

IRON SHIP.

No. 151 Survey held at Newcastle Date, First Survey 5th May 1880 Last Survey 5th May 1880 1880
 On the "Huntingdon" (Schooner) Master Hindes
 TONNAGE under age Deck 217.02 ONE, OR TWO DECKED, THREE DECKED VESSEL.
 SPAR, OR AWNING DECKED VESSEL.
 Built at Newcastle
 When built 1881 Launched 16th May
 By whom built A. Leslie & Co
 Owners W. Milburn & Co
 Port belonging to London
 Destined Voyage Australia
 If Surveyed while Building, Afloat, or in Dry Dock
While Building & agent

Official Number 11463

Length on deck as per Rule 298.4 Breadth moulded 36.0 Depth top of Floors to Upper Deck Beams 25.3 Power of Engines 275 No. of Decks with flat laid Two
 Breadth of Main Deck Beams 18.3 No. of Tiers of Beams Three

LENGTH on deck as per Rule	Feet. 298	Inches. 4	BREADTH— Moulded...	Feet. 36	Inches. 0	DEPTH top of Floors to Upper Deck Beams Do. do. Main Deck Beams.....	Feet. 25 18	Inches. 3 3	Power of Engines ...	275	Horse.	No. of Decks with flat laid No. of Tiers of Beams	Two Three	
Dimensions of Ship per Register, length, 300.0 breadth, 36.3 depth, 24.7														
KEEL, depth and thickness	Inches in Ship. 10 + 2 3/4			Inches per Rule. 10 + 2 3/4										
STEM, moulding and thickness...	10 + 2 3/4			10 + 2 3/4										
STEEL-POST for Rudder do. do.	10 + 5 1/2			10 + 5 1/2										
" for Propeller	10 + 5 1/2			10 + 5 1/2										
Distance of Frames from moulding edge to leading edge, all fore and aft	24			24										
(Class 100A.)														
	Inches. In Ship.	Inches. In Ship.	16ths. In Ship.	Inches. per Rule	Inches. per Rule	16ths. per Rule								
FRAMES, Angle Iron, for 1/2 length amidships	5	3	8	5	3	8								
Do. for 1/2 at each end	5	3	7	5	3	7								
REVERSED FRAMES, Angle Iron	3 1/2	3	8	3 1/2	3	8								
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	24	x	9	24	x	9								
thickness at the ends of vessel	7			7										
depth at 3/4 the half-bdth. as per Rule	7 1/2			7 1/2										
height extended at the Bilges...	7 1/2			7 1/2										
BEAMS, Upper, Spar, or Awning Deck Single or double Ang. Iron, Plate or Tee Bulb Iron	7 1/2	x	7	7 1/2	x	7								
Single or double Ang. Iron on Upper edge	3	3	6	3	3	6								
Average space...	48			48										
BEAMS, Main, or Middle Deck Single or double Ang. Iron, Plate or Tee Bulb Iron	6	3	8	6	3	8								
Single or double Ang. Iron on Upper Edge	24			24										
Average space...	Same Box			8 1/2 x 8										
MS. Lower Deck, Hold, or Orlop Single or double Ang. Iron, Plate or Tee Bulb Iron	3	3	7	3	3	7								
Single or double Ang. Iron on Upper Edge	3 1/2 x 12 frame spaces													
Average space...	18	x	10	18	x	10								
Centre line, single or double plate, or Intercoastal Plates	28	x	6			6								
Plate Fore side W. B. Tank	13	x	11	12 3/4	x	11								
Plate to Intercoastal Keelson	6	4	9	6	4	9								
Angle Iron Side Keelson	6	4	9	6	4	9								
Intercoastal Plate	6	4	9	6	4	9								
Angle Irons	3 1/2	3	8	3 1/2	3	8								
to outside plating with angle iron	6	4	9	6	4	9								
Angle Irons	6	4	9	6	4	9								
Bulb Iron...	8 1/2	x	8	8 1/2	x	8								
Intercoastal plates riveted to plating for length	6	4	9	6	4	9								
Angle Irons	11	x	9	11	x	9								
plates riveted to plating for length														
Angle Irons														
material, Knight-heads. Hawse Timbers.							Iron							
Harfield's Patent Pall Bitt														

Flat Keel Plates, breadth and thickness	39	12	36	12
PLATES in Garboard Strakes, breadth and thick- ness from Garboard to upper part of Bilges		11		11
" of doubling at Bilge, or increased thick- ness, and length applied				
" fm up. part of Bilge to l. edge of Sh'rstrake.		11		11
" Main Sheerstrake, breadth and thickness of doubling at Sh'rstrake, & length applied from Mn. to Up. or Spar Dk. Sh'rstrake.	40	13	40	13
" Up. or Spar Dk Sh'rstrake, brdth & thickness	9 1/2	10 1/2	9 1/2	10 1/2
Butt Straps to outside plating, breadth & thickness	10 feet		10 feet	
Lengths of Plating	4 feet		4 feet	
Shifts of Plating, and Stringers...	62	9	62	9
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness...	4 x 4 x 9		4 x 4 x 9	
Angle Iron on ditto	15	9	15	9
Tie Plates fore and aft, outside Hatchways				
Diagonal Tie Plates on Beams No. of Pairs				
Plank-sheer material and scantling	Iron Gutter			
Waterways do. do.	4	6	4	6
Flat of Upper Deck do. do.	Iron riveted			
How fastened to Beams	42	10	42	10
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness				
Is the Stringer Plate attached to the outside plating?	Yes			
Angle Irons on ditto, No. 2	4 x 4 x 9		4 x 4 x 9	
Tie Plates, outside Hatchways				
Diagonal Tie Plates on Beams, No. of pairs				
Waterways materials and scantlings	Iron deck.			
Flat of Middle Deck do. do.	6		6	
How fastened to Beams	Riveted			
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	39	9	39	6
Is the Stringer Plate attached to the outside plating?	Yes			
Angle Irons on ditto, No. 2	4 x 4 x 9		4 x 4 x 9	
Stringer or Tie Plates, outside Hatchways				
Flat of Lower Deck	Batten			
Ceiling betwixt Decks, thickness and material	2 1/2		2 1/2	
" in hold do. do.	7 1/2		7 1/2	
Main piece of Rudder, diameter at head	3 3/4		3 3/4	
do. at heel				
Can the Rudder be unshipped afloat?	Yes			
Bulkheads No. 5- Thickness of	7		7	
" Height up	Collisions to upper & others to the deck water			
" How secured to sides of ship	Double frames & braced plates			
" Size of Vertical Angle Irons	3 1/2 x 3 x 8 1/2		and distance apart	30 ins.
" Are the outside Plates doubled two spaces of Frames in length?	Yes			

