

Workmanship. Are the butts of plating planed or otherwise fitted?

Planed

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies?

Yes

Are the fillings between the ribs and plates solid single pieces?

Yes

Do the holes for riveting plate to frames, butt straps, or

to plate, &c., conform well to each other?

Yes

Are the rivet holes well and sufficiently countersunk in the plate and pun

from the faying surfaces?

Yes

Do any rivets break into or through the seams or butts of the plating?

After

Masts, Bowsprit, Yards, &c., are Iron 10 Pins in fair condition, and sufficient in size and length. If of Iron or Steel give Scantling, Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Material, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit

Iron Mast 77'6" x 23' diam 6 plates 2 plates in the round seams single riveted, butts 36' dia
Main " 71'6" x 20' " plates tested

Number for Equip- ment 24328		CABLES, &c.			Test per Certificate. Tons.	Fathoms & Inches per Rule.	Machine where Tested and Superintendent, also Name of Chain Maker.	ANCHORS.		Weight. Ex. Stock.	Test per Certificate (are Stockless.)	Weight req'd per Rule.	Machine where Tested Superintendent, Name of Anchor M.
		Number of Certificate.	Fathoms.	Inches.				Number of Certificate (State if any and which Anchors are Stockless.)					
Letter for do. S		8376	270	1 1/16	598	270 x 1 1/16	Riv. Bear Co	28115	40 0.7	35.10.3.4	32 cwt	Ketterlin	
N	SAILS.	B. Hantshorn	160	Makers			S. Hantshorn	28114	39 1.0	35.5.2.4		S. Hantshorn	
	Fore Sails,	Calip correct.					Supl	27888	34 3.12	32.5.2.4		Supl	
one	Fore Top Sails,	Iron Stream Chain	75	1 1/8	22 3/4	75 x 1 1/8	do	B. Hantshorn 160		CA 91.10		Supl	
	Fore Topmast Stay Sails,	or Steel Wire ..						Makers		25 1/2	22.3.7	certificates	
sent	Main Sails,	Hampson Str'm Cable	90	4	33	90.4	Test & Nip's	Collective Weights	114.0.19		114 0.7	produced	
	Main Top Sails,	TOWLINE—	90	3	18	90 92	produced.	Stream	10.3.14	12.15.1.7	10.2.0	Riv. Bear	
	and quality	Hemp or Steel Wire.	90	3 1/4	92	90.72		Kedge	5.1.7	7.14.0.7	5.1.0	S. Hantshorn	
	foot	Hawser	2 90					2nd Kedge....	2.2.14	5.2.2.0	2.2.0	Supl	
		Warp.....	90	9									

Standing and Running Rigging Wire & Hemp sufficient in size and good in quality. She has 2 Life Boats and 2 others

The Windlass is Iron, Steam Capstan and Rudder Iron Pumps

Engine Room Skylights.—How constructed? Plate coming shop How secured in ordinary weather? Plate flaps & thick glass

What arrangements for deadlights in bad weather?

Coal Bunker Openings.—How constructed? Plate coming shop How are lids secured? Plate flaps Height above deck? 33" + 18"

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? In hull 2 ports 33" x 29", 11 1/2" up. + 2 scuppers each side. On quarter deck 4 ports 36" x 15" + 3 scuppers each side.

Cargo Hatchways.—How formed? Plate coming shop Hatches, If strong and efficient? 3" solid iron

State size Main Hatch 16' x 12' No 2 13'0" x 14'0" Fore hatch No 3 5'11" x 9'0" No 4 21'11" x 14'0" No 5 17'10" x 14'0"

If of extraordinary size, state how framed and secured... No 1 beam 3 feet + 2 others. No 2 2 feet 2 inches 3 feet + 2 others. No 3 1 foot 6 inches 3 feet + 2 others. No 4 1 foot 6 inches 3 feet + 2 others. No 5 1 foot 6 inches 3 feet + 2 others.

Order for Special Survey No. 1410 Date Nov 6 1889

Order for Ordinary Survey No. 321 in builder's yard. DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought

2nd. On the plating during the process of riveting

3rd. When the beams were in and fastened, and before the decks were laid...

4th. When the ship was complete, and before the plating was finally coated or cemented...

5th. After the ship was launched and equipped

State dates of letters respecting this case Nov 4 Dec 6 Dec 12 Dec 21 89. M. Jan 27 Feb 4 90 P.

General Remarks (State quality of workmanship, &c.) Built in accordance with the approved plans, and the rules for steel vessels. Workmanship and materials are good. The steel has been tested as per rule.

The freeboard has been marked on the vessel in accordance with the Secy's Ltr of July 3rd 90 as follows. Summer 1'8", Winter 2'0" allowance for fresh water 4 1/2 inches. The freeboard was recorded in the Register Book.