

No. 157 Survey held at Sackville N.B. Date August 15/10/15 1855
on the New Barque "Harrowby" Master J. G. Hoyle
Tonnage Old New 514 73 Built at Sackville N.B. When built 1855 Launched 1st August 1855
By whom built Simon Bailey Owners N. S. De Mill
Port belonging to St John N.B. Destined Voyage Liverpool
If Surveyed while Building, Afloat, or in Dry Dock While building

Length aloft	Feet. <u>41</u> Inches. <u>11</u>	Extreme Breadth	Feet. <u>3</u> Inches. <u>0</u>	Depth of Hold	Feet. <u>1</u> Inches. <u>10</u>
Scantlings of Timber.			Thickness of Plank.		
Room and Space	Inches. <u>30</u>	Inches. Middle <u>14</u> Ends <u>14</u>	Outside. Inches. <u>4</u>	Inside. Inches. <u>11</u> <u>11</u>	
Floors	sided <u>2 1/2</u> Moulded		Keel to Bilge		Limber Strakes
1st Foothooks	" <u>12 1/2</u> "	" <u>13</u> "	Bilge Planks	" <u>5</u> "	Bilge Planks
2nd Ditto	" <u>10 1/2</u> "	" <u>11</u> "	Bilge to Wales	" <u>4</u> "	Ceiling in Flat
3rd Ditto	" <u>10</u> "	" <u>10 1/2</u> "	Wales	" <u>5</u> "	Ditto Bilge to Clamp
Top Timbers	" <u>9 1/2</u> <u>10</u> "	" <u>6</u> @ Gunwale	Short Hoods	" <u>4</u> "	Hold Beam Clamps
Deck Beams N° <u>24</u> Average Space } <u>4 feet 6</u>	" <u>10 1/2</u> "	" <u>10</u> <u>7 1/2</u> "	Topsides	" <u>5</u> "	Deck Beam Ditto
Hold Beams N° <u>22</u> Average Space } <u>4 feet 6</u>	" <u>12 1/2</u> <u>13</u> "	" <u>12 1/2</u> <u>10</u> "	Sheer Strakes	" <u>5</u> "	Ceiling 'twixt Decks
Keel	" <u>14</u> "	" <u>16</u> "	Plank Sheers	" <u>4 1/2</u> "	Hold Beam Shelves
Keelsons	" <u>15</u> "	" <u>3</u> <u>1</u> "	Water-Ways <u>Lower Deck</u> <u>10 x 10</u>	" <u>8 1/2</u> <u>17</u> "	Deck Beam Ditto
Scarp of Ditto	" <u>5 feet 10</u>		Upper Deck	" <u>12</u> "	

Size of Bolts in Fastenings, distinguishing whether Copper or Iron.

Heel-Knee, and Deadwood abaft	Copper Inches. <u>1 1/2</u> Iron Inches.	Transoms and throats of Hooks	Copper Inches. <u>1 1/4</u> Iron Inches.	Lower Pintle of the Rudder	Copper Inches. <u>3</u> Iron Inches.
Scarp of Keel.....N° <u>8</u>	<u>1 1/8</u>	Arms of Hooks	<u>1</u> <u>1 1/8</u>	Hold Beam	<u>1 1/8</u>
Floor Timber Bolts	<u>1 1/4</u>	Bolts thro' Bilge & Limber Strakes	<u>7/8</u> <u>1</u>	Deck Beam	<u>1 1/4</u>
Kelson ditto	<u>1 1/4</u>	Butt End Bolts	<u>7/8</u>		

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 Inches. The Space between the Top-timbers is 1 1/2 Inches. The Stem, Stern Post, consist of Jamarae the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of Jamarae and are — free from all defects. The Floors consist of 1/2 Birch according to Rule, remainder The First Foothooks of Jamarae Timber. The Second Foothooks of Jamarae The Third Foothooks of Jamarae The Top Timbers of Jamarae The Shifts of the first and second Foothooks are not less than 4 feet 6 to 5 feet N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are 5 feet to 5 feet 6. Except at gunter's which are 5 feet 6 to 4 feet. The Frame is — squared from the first Foothook Heads upwards, and generally free from sap, and from thence downwards, the frame is squared. The alternate Frames are iron bolted together to the Gunwale. N. B. If not, state how bolted. The Butts of the Timbers are — close together; their thickness not less than 1/3 of the entire moulding at that place. The Frame is cross short chocked with a Butt at each end of the chock. The Main Keelson is Pitch Pine & Jamarae and free from all defects. The False Keelson is Jamarae The Deck Beams consist of Jamarae The Hold Beams of Jamarae The Knees of Spruce & Jamarae

