

1 or 2 Decks.

IRON OR STEEL STEAMER.

Received at London Office.

State if Report is also sent on the Machinery of the Vessel *Yes*Date of completion of Report *April 4th 1893* Port of *Aberdeen*4529
WED. 5 APR 1893No. *4529* Survey held at *Aberdeen* Date, First Survey *Oct 31st 1892* Last Survey *April 4th 1893*On the *Screw Steam Trawler "Hermes"* Rig *Sketch*
Tonnage under Deck... *151.84* ONE ~~OR TWO~~ DECKED VESSEL.Master *E. Nielsen*Year of appointment *(1) As master in service of owner of present vessel 1892*
*(2) As master of this vessel 1893*Built at *Aberdeen* When built *1893* Launched *March 18/93*By whom built *Messrs A. Hall & Co.*Owners *Anglo-Norwegian Steam Fishing Co. Ltd.*Managers *(Where necessary to be entered in Reg. Book.)*Residence *St. Andrews Dock, Hull*Port belonging to *Hull*If Surveyed while Building, Afloat, or in Dry Dock *Building afloat*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH—Top of Floors to Main Deck Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
<i>102.10</i>	<i>102</i>	<i>10</i>	<i>20</i>	<i>6</i>		<i>11</i>	<i>3</i>		<i>60</i>		<i>One</i>	

Dimensions of Ship per Register, Length, *104.9* breadth, *20.75* depth, *11.4*.Moulded Depth, ft. *11* ins. *9*. Round of Beam *6* inches.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates depth and thickness	<i>4 1/2 x 1 3/8</i>	<i>6 1/2 x 1 1/2</i>
STEM, moulding and thickness	<i>4 1/2 x 1 3/8</i>	<i>5 1/2 x 1 1/2</i>
STERN-POST for Rudder do. do.	<i>6 x 2 1/2</i>	<i>5 1/2 x 2 1/2</i>
" for Propeller		
MAIN PIECE of Rudder, diameter at head	<i>3 3/4</i>	<i>3 3/4</i>
do. at heel	<i>2 1/2</i>	<i>2 1/2</i>

RUDDER, how constructed *Forged & plated*
Can the Rudder be unshipped afloat? *Yes*

