

No. 2219 Survey held at Dumbarton Date August 5<sup>th</sup> 1864 Rec 8/8/64 2219  
on the Ship "Howard" Master Taylor  
Tonnage Old Built at Dumbarton When built 1864 Launched 7<sup>th</sup> Aug 64  
By whom built W. & J. Mullan & Son Owners Walter Grieve  
Port belonging to Greenock Destined Voyage India  
If Surveyed while Building, Afloat, or in Dry Dock whilst building

Length aloft	101	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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2219 *ges*Her Masts, Yards, &c. are in *Good* condition, and sufficient in size and length. *Yellow & Red Pine*

She has SAILS.

CABLES, &amp;c.

ANCHORS, and their weights.

N <sup>o</sup> .			Fathoms.	Inches.		N <sup>o</sup> .	Weight.
<i>A Double</i>	Fore Sails,	<i>Tested to 21 tons</i>	<i>270</i>	<i>1 1/2</i>	<i>Tested to 21 tons</i>	<i>3</i>	<i>25.3.1</i>
<i>Sail</i>	Fore Top Sails,	Chain .....	<i>90</i>	<i>10</i>	<i>One of Paton's patent</i>	<i>3</i>	<i>25.1.1</i>
<i>f</i>	Fore Topmast Stay Sails,	Hempen Stream Cable .....	<i>90</i>	<i>10</i>	<i>Stream,</i>	<i>1</i>	<i>9.0.8</i>
<i>Sails</i>	Main Sails,	Hawser <i>Chain</i> .....	<i>90</i>	<i>7</i>	<i>Kedge,</i>	<i>2</i>	<i>4.2.4</i>
and	Main Top Sails,	Towlines .....	<i>90</i>	<i>9</i>			<i>2.1.8</i>
		Warp .....	<i>90</i>	<i>7</i>			
		All of <i>Good</i> quality.					

Her Standing and Running Rigging *Good* sufficient in size and *Good* in quality.She has *One* Long Boat and *Two* StairsThe present state of the Windlass is *new* Capstan *new* Rudder *new* Pumps *new and efficient*

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

DATES of Surveys  
held while building,  
as per Section 35.

- 1st. When the Frame is completed *Built under ordinary Survey from 25<sup>th</sup> Aug<sup>r</sup>*  
 2nd. When the Beams are put in, &c. *to 5<sup>th</sup> Aug<sup>r</sup> 1864*  
 3rd. { When completed, and before the }  
       { plank be painted or payed }

*This vessel is fastened with Yellow Metal to the height of four fifths of the depth of Hold inclusive of the fastening of the Keels of the Cant Timbers, the remainder with Galvanized Bolts inclusive of all bolts in Ceiling as per Circular 160 Arch<sup>d</sup> W<sup>m</sup> Millar Esq.*

*The Hold Beams are spaced to suit the West India Trade as proposed, and sanctioned by the Committee in their Letter of the 24<sup>th</sup> Sept. 1862. It is fitted with 13 Pairs of Diagonal Straps on the inside of the Beams & crossing each other in midships and extending from Ripped Deck Beams to the Floors through Bolted in every Timber.*

*The Chains and Anchors have been tested at Stonebridge Wolverhampton, Testing Certificates dated 27<sup>th</sup> July 1864, and to refer the Committee to the Owners Letter and their reply dated 20<sup>th</sup> July 1864, with respect to the assigning of the figure 5 for Stows.*

Present condition of Caulking of Bottom, *Good* Deck, *Good* and Waterways *Good*If Sheathed, Doubled, Felted, or Coppered *Yellow T<sup>n</sup> on felt to the* When last done I am of opinion this Vessel should be Classed *10 A.*

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

*Ans<sup>d</sup> H* Special .....£ 5 : 5 : :

Certificate .....£ : : 5 : :

Committee's Minute *7<sup>th</sup> August 1864*Character assigned *1 for 10 Years*

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Foundation