____

Radius or how stayed _____ Size of manhole or handhole _____

Number, diameter, and thickness of tubes _____

Number, diameter, and thickness of tubes _____

Is a safety valve fitted to each section of the superheater which _____

Area of each set _____

Date of test _____

No. and description of safety valves _____

Pressure to which they are adjusted 13.5 Kg/cm² Is easing gear fitted yes

Has the spare gear required by the Rules been supplied _____

The foregoing is a correct description, _____

Manufacturer. _____

Is the approved plan of boiler forwarded herewith _____

Total No. of visits 14

Nov. 10

Is this boiler a duplicate of a previous case yes If so, state vessel's name and report No. m.t. "ELEFTHEROUPOLIS"

Ant. Rpt. No. 33310

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. These boilers have been installed in the above vessel under special survey of the Society's Surveyors in accordance with the Rules.

The connecting pipes from the upper to lower parts of the boilers have been installed, welded, hydraulically tested and found tight. The safety valves have been adjusted under steam to the pressures as noted above and a satisfactory accumulation test has been carried out.

Survey Fee ... £ _____

Travelling Expenses (if any) £ 5.00 : _____

When applied for 12 Jan. 1960

When received _____

Date FRIDAY - 4 MAR 1960

Signature of Engineer Surveyor John M. O. Forbes J.M.O. FORBES. Engineer Surveyor to Lloyd's Register of Shipping.

Committee's minute See Rpt. 1.

810-2040-15470