Workmanship. Are the butts of plating good or otherwise fitted? Yes
Do the edges of the parrel work and of the butts fit close together throughout their length without requiring any caulking? 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 facing surfaces? Yes
Do any rivets break into or through the seams or butts of the plating? No

Masts, Bowsprit, Yards, &c., are Sandwood in good condition, and sufficient in size and length. If of Iron or Steel
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 Main Mast length 83 ft. Main Mast 7 1/2 ft
Fore Mast length 24 ft. Fore Mast 7 1/2 ft
Fore Top Mast length 14 ft. Fore Top Mast 7 1/2 ft
Stay Mast length 14 ft. Stay Mast 7 1/2 ft
Main Mast 5 x 3 x 1/4
Fore Mast 5 x 3 x 1/4
Fore Top Mast 5 x 3 x 1/4
Stay Mast 5 x 3 x 1/4
Consent See Co. Markers

NUMBER for EQUIPMENT	Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	ANCHORS.	N ^o .	Weight, Ex. Stock.	Test per Certificate.	Weight per Rule.
SAILS.					Bower Anchors	1	29.1.12	20.3.0.10	29.0.0
CABLES, &c.					Stream	1	11.0.11	13.0.0.2	10.3.0
Chain	270	1 7/8	63 1/2 x 88 1/2	1 7/8	Kedge	1	5.3.0	8.1.2.14	5.2.0
Fore Sails,					Ditto	1	8.2.0	5 1/4	2.2.0
Fore Top Sails,	75	1 1/2	23 1/2 x 34 1/2	1 1/2					
Fore Topmast	100	12		12					
Stay Sails,	90	9 1/2		9 1/2					
Main Sails,	90	6		6					
Main Top Sails,	100	5		5					
and	120	3		3					

Standing and Running Rigging Keper sufficient in size and good in quality. She has 2 Long Boats and 2 other
The Windlass is Good Capstan Good and Rudder Good Pumps Good in each compartment
Engine Room Skylights. How constructed? In trunk's bridge How secured in ordinary weather? Good
What arrangements for deadlights in bad weather? Seal shutter & bulldozer
Coal Bunker Openings. How constructed? See cover How are lids secured? Has Height above deck? 12 1/2
Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? Pate & scupper

Cargo Hatchways. How formed? In covers & head lugs
State size Main Hatch 20.0 x 12.0 Fore Hatch 10.0 x 10.0 Quarter Hatch 16.0 x 12.0
If of extraordinary size, state how framed and secured? -
What arrangement for shifting beams? Deep web plates & pins & afters
Hatches, If strong and efficient? Yes Solid Hatches

Order for Special Survey No. <u>1408</u>	1st. On the several parts of the frame, when in place, and before the plating was wrought	1880 May 5.24.31 June 3.11.17.21.29 July 1.5.7.12.19.24
Date <u>15th June 1880</u>	2nd. On the plating during the process of riveting	Aug 9.11.26.30 Sept 1.6.8.16.20.24 Oct 1.14.21.24.27
State of Survey No. <u>1408</u>	3rd. On the plating when in and fastened and before the decks were laid...	Nov 12.19 Dec 1.13.17.22.24.30
Date <u>15th June 1880</u>	4th. When the ship was complete, and before the plating was finally coated or cemented...	1881 Jan 11.25.31 Feb 8.14.17.23.25 March 2.9.14
No. <u>217</u> in builder's yard	5th. After the ship was launched and equipped	April 6.11.16.26.29 May 2.3.5

General Remarks (State quality of workmanship, &c.) This Vessel has been built in con-
sultance with the Rules, and plans approved for a Sister Ship of
the "Comiston" Report No 15204.
The workmanship & materials are of
great quality.
Ballast Tanks have been tested in con-
sultance with the Rules.

Bridge House amidships 60 ft 40 ft
State if one, two, or three decked vessel, or if open, or awning-decked; and the length of poop, forecabin, or raised quarter-deck, and the length of double, or part double bottom
How are the surfaces preserved from oxidation? Inside Cement & paint Outside Paint
I am of opinion this Vessel should be Classed 100 A 1 See Rules & Three tiers of beams
The amount of the Entry Fee ... £ 5 - - - is received by me, 106.9
Special ... £ 49 : 4 : 6 4th July 1881
Certificate Given - - - - -

Committee's Minute Tuesday, July, 12th 1881.
Factor assigned 100 A
See Rules
See Rules
See Rules

