

19387

Rec 30/10/77

Port West & Antelope 23rd October 1877

Details of Main Boilers of the Steam Ship

Agnes

1041.94 tons

Diameter 12' 3" Length 9' 8"

Thickness of shell plates 1

Description of riveting of longitudinal joints Welded of circumferential joints Double

Pitch of rivets ditto 3' 4

Diameter of rivets ditto 1' 8

Lap of plating ditto 5' 4

Size of manholes in circular shell 15 x 11' 2

How compensated for Rectangular Plate 24 x 28 x 1' 6

Number of furnaces in boiler Three

Diameter of furnaces 2' 11" inside Length of furnaces 6' 9" over tube plates

Thickness of furnace plates 1/2"

Description of joint of furnaces Butt Double straps Single riveted

Whether strengthened with rings No Greatest length between rings "

Thickness of combustion chamber plating 1/2"

Diameter of screw stays to ditto 1 1/2 over thread pitch of stays 1/4 x 7

End plates, thickness 13/16

Diameter of longitudinal stays to end plates 2 3/8 over thread pitch of ditto 1 1/4 x 1 1/2

How stays are secured Nuts and washers

Diameter of tubes 3/4 outside pitch of tubes 1 1/2 x 1 3/8

Thickness of tube plates 13/16

Stayed by Stay tubes pitch of stays 13 1/2 x 9' 4

Description of steam receiver Steam dome Contracted at neck

Diameter of ditto 3' 3" length of ditto 5' 6"

Thickness of plating of ditto 7/16 ends 5' 8

Ends, how stayed Four stays 2 1/2 dia outside

All longitudinal seams in shell welded except of one plate in inner course

Shell 51320 x 2 x 1/4 149 x 6.5 1/4 5 lb Working pressure

Furnaces 89600 x 1/2 6.9 x 35 95 " "

Ames Bain

Engineer Surveyor to Lloyd's Register of Shipping.