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule.	Inches per Rule.	16ths or 20ths in Ship.
FRAME, Angles, or Bars, for 1/2 length amidships	<i>3</i>	<i>2 1/2</i>	<i>5</i>	<i>3</i>	<i>2 1/2</i>	<i>5</i>
Do. for 1/2 at each end	<i>3</i>	<i>2 1/2</i>	<i>5</i>	<i>3</i>	<i>2 1/2</i>	<i>5</i>
Do. in way of Double Bottoms						
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>21</i>		<i>21</i>			
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	<i>12</i>		<i>5</i>	<i>12</i>		<i>5</i>
" in way of Engines and Boilers			<i>6.4</i>		<i>6.4</i>	
" thickness at the ends of vessel			<i>5</i>		<i>5</i>	
" depth at 1/2 the half breadth, as per Rule	<i>6</i>		<i>6</i>			
" height extended at the Bilges <i>As per approved plan 24</i>						
FLOORS & BRACKETS, in Cell Dble Bottoms						
" Distance apart						
CENTRE GIRDER, in Double Bottom, depth and thickness						
" Angles, Top Bottom						
SIDE GIRDERS, number and thickness						
" Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" Angles						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" thickness in Engine and Boiler space						
" " Remainder in Holds						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5 1/2</i>	<i>3</i>	<i>4</i>	<i>5 1/2</i>	<i>3</i>	<i>4</i>
" Angles on Upper Edge	<i>4.2</i>		<i>4.2</i>			
" Average space						
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Average space						
BEAMS, Hold, Plate or Tee Bulb						
" Angles on Upper Edge						
" Average space						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Average space						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Average space						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Average space						
PILLARS, In 'tween Decks, Size and Spacing	<i>2 1/2</i>	<i>4.2</i>	<i>2 1/2</i>	<i>4.2</i>		
" " Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
" " " Brdth. & Thickness						
" No. of Side Stringers						
WEB FRAMES, In After Body, No. and Spacing						
" " " Brdth. & Thickness						
" No. of Side Stringers						
" Size of Angles or Tee Bars to Web Frames						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule.	Inches per Rule.	16ths or 20ths in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>9</i>		<i>10</i>	<i>9</i>		<i>10</i>
" Rider Plate						
" Bulb Plate to Intercoastal Keelson						
" Horizontal Plates on Floors						
" Angles	<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>	<i>8</i>
SIDE KEELSON, Angles						
" Bulb or Plate above floors for lng						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Bulb or Plate above floors for len.						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
BILGE STRINGER Angles						
" Bulb Plate for length						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
SIDE STRINGER Angles	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Bulb or Intercoastal Plate for lng.						
Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thknss	<i>24</i>		<i>23</i>	<i>6</i>		
" Angle on ditto	<i>3 x 3 x</i>	<i>6</i>	<i>3 x 3 x</i>	<i>6</i>		
" Tie Plates fore & aft, outside Hatchways	<i>10</i>		<i>7</i>	<i>6</i>		
" Diagonal Tie Plates on Bms., No. of Pairs						
" Flat of Dk* Iron or Steel for lng. in way of lng.	<i>6 x 10</i>		<i>6</i>			
" " Wood Pine Material & thickness	<i>3</i>		<i>3</i>			
" How fastened to Beams	<i>2 bolts & nuts</i>		<i>2 bolts & nuts</i>			
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Flat of Deck* Material and thickness						
" How fastened to Beams						
Hold Stringer Plate, on ends of Beams						
" Angles on ditto, No.						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Flat of Deck, Material and thickness						
Bridge Deck Stringer Plate, brdth & thickness						
" Angle on ditto						
" Tie Plates						
" Flat of Deck, Material and thickness						
Forecastle Deck Stringer Plate, brdth & thcknss						
" Angle on ditto						
" Tie Plates						
" Flat of Deck, Material and thickness						

PLATING.

	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule.	Inches per Rule.	16ths or 20ths in Ship.
FLAT PLATE KEEL, breadth and thickness					
" d'bling or incr'd thcknss, & lngth appl.					
PLATES in Garboard Strakes, brd'th & thickness	<i>3.5</i>	<i>8</i>	<i>3.0</i>	<i>7</i>	
" From Garboard to lower part of Bilges		<i>7</i>		<i>6</i>	
" State Thickness of Plating in way of Double Bottom					
" Bilges, number of Strakes and thickness	<i>One</i>	<i>7</i>	<i>One</i>	<i>6</i>	
" Of doubling at Bilge, or increased thickness, and length applied					
" from up. part of Bilge to lr. edge of Sh'rstrake		<i>7</i>		<i>6</i>	
" Sheerstrake, breadth and thickness	<i>3.3</i>	<i>9</i>	<i>2.0</i>	<i>4</i>	
" Of d'bling at Sh'rstk. & lng. applied					
" Poop Sides					
" Raised Quarter Deck Sides					
" Bridge Sides					
" Forecastle Sides					
Lengths of Plating					

4529 Alm

Ceiling betwixt Decks, thickness and material			BULKHEADS.		No. in Vessel	3	No. Reqd. by Rule	3
in hold	do.	do.	2 1/2 pine	W. T. BULKHEADS	Thickness.	1/4	Angles.	Vrtcl. 3 x 2 1/2 x 20 30
							Spacing.	2 to dk 1 to W flat
							Height up.	dbl
							Sngl. or Dbl. Frames.	
Number of Breasthooks			Two	PARTITION...	Vrtcl.			
Crutches			Deep floors & transoms	LONGITUDINAL	Hrztntl.			
					Vrtcl.			