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Birch Jamarae, & Red Pine. From the above named Height to the Light Water Mark Jamarae and Red Pine. From the Light Water Mark to the Wales Jamarae, and Red Pine. The Wales and Black-strakes are Jamarae, and Red Pine. The Topsides Jamarae, & Red Pine. The Sheer-strakes Jamarae and Plank-sheers Jamarae. The Water-ways Jamarae, & Red Pine. The Decks White Pine State of Good Order. The Shifts of the Planking are not less than 5 Feet — Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought free between

Planking Inside.—The Limber-strakes are Jamarae the Bilge Planks Jamarae & Red Pine. The Ceiling, Lower Hold, Jamarae & Red Pine Between Decks Jamarae, and Pitch Pine. Shelf Pieces Jamarae, Pitch & Red Pine Clamps Jamarae Pitch & Red Pine.

Fastenings.—To Hold Beams Loading knees of Spruce and Jamarae sided Eight inches, and bolted with 1 1/8 iron. Deck Beams Loading knees of Spruce and Jamarae sided seven inches and bolted with 1 1/8 iron. Number of Breasthooks four Pointers five pairs Crutches two. Butts End Bolts are of iron in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Limber Strakes iron bolted through and clenched. Treenails of Jamarae How Made turned. General Quality of Workmanship Strong, but rough.

We certify that the preceding is a correct description of the above-named Vessel,

Builder's Signature Simon Bailey Surveyor's Signature [Signature]

Her Masts, Yards, &c. are in Good condition, and sufficient in size and length.

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .			Fathoms. Inches.	N ^o .	Weight.
<i>One Set of Sails.</i>	Fore Sails,	Chain	<i>90</i> <i>1 5/8</i>	Bower,	<i>26.0.00</i>
	Fore Top Sails,	Hempen Stream Cable	<i>90</i> <i>1 5/8</i>	Stream,	<i>27.0.00</i>
	Fore Topmast Stay Sails,	Hawser	<i>90</i> <i>1 1/2</i>	Kedge,	
	Main Sails,	Towlines	<i>90</i> <i>1 1/2</i>		
	Main Top Sails,	Warp			
and		All of <u>Good</u> quality,			

Her Standing and Running Rigging are sufficient in size and Good in quality.

She has Two Boats Long Boat and 20 feet, and Pinnace 18 feet.

The present state of the Windlass is Good Capstan Good Rudder Birch Pumps Two of Wood.

General Remarks—Statement and Date of Repairs.

The frame of this ship is put together with single floors. The 1st foothooks meet on the keel. and those that are not full shouldered, are connected with cross chocks. The upper Deck Waterway is heavy and bolted up and down into Beams with inch iron. Having one bolt in each Timber. The upper Deck Shelf is heavy and bolted with inch iron. Having one three bolt in each Timber. The Clamp is also heavy. and bolted with 1 1/8 iron. Having one three bolt in each Timber. and the Ceiling between decks is bolted with same size iron. having one through bolt in each alternate timber.

The Hold Beam Waterway is heavy. and secured with inch iron. having one three bolt in each Timber. and the Hold Beam Shelf and Clamp are secured with 1 1/8 iron in a similar manner.

The inside Bilge is secured with Eight Strakes of Plank. commencing at 10 inches thick and tapering off to 6 inches.

The Ironails are well driven, and the Caulking sound. The Masts and Yards are well made and from good materials.

And she is eligible (when needed) to be Crutched with iron 1/2 Clasp Y.A.

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed

The Amount of the Fee.....£ 5 : 0 : 0 is received by me,

Special£ 25 : 14 : 0

Certificate (if required)£ : :

Committee's Minute 29th April 185 6

Character assigned