

# REPORT ON WATER TUBE BOILERS.

No. \_\_\_\_\_

Received at London Office **28 MAR 1949**

Reporting Report **March 16<sup>th</sup> 1949** When handed in at Local Office \_\_\_\_\_ 19\_\_\_\_ Port of **NANTES**

Survey held at \_\_\_\_\_ Date, First Survey **28. 10. 48** Last Survey **15. 3. 49** 19\_\_\_\_

on the **"ZANGUEZOUR"** (Number of Visits \_\_\_\_\_) Tons { Gross **10,448** Net **6301**

made at **PORTLAND OR. L-1111 MASS.** By whom built **KAISER COMPANY INC.** When built **1944**

made at \_\_\_\_\_ By whom made **GENERAL ELECTRIC CORP.** When made **1944**

Horse Power **1935** Owners **LES PETROLES DUTREMER.** Port belonging to **LE HAFFE**

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

of Approval of Plan **AMERICAN BUREAU SURVEY -** Number and Description or Type \_\_\_\_\_

Working Pressure **500 LBS** Tested by Hydraulic Pressure to \_\_\_\_\_ Date of Test \_\_\_\_\_

Can each boiler be worked separately **YES** Total Heating Surface of Boilers **11354 sq ft**

Area of fire grate (coal) in each Boiler **O.F.**

No. and description of safety valves on \_\_\_\_\_

per rule **7.0** Pressure to which they \_\_\_\_\_

as fitted **6.28 + 1.77 sq ft**

Are they fitted with easing gear **YES** In case of donkey boilers state whether steam from main boilers can enter \_\_\_\_\_

Smallest distance between boilers or uptakes and bunkers or woodwork **5'-0"** Height of boiler **21'-0"**

and Length **11'-10" x 15'-0"** Steam Drums:—Number in each boiler **ONE** Inside diameter **42"**

Range of Tensile Strength \_\_\_\_\_ Are drum shell plates welded \_\_\_\_\_

If fusion welded, state name of welding firm **AMERICAN BUREAU.** Description of riveting:—Cir. seams \_\_\_\_\_ long. seams \_\_\_\_\_

Pitch of rivets \_\_\_\_\_ Thickness of straps \_\_\_\_\_ Percentage strength of \_\_\_\_\_

Diameter of tube holes in drum **4" & 4 1/2"** Pitch of tube holes **7"**

Steam Drum Heads or Ends:—Range of tensile strength \_\_\_\_\_

Size of manhole or handhole **12" x 15"** Water Drums:—Number \_\_\_\_\_

Are drum shell plates welded \_\_\_\_\_

Description of riveting:—Cir. seams \_\_\_\_\_ long. seam \_\_\_\_\_

Pitch of rivets \_\_\_\_\_ Thickness of straps \_\_\_\_\_

Diameter of tube holes in drum \_\_\_\_\_ Pitch of tube holes \_\_\_\_\_

Water Drum Heads or Ends:—Range of Tensile strength \_\_\_\_\_

Size of manhole or handhole \_\_\_\_\_

Number, diameter, and thickness of tubes \_\_\_\_\_

Number **14** Material **O.H.S.** Thickness **3/4"** Tested by Hydraulic Pressure to \_\_\_\_\_

Thickness **11, 13, 14, 10, 6, 5 & 4 B.N.G.** Number **219, 1148, 882, 55** Steam Dome or Collector:—Description of \_\_\_\_\_

Thickness of shell plates **3/8" & 1/4"** Range of tensile \_\_\_\_\_

Description of longitudinal joint \_\_\_\_\_ If fusion welded, state name of welding \_\_\_\_\_

Have all the requirements of the rules for Class I vessels been complied with \_\_\_\_\_ Diameter of rivet holes \_\_\_\_\_

Thickness of straps \_\_\_\_\_ Percentage strength of long. Joint \_\_\_\_\_ Plate \_\_\_\_\_ Rivet \_\_\_\_\_

Range of tensile strength \_\_\_\_\_ Thickness \_\_\_\_\_ Radius or how stayed \_\_\_\_\_

Inside Diameter **7 1/4" SQUARE** Are drum shell plates welded \_\_\_\_\_

Material **O.H.S.** Range of tensile strength \_\_\_\_\_ Have all the requirements of the rules \_\_\_\_\_

Description of riveting:—Cir. seams \_\_\_\_\_ long. seams \_\_\_\_\_

Pitch of rivets \_\_\_\_\_ Thickness of straps \_\_\_\_\_ Percentage strength of \_\_\_\_\_

Diameter of tube holes in drum \_\_\_\_\_ Pitch of tube holes \_\_\_\_\_ Percentage strength of \_\_\_\_\_

Thickness \_\_\_\_\_ Range of tensile strength \_\_\_\_\_

Size of manhole or handhole \_\_\_\_\_

Date of Test \_\_\_\_\_ Is a safety valve fitted to each section of the superheater which \_\_\_\_\_

Area of each set \_\_\_\_\_

Pressure to which they are adjusted **464 LBS** 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 \_\_\_\_\_

If so, state vessel's name and report No. **"T2" TANKER.**

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) **These boilers were built under the supervision of the American Bureau - The workmanship & materials are good & reliable in our opinion**

be classed. \_\_\_\_\_

Survey Fee ... £ **See Rept. No. 9** When applied for, \_\_\_\_\_ 19\_\_\_\_

Travelling Expenses (if any) £ \_\_\_\_\_ When received, \_\_\_\_\_ 19\_\_\_\_

Committee's Minute \_\_\_\_\_

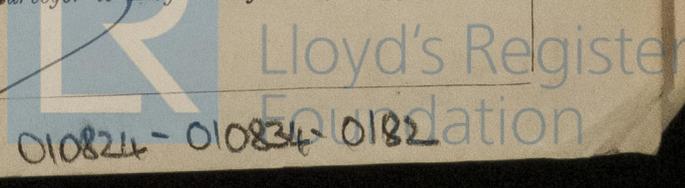
Assigned \_\_\_\_\_

FRIDAY 6 MAY 1949

See minute on \_\_\_\_\_

\_\_\_\_\_

Engineer Surveyor to Lloyd's Register of Shipping.



010824 - 010834 - 0182