Are the outside Plates doubled two spaces of Frames in length? Yes

The **FRAMES** extend in one length from Keel to gunwale Riveted through Plates with 3/4 in. Rivets, about 5 apart

The **REVERSED ANGLE** on floors and frames extend from Middle Line to above side Stringer on every frame

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.

Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets 1 in. diameter, averaging 5 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 3/4 in. diameter, averaging 3 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, treble or double riveted; treble for whole length, with rivets 3/4 in. dia., averaging 2 1/2 ins. from cr. to cr.

" " " overlapped for 1 length, treble riveted for 1 length; with rivets 3/4 in. dia., averaging 1 ins. from cr. to cr.

Butts of Strakes at Bilge for whole length, dbl riveted with Butt Straps 50 thicker than the plates they connect. for half length

Edges from Bilge to Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 in. diameter, averaging 3 ins. from centre to centre.

Butts from Bilge to Sheerstrake, worked carvel, treble or double riveted; treble for whole length; with rivets 3/4 in. dia., averaging 2 1/2 ins. from cr. to cr.

" " " overlapped for 1 length, treble riveted for 1 length; with rivets 3/4 in. dia., averaging 1 ins. from cr. to cr.

Edges of Sheerstrake, double or single riveted. **Butts of Sheerstrake**, treble riveted for at break length amidships.

Butts of Main Stringer Plate, treble riveted for whole length amidships. **Single or Double Butt Straps to Stringer Plate** for lapped length.

Butts of Inner Bottom Plating riveted for 1 length. **Butts of Centre Girder** riveted.

Breadth of edge laps of Shell Plating in double riveting 4-2 **Breadth of edge laps of Shell Plating** in single riveting 1

Butt Straps of Shell Plating breadth and thickness 9/16 x 11/16 20, 20, 20, 20 **Butts, if Lapped, breadth of laps** 1

Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted? Treble & dbl riv

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? Siemens's Martin, Consett, Motherwell, Stockton No. 1 Co

Workmanship. Are the butts of plating planed or otherwise fitted? Yes planed

Is the riveted work properly closed? Yes

Are the liners between the frames 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 faying surfaces? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Very few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS...	Fore	Pine	50 ft	14	12	11	9				
	Main	Steel	37	13 x 20	13 x 20	10 1/2 x 20	8 x 20	two		dbl riv	dbl riv
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds <u>Wire 2 1/2</u> Stays <u>3 1/2 Wire</u>											
Sails. <u>One</u> Suit of <u>fore & aft</u> Sails, and the following spare sails <u>1</u>											

EQUIPMENT No. For trawlers LETTER 151 W.D. tons ANCHORS.

Number of Certificate.		WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY RULE			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
14386	1st Bower ..	4	3	14	1	0	21	4	5	0	0	4	2	0	Rodgers	not known	Tipton 13, 91 C.R. Smith
33431	2nd ..	4	0	14	1	0	14	6	10	0	0	4	0	0	do	N. Hingley & sons	Netherton 15, 3, 93 D. Lewis
33430	3rd ..	2	2	5	0	3	5	5	2	2	0	2	2	0	do	do	do do
	Collective weight	11	2	5								11	0	0			
	Stream																
	Kedge																
	2nd Kedge ..																

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	WEIGHT OF CHAIN CABLE		Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.
				Cwts.	qrs.								
23602	75.5 ft	15/16	23 7/8	33	3	7.5 fath. 15/16	Stud link	N. Hingley & sons	Netherton 13/3/93 D. Lewis	Towline*	65	5 1/2	6.0 fath. 5 1/2
										Hawser	60	3 1/2	6.0 fath. 3 1/2

Iron Steam Chain or Steel Wire ...
Towline* if steel wire

Boats One good

Pumps, Number Two Diameter of Barrel and Tail Pipe 6 x 3 and 3 x 1 1/2

The Windlass is Good Capstan 1

Engine Room Skylights.—How constructed? Leak

What arrangements for deadlights in bad weather? Slide rods and pins

Coal Bunker Openings.—How constructed? Cast-iron How are lids secured? a clutch Height above deck? flush

