

Ref 11/8/64 625

No. 625 Survey held at Quebec Date December 1863 to June 1864
 on the Ship Gumaindas Master C. Dunn.
 Old Tonnage New 1114.21 Built at Quebec When built 1864 Launched June
 By whom built Charland & Co Owners M. J. Wilson.
 Port belonging to Quebec Destined Voyage London Greenock.
 If Surveyed while Building, Afloat, or in Dry Dock Building slip.

Length aloft	Feet.		Inches.		Extreme Breadth Outside	Feet.		Inches.		Depth of Hold	Feet.		Inches.	
	Sided,	IN SHIP.	Moulded.	Sided.	Middle.	Required per Rule.	Moulded.	In Ship.	Required per Rule.		In Ship.	Required per Rule.	In Ship.	Required per Rule.
Length of Keel	178	170 ft	178	9	31 1/2	33 1/2	36	3	3	22	15	Thickness of Plank.		
Scantlings of Timber.														
TIMBER AND SPACE														
Floors	14.16	14	14	10 1/2	10 1/2									
1 st Foothooks	13.15	14	13	10 1/2	10 1/2									
2 nd Ditto	12.13	13 1/2	12	10 1/2	10 1/2									
3 rd Ditto	11.12	13	11	11 1/2	11 1/2									
Top Timbers	10.11	12	8 1/2	10	10	7 1/2								
Deck { N° 31 1/2 Average Space }	4 7	11.12	10 1/2	9	10	10	8 1/2							
Beams { N° 28 1/2 Average Space }	4 5	14.15	14	11 1/2	14	14	11 1/2							
Deck Beams, length amidships	33.10													
Hold Beams, length amidships	34 ft													
Keel	16 1/2	17 1/2		10 1/2	10 1/2									
Scarps of Ditto	7 1/2			6 1/2										
Keelsons	19	14		16 1/2	16 1/2									
Scarps of Ditto	8 ft			6 1/2										

Hog's Back Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

Sept 6/64

Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Copper in Ship.	Iron in Ship.	Inches required per Rule	Hold Beam Bolts in	Waterway ..	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Heel-Knee, & Deadw'd abaft	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Transoms and throats of Hooks	1 1/2	1 1/2	1 1/2	1 1/2
Scarps of Keel, N° 12	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Arms of Hooks	1 1/2	1 1/2	1 1/2	1 1/2
Keelson Bolts through Keel at each Floor	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Thro' Bilge & Limber Strakes	7 1/2	7 1/2	7 1/2	7 1/2
Bolts thro' Heels of Timbers against Deadwood	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	Thickstuff over Double Floors	1 1/2	1 1/2	1 1/2	1 1/2
						Butt End Bolts	3 1/2	3 1/2	3 1/2	3 1/2
						Pintles of the Rudder	3 1/2	3 1/2	3 1/2	3 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks is $\frac{1}{4}$ Inches. The Space between the Top-Timbers is $\frac{1}{2}$ Inches.

The Floors consist of Rock Elm & Birch for 83.6 cent' Tamarac. The First Foothooks of Tamarac.

The Second Foothooks of Tamarac The Third Foothooks and Top Timbers of Tamarac.

The Shifts of the First and Second Foothooks are not less than 4.9 N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 4.9 to 5.6

The Frame is well squared from the First Foothook Heads upwards, and free from sap, and from thence downwards, the frame is good & treenailed.

The Frames are well 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 $\frac{1}{3}$ of the entire moulding at that place.

The Frame is part chocked with a Butt at each end of the chock. The Main piece of Rudder is oak of Windlass is Oak.

The Keel is Rock Elm & Oak The Main Keelson is oak and free from all defects.

The Stem, and Stern Post of oak and Aprons of Tamarac & oak Deadwood, of Tamarac & oak and are free from all defects.

The Deck and Hold Beams of Tamarac The Breasthooks of Tamarac & oak The Knees of Tamarac & oak

Planking Outside.—From the Keel to the Height defined in Note to Table A { the Plank is Rock Elm & Red Pine or to the First Foothook Heads }.

From the above named Height to the Light Water Mark Rock Elm, Tamarac & Red Pine.

From the Light Water Mark to the Wales Tamarac & Red Pine

The Wales and Black-strokes are Tamarac & Red Pine The Topsides & Sheer-strokes Tamarac & Red Pine

The Spirketting and Plank-sheers Tamarac & Red Pine The Water-ways { Upper Deck yellow pine Lower Deck Red pine

The Decks yellow pine State of good

The Shifts of the Planking are not less than 6 Feet 0 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 three between, and without step-butting.

