

Details of Main Boilers of the Steam Ship

Port *Hull, October 9th* *19390 Iron*
Albert *Rev 11/10/73* *787* tons
 Diameter *11' 6"* Length *10' 0"*
 Thickness of shell plates *7/16"*
 Description of riveting of longitudinal joints *Lap joint, double riv.* of circumferential joints *Lap joint, single riv.*
 Pitch of rivets ditto *2 1/2"* ditto *1 3/4"*
 Diameter of rivets ditto *7/8"* ditto *7/8"*
 Lap of plating ditto *4 3/4"* ditto *2 1/2"*
 No. Size of manholes in circular shell *15 3/4" x 13"*
 How compensated for *by ring 6" x 5/8"*
 Number of furnaces in boiler *2*
 Diameter of furnaces *3' 3"* Length of furnaces *7' 0"*
 Thickness of furnace plates *7/16"*
 Description of joint of furnaces *Riveted, single.*
 Whether strengthened with rings *No* Greatest length between rings *—*
 Thickness of combustion chamber plating *7/16"*
 Diameter of screw stays to ditto *1 1/6"* pitch of stays *12" x 12"*
 End plates, thickness *7/16"* *top 5/16" doubling plate.*
 Diameter of longitudinal stays to end plates *1 1/2"* pitch of ditto *14 1/2" x 18"*
 How stays are secured *By double nuts and washers.*
 Diameter of tubes *3 1/2"* pitch of tubes *4 3/4" x 4 3/4"*
 Thickness of tube plates *front 7/16", back 5/8"*
 Stayed by *Screwed taper* pitch of stays *14 1/4" x 14 1/4"*
 Description of steam receiver *Horizontal circular chest.*
 Diameter of ditto *4' 0"* length of ditto *9' 10"*
 Thickness of plating of ditto *7/16"* ends *8/16"*
 Ends, how stayed *By three gusset stays*

*Horizontal steamchest connected with the
 boilers by copper pipes.*