

# REPORT ON WATER TUBE BOILERS.

mailed Rpt.  
No. 5800

Received at London Office

1 APR 1943

15 Jan. 1943 When handed in at Local Office 29th Jan 1943 Port of QUEBEC, P.Q.  
Survey held at Quebec, P.Q. Date, First Survey 16th. July/42 Last Survey 8th. January 1943  
on the Steel Single Screw Corvette U.S.S. "MIGHT" ex H.M.S. "MUSK" (Number of Visits - ) Tons {Gross 832.15  
Quebec, P.Q. By whom built Morton Engineering & Dry Dock Co. When built 1943  
Made at Montreal, P.Q. By whom made Canadian Vickers Ltd. When made 1942  
St. Catharines, Ont. By whom made Foster Wheelers Ltd. When made 1942  
Horse Power 412 Owners British Admiralty Port belonging to -

R TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Constructed under B.C.  
Approval of plan Two, Yarrow type, Foster Wheeler Working Pressure 225 lbs Tested by Hydraulic Pressure to 387 Number and Description of Tubes 42  
B. C. (P.T.O.) Can each boiler be worked separately Yes Total Heating Surface of Boilers 8260, sq. ft. Date of Test 10-6-42  
draught fitted Yes Area of fire grate (coal) in each Boiler Three, Admiralty Type.  
Type of burners (oil) in each boiler One twin 2½" Dia. cockburn  
Area of each set of valves per boiler 10.76 sq. inches Pressure to which they are adjusted 9.8 sq. inches  
Boiler 225 lbs. 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 1'-7" Height of boiler -  
Length - 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:—Cir. seams - long. seams -  
Pitch of rivets - Thickness of straps - Percentage strength of  
Diameter of tube holes in drum - Pitch of tube holes -  
Steam Drum Heads or Ends:—Range of tensile strength -  
Radius or how stayed - Size of manhole or handhole - Water Drums:—Number  
Inside Diameter - Thickness of plates - Range of tensile strength - Are drum shell plates  
If fusion welded, state name of welding firm - Have all the requirements of the rules  
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 -  
Radius or how stayed - Size of manhole or handhole -  
Number, diameter, and thickness of tubes -  
Is a safety valve fitted to each section of the superheater which  
No. and description of Safety Valves - Area of each set  
Pressure to which they are adjusted - Is easing gear fitted -  
Gear. Has the spare gear required by the rules been supplied Yes

The foregoing is a correct description,

Manufacturer.

During progress of work in shops - B. C. Inspection Is the approved plan of boiler forwarded herewith No  
During erection on board vessel - Various from 16th. July/42 to 7th. Jan/43 Total No. of visits Included with Machinery Visits.

er a duplicate of a previous case No If so, state vessel's name and report No. -  
AL REMARKS (State quality of workmanship, opinions as to class, &c.) The two water tube boilers constructed under  
pervision of the British Corporation Surveyors, have been satisfactorily fitted on board the  
examined under steam. The safety valves have been adjusted as stated on Machinery Report and  
for accumulation. In accordance with instructions contained in Circular Letter No. 1775 dated  
February/41. This vessel is in my opinion eligible for a record of L.M.C.\* 1-43.

Fee - 200/- When applied for, Feb 19 1943  
Relocation fees - 150/- When received, 19  
ling Expenses (if any) £ -  
arged with Machinery expenses.

tee's Minute

FRI. 16 APR 1943

See 172 machy r/n.

Bloomfield  
Engineer Surveyor to Lloyd's Register of Shipping

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Foundation

009469-009480-0213



The boilers were stamped as follows:-

## Foward Boiler

C.M.B. 102  
B.C. Test 387 lbs.  
No. ~~1162/16~~ 6612  
W.P. 225  
W.F. J.H. -  
25-4-42.

Aft. Boiler.

C.M.B. 101  
B.C. Test 387 lbs.  
No. 6611  
W.P. 225 lbs.  
R.W.  
10-6-42

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