Number of **Scuppers**, and number and dimensions of **Freeing Ports**, &c. 3 Scuppers and 3 ports 22 x 15 1/2 on each side

Cargo Hatchways.—How formed? W.I. comings Hatches, if strong and efficient? Solid 2 1/2 x 3

State size **No. 1 Hatch** (Forward) 3.6 x 4.0 **No. 2 Hatch** 3.6 x 4.0 **No. 3 Hatch** 1 **No. 4 Hatch** 1

Number of **Web Plates**, **Shifting Beams**, and **Fore and Afters** to each Hatch 1

Bulwarks, height above deck and description W.I. 4 Main Rail, material and size 7 x 3 built angle

The above is a correct description.

Builder's Signature, (here only.) M. Hall Geo Surveyor's Signature, G. Lisle Hindmarsh

Surveyor to Lloyd's Register of British and Foreign Shipping.

Form No. 1 A.

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4529 Alm

Order for Special Survey No. 81
Date Oct 27 1892
Order for Ordinary Survey No. 347
Date
No. 347 in builder's yard.
1st. On the several parts of the frame, when in place, and before the plating was wrought 1892 October 31 November 2 9 14 17 21 23
2nd. On the plating during the process of riveting 26 29 December 3 6 8 13 15 19 23 27
3rd. When the beams were in and fastened, and before the decks were laid 29 1893 January 9 11 16 18 21 24 26 30
4th. When the ship was complete, and before the plating was finally coated or cemented February 1 9 18 21 27 March 1 4 8 14 16 18
5th. After the ship was launched and equipped 20 21 24 27 30 April 1 4
Total No. of Visits 44
State dates and initials of letters respecting this case Oct 29 1892 M Jan 2 1893 16
General Remarks (State quality of workmanship, &c.)

This is a steel built vessel, constructed under Special Survey, in accordance with the Rules, and the approved tracings. The material and workmanship are good. The tracing of the midship section was forwarded on the 1st instant, and there are now enclosed, the longitudinal, and pumping plans, and stern, and rudder frame forging certificates.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.5 ft., R.Q.D. or Break 21.5 ft., Bridge Dk. ft., F'castle ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) One deck, pine
Official No. ; Signal Letters

PARTICULARS OF WATER BALLAST.—

Double bottom, aft, length and water capacity in tons Double bottom, forward, length and water capacity in tons
Double bottom, under engines and boilers, length and water capacity in tons If under Engines only, or Boilers only, state which
Double bottom, constructed on the cellular system, length and water capacity in tons
Fore peak tank, water capacity in tons After peak tank, water capacity in tons
Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons
The above have been tested as required by the Rules.
(If necessary, furnish further information by sketch.)
How are the surfaces preserved from oxidation? Inside Cement and paint Outside paint

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated

In Summer	ft.	ins.	To top of Wood, Iron or Steel Upper Deck.
In Winter	ft.	ins.	
For Winter in North Atlantic	ft.	ins.	
Fresh Water above the centre of disc	ins.		

State if marked on Vessel's sides in accordance with Notice No. 572

The amount of Entry Fee £ / : : is received by me, 6/4/93
Special ... £ 4 : 5 :
Certificate* £ gratis
Travelling Expenses, if any £ : :

*Certificate to be sent to Aberdeen

I am of opinion this Vessel should be Classed 100 A Steel Steam Trawler

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned

FRI 7 APL 1893

100 A1 Steel

Large Steam Trawler
+ 100 A1 (Steel) Steam Trawler

This Vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted that she is eligible to be classed + 100 A1 ("Steel") Steam Trawler as recommended.

+ 100 A1 (Steel) Steam Trawler

Certificate written.

ABM 11-0141 (292)

Lloyd's Register
Foundation