

Workmanship. Are the butts of plating planed or otherwise fitted? *Hammered*
 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 plate to plate, &c., conform well to each other? *Yes*
 Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes*
 Do any rivets break into or through the seams or butts of the plating? *Very few*

Masts, Bowsprit, Yards, &c., are *all* in *good* condition, and sufficient in size and length. If of Iron or Steel give Scantlings of 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 Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit *Schooner rigged as auxiliary to steam power*
Fore and Main masts of Steel 111 and 105. Extreme by 2 1/2 ins diam 22. Constructed with three plates in the round 3/32 to 1/32, and three angle irons 3 x 3 x 5/8, as approved for S.S. "Horn Head" by Secretary's letter dated 6th October 1883. All plates tested at the Manufactory.

SAILS.	CABLES, &c.	Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.		No.	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Machine where Tested & Suprntd.
							Bower Anchors	Stream Anchor					
Chain	150 3/4	2	100.16.0.0	300 x 2	18 June 84	1	38.0.12	34.11.2.0	38	18 June 84			
Fore Sails,	150	2	100.16.0.0	300 x 2	18 June 84	1	38.0.20	34.12.2.0	38	18 June 84			
Fore Top Sails,	90	4 1/2	39.0.0.0	90 x 1 1/2	Chester	1	32.2.8	30.11.1.0	32 1/4	18 June 84			
Fore Topmast Stay Sails,	150	4	33.0.0.0	120 x 12	18 July 84	1	11.2.0	13.7.2.0	11 1/2	18 June 84			
Main Sails,	100	10 1/2	90 x 10	90 x 10	18 July 84	1	2.2.20	2.2.0.0	5 3/4	18 June 84			
Main Top Sails,	90	9	90 x 8 1/2	90 x 8 1/2	18 July 84	1	2.3.16	2.6.2.0	2 3/4	18 June 84			

Standing and Running Rigging *wire & hemp* sufficient in size and *good* in quality. She has *one* Life Boat and *three* others
 The Windlass is *Patent and good* Capstan *good* and Rudder *good* Pumps *good*

Engine Room Skylights.—How constructed? *of Oak on iron comings* How secured in ordinary weather? *Batts and nuts*

What arrangements for deadlights in bad weather? *Solid covers with bulls eyes*

Coal Bunker Openings.—How constructed? *plates and angles* How are lids secured? *Solid hatches* Height above deck? *2. 6. 2 i.*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Six Scuppers each side - Open railing all round, except in way of Forecastle and Bridge.*

Cargo Hatchways.—How formed? *of plates and angles comings 18" above deck*

State size Main Hatch *23. 6 x 11. 0* Forehatch *19. 6 x 10. 0* Quarterhatch *19. 6 x 11. 0 and 19. 6 x 10. 0*

If of extraordinary size, state how framed and secured? *Two web plates in main hatch, one in each of the others, and fore and afters in all.*

What arrangement for shifting beams? *Others, and fore and afters in all.*

Hatches. If strong and efficient? *Yes, solid.*

Order for Special Survey No. *40* Date *June 11th 83*

Order for Ordinary Survey No. *170* Date *June 11th 83*

No. *170* in builder's yard. State dates of letters respecting this case *June 4th, July 14th and Sept. 15th 1883.*

General Remarks (State quality of workmanship, &c.) *This is a sister vessel to the S.S. Lord O'Neill, Belfast Repair No. 3068 - built in accordance with the approved tracings, which accompanied that report; in compliance with the Secretary's letters, dated as above, and the rules generally have been adhered to. She is a three decked vessel, having a shelter fore-castle unenclosed, 22' 6" Bridge over Engines & Boiler, 44' long, upon which stands the Engine room skylight and Chart room; she has a double bottom, constructed on the cellular system 25' 6" feet long, and water capacity in tons 455, and a trimming tank aft, capacity in tons 50, all tested as required by the rules.*

The materials used in her construction, and the workmanship are very good.

State if *one, two, or three* decked vessel, or if *open, or running decked*; and the lengths of *64* bridge, *52* fore-castle, *unenclosed* quarter deck. (If double bottom, state particulars on separate form)

How are the surfaces preserved from oxidation? Inside *Cement and paint* Outside *paint*

I am of opinion this Vessel should be Classed *+ 100 A 1*

The amount of the Entry Fee *£ 5* is received by me, *James Surpin*

Special *£ 93 : 16 : 6* 5.9. 1884

(to be sent as per margin). Certificate *Gratis*

Committee's Minute *TUESDAY 9 SEPT 1884 18*

Character assigned *100 A 1*

James Surpin
 Surveyor to Lloyd's Register of British and Foreign Shipping

Lloyd's Register
 Foundation