Planking Inside.—The Limber-strokes and Bilge-strokes are Rock Elm & Tamarac

The Ceiling, Lower Hold, and between Decks Tamarac & Red Pine Shelf Pieces and Clamps Tamarac & Red Pine

Fastenings.—To Hold Beams 8 1/2 to 9 1/2 Tamarac lodging knees with an iron knee rider to every beam end all well fitted & thickly bolted

Deck Beams 7 1/2 Sided Tamarac lodging knees with an iron hanging knee to every beam end all well fitted & thickly bolted

Number of Breasthooks nine (9) Pointers Round Stern Crutches side of Iron & Tamarac.

Butt End Bolts are of yellow metal in the Bottom. Two Bolts in each Butt End one through and clenched.

Bilge and Limber Strakes are yellow metal bolted through and clenched. Treenails of Tamarac & Rock Elm How Made Turned

Thickstuff over Double Floors are iron bolted through and clenched. General Quality of Workmanship good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature Guillaume Charland Surveyor's Signature Charles P. Weller

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

She has SAILS.

No.
23
pieces

Fore Sails,
Fore Top Sails,
Fore Topmast Stay Sails,
Main Sails,
Main Top Sails,

and
more
Her Standing and Running Rigging

CABLES, &c.

	Fathoms.	Inches.	Tested to.
Chain	90	1 1/16	59
Hempen Stream Cable	90	1 1/16	59
Hawser	90	9 1/2	
Towlines	90	9 1/2	
Warp			
All of <u>good</u> quality.			

ANCHORS, and their weights.

	No.	Weight.	Tested to.
Bowers	Iron Stock 1	430-10	33
	Wood 30	390-7	32.5
Stream,			
Kedge, J.S.	1	6.0.24	7-10

sufficient in size and good in quality.

She has one Long Boat and pinnace

The present state of the Windlass is good Capstan good Rudder good Pumps good

General Remarks and Statement and Date of Repairs, if any.

Order for Special Survey,

No. _____ Date Dec-1863

DATES of Surveys

held while building,

Order for Ordinary Survey,

No. _____ Date

as per Section 35.

1st. When the Frame is completed

2nd. When the Beams are put in, &c.

3rd, { When completed, and before the plank be painted or payed }

Specially Surveyed

This Vessel's frame is built with double floors all fore & aft, timbers of frame are generally natural crooks - 10 pairs of iron plates 5 by $\frac{3}{4} \times \frac{5}{8}$ full a few forward & aft, are worked on the outside & bolted with 1" iron, in every frame - Keelsons are well fitted thro' bolted & generally clenched under Keel - Upper deck Waterway is well fitted & bolted as per Table B - All the inside work is well seamed & fitted to timbers - Shelves, Clamps & Lower deck Waterways with all the material fastenings are well thro' bolted - Thick strakes are fitted & bolted as per Rule Section 36 - All openings are cut as per Rule Section 37 - The transverse sectional area of the Shelf pieces & Waterways are each equal in content to the transverse sectional area

	Side	Deck
Number of knees solid arms patent below	29	31
Length of Beam arm	4.0	4.0
" " side arm	18.9	6ft
Breadth of knee	4 1/2	4 1/2
Thickness at Butts of Timbers	3	
" " Angle	5 1/2	5 1/2
" " broad	3 1/2	3
Eye of Bolt	3 1/4	1 1/4
Chord bolts	1 1/8	1
Number of bolts Beam arm	4	4
Distance " " side arm	12	5
No of yellow metal bolts (Riders)	8.	

of the Beams of their respective depths at their ends as given in Table C -

Butts & Bridges are thus fastened as per Rule Section 46 -

She has a fair proportion of these fastenings all over & in our opinion eligible to Class 7 A.

Charles Riddell
J. A. Riddell

14.6.64
Present condition of Caulking of Bottom, good Deck, good and Waterways good

If Sheathed, Doubled, Felted, or Coppered.

When last done _____

We are of opinion this Vessel should be Classed 7 A

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

Special £ 55 : 14 :

Certificate £ : :

Committee's Minute 12th August 1864

Character assigned

A - for 7 Years

M.W.

LRF/PUN/QBCII38/461



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