

No. 3232 Survey held at Grangemouth Date 3rd June 1865
on the Brig *Mearns* (formerly *Adela*) Master *Thomas Jackson*
Tonnage *272* Built at *Grangemouth* When built *1865* Launched *13th May 1865*
By whom built *Messrs. Adamson & Co.* Owners *For Sale Bran dram Bro.*
Port belonging to *London* Destined Voyage *See list of annexes*
If Surveyed while Building, Afloat, or in Dry Dock *Surveyed while Building*

Length aloft	109	0	Extreme Breadth Outside	23	2	Depth of Hold	13	9
Thickness of Plank.								
Scantlings of Timber.			Outside.			Inside.		
TIMBER AND SPACE			Garboard Strakes ..			Limber Strakes		
Floors	8 1/2	8 1/2	Garboard to Bilge ..			Bilge Planks		
1 st Foothooks	8 1/2	8	Bilge Planks			Ceiling in Flat		
2 nd Ditto	4 1/2	4 1/2	Bilge to Wales			Ditto Bilge to Clamp		
3 rd Ditto	4	5 1/4	Wales			Hold Beam Clamps		
Top Timbers	6 1/2	5 1/4	Topsides			Deck Beam Ditto		
Deck Beams	8	6 1/2	Sheer Strakes			Ceiling 'twixt Decks		
Hold Beams	10 1/2	9	Plank Sheers			Hold Beam		
Keel	11 1/4	14	Water - Upper Deck			Deck Beam Ditto		
Scarp of Ditto	5 1/2	4 1/2	Ways - Lower Deck					
Keelsons	12 1/4	14 1/2	Ditto, faying surface					
Scarp of Ditto	5 1/2	5 1/3	Upper Deck					

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.								
Heel-Knee, & Deadw'd abaft	1	✓	Transoms and throats of Hooks	1 1/8	✓	Hold Beam	Waterway ..	3 1/4
Scarp of Keel, N° 1	3/4	✓	Arms of Hooks	3/4	✓	Bolts in	Knees	3 1/4
Keelson Bolts through Keel	1/2	✓	Thro' Bilge & Limber Strakes	1 1/2	✓	Deck Beam	Waterway ..	3/4
at each Floor	1/2	✓	Thickstuff over Double Floors	5/8	✓	Bolts in	Knees	3/4
Bolts thro' Heels of Timbers	3/4	✓	Butt End Bolts	3/4	✓		Shelf or Clamp	3/4
against Deadwood	3/4	✓	Pintles of the Rudder	3/4	✓	Nails or Bolts in Flat of Deck		5 1/2
						TreenailsInches	1 1/8

Timbering.—The Space between the Floor Timbers and Lower Foothooks is *2 1/4* Inches. The Space between the Top-Timbers is *4 1/2* Inches.
The Floors consist of *Baltic & English Oak* The First Foothooks of *Baltic & English Oak*
The Second Foothooks of *English Oak* The Third Foothooks and Top Timbers of *English Oak*
The Shifts of the First and Second Foothooks are not less than *1 1/2* of breadth N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are *sufficient*
The Frame is *well* squared from the First Foothook Heads upwards, and *fairly* free from sap, and from thence downwards, the frame is *square and sound*.

The *entire* Frames *are* bolted together to the Gunwale. N. B. If not, state how bolted.
The Butts of the Timbers are *fitted* close together; their thickness not less than *3 1/4* of the entire moulding at that place.
The Frame is *cross* chooked with *a* Butt at each end of the chook. The Main piece of Rudder is *English Oak* Windlass is *English Oak*
The Keel is *Amer. Elm & Birch* The Main Keelson is *American Oak* and *free* from all defects.
The Stem, and Stern Post of *English Oak* The Transoms, Knight Heads, Hawse Timbers, and Aprons of *English Oak* Deadwood, of *Amer. Elm to 2 feet* and are *free* from all defects.
The Deck and Hold Beams of *Baltic Oak* The Breasthooks of *Iron* The Knees of *Iron*

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is *American Elm*
From the above named Height to the Light Water Mark *Tamarac*
From the Light Water Mark to the Wales *Tamarac*
The Wales and Black-strakes are *Tamarac* The Topsides & Sheer-strakes *Tamarac*
The Spirketting and Plank-sheers *Tamarac* The Water-ways { Upper Deck *Baltic Red Pine*
Lower Deck *✓*
The Decks *Yellow Pine* State of *good*
The Shifts of the Planking are not less than *5* 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-strakes and Bilge-strakes are *Baltic Oak*
The Ceiling, Lower Hold, and between Decks *Baltic Oak & Tamarac* Shelf Pieces and Clamps *Tamarac*
Fastenings.—To Hold Beams *Iron straps around Timber and seven pairs of Rider Knees.*

Deck Beams *Iron straps around Timber and eleven pairs of Iron Hanging Knees.*
Number of Breasthooks *Five* Pointers *Round Stern* Crutches *Three*
Butts End Bolts are of *Yellow Metal* in the Bottom, and *Two* Bolt in each Butt End through and clenched.
Bilge and Limber Strakes *—* bolted through and clenched. Treenails of *Stringer Baltic* How Made *Circular*
Thickstuff over Double Floors *is* 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 *Adamant Co* Surveyor's Signature *Edward Rouchman*

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

She has SAILS,		CABLES, &c.		ANCHORS, and their weights.	
No.				No.	Weight, of
2	Fore Sails,	Chain <u>tested to 200 fms.</u>	180	1 1/16	9" 1" 10
1	Fore Top Sails,	Hempen Stream Cable	90	4	9" 1" 0
2	Fore Topmast Stay Sails,	Hawser	60	1 1/16	8" 0" 0
1	Main Sails,	Towlines	90	6 1/2	3" 1" 0
2	Main Top Sails,	Warp			
and <u>others as usual for a Baltic outfit</u>		All of <u>good</u> quality.		Kedge,	1 1" 2" 0

Her Standing and Running Rigging Wire & Hempen sufficient in size and good in quality.

She has One Long Boat and One other

The present state of the Windlass is efficient Capstan D. W. Rudder and Pumps 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	<u>Specially Surveyed from</u>
2nd. When the Beams are put in, &c.	<u>10th October 1864.</u>
3rd. { When completed, and before the plank be painted or payed }	<u>3rd June 1865.</u>

Request for Special Survey No. 128. - 18th October 1864.

The outside planking from the lower part of Keel up to the height of one fifth the depth of Hold below the upper side of Upper Deck, and the Keels of the Case Timbers are fastened with Yellow metal to the entire conclusion of Stern and the remainder including the inside fastening of Galvanized Iron, as required by the Rules Section 46. For vessels claiming an additional year.

Adamson & Co

Present condition of Caulking of Bottom, Pieces cut out, where seen Deck, good and Waterways good

If Sheathed, Doubled, Felted, or Coppered ✓ When last done ✓

I am of opinion this Vessel should be Classed 819. A. 1.

The Amount of the Fee.....£ 3 : 0 : 0 is received by me,

Special£ 11 : 4 : 0

Certificate£ 14 : 4 : 0

Committee's Minute 13th June 1865

Character assigned A 1 for 9 Years
(A. & C. P.)



© 2021

Lloyd's Register
Foundation