

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 58743

State if Report is also sent on the Machinery of the Vessel

Date of completion of Report

14-11-8

Date, First Survey

29 July 908

Received at London Office

19 NOV 1906

Port of Newcastle

Last Survey

11-11-1908

Rig Ketch

Master D.J. Davies

Year of appointment

(1) As master in service of owner of present vessel:—1908  
(2) As master of this vessel:—1908

Survey held at North Shields

On the

Steam Hawker

KIRKLAND

TONNAGE under Tonnage Deck

196.95

Do. of Poop

10.37

Do. of Engine Room

12.54

Do. of Forecastle

4.59

Do. of Houses on Deck

12.54

Do. of excess of Hatchways

4.59

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**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.	RIVETING.			
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.		EDGES.	BUTTS.	EDGES.	BUTTS.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Thickness.	Thickness.	Thickness.
FLAT PLATE KEEL (If Bar Keel, state Riveting)									
GARBOARD OF A Strake	4 1/2	9	8	8	8	Double	4 1/2	3/4	3/8
State actual thickness in way of Double Bottom.	5 1/2	9	8	8	8	Double	4 1/2	3/4	3/8
Sheer	5 1/2	10	8	8	8	Single	3/4		
F									
G									
H									
J									
K									
L									
M									
N									
O									
P									
DOUBLING OF Flat Plate Keel									
Length and thickness of Bilges									
Length and thickness of Sheerstrakes									
Length and thickness of Strake below									
POOF SIDES		10	8	8					
RAISED QUARTER DECK SIDES									
BRIDGE SIDES			7/30						
FORECASTLE SIDES									
LENGTHS OF PLATING									

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Cassell Steel & Iron Co. Ltd.*

*Siemens-Martin*

Has the Steel been tested as required by the Rules *yes*

FRAMES extend in one length from *keel to gunwale* state if ordinary or joggled *ordinary*

REVERSED FRAMES on floors and frames extend from *side to side in engine room* state if ordinary or joggled *ordinary*

**MASTS, SPARS, &c.**

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.
			At Partners.	Heel.	Hounds.		Head.	Number.	
Fore	P.Pine	40-6	13						
Main	Do.	35-6	11						
Mizen									

Bowsprit *✓*

Topmasts, Yards and Remainder of Spars *hole for masts - 9 ft. 9 in. of spruce*

Rigging, Material and Size, Shrouds *main 3/4 in. 2" steel wire* Stays *steel wire main 3/4 in. 2" mizen 3/4 in. 2"*

Sails. *one suit of fore and aft* Sails and the following spare sails

Equipment No. *✓* Letter *✓* Tonnage U.D.K. or Plating No. for Trawlers *5097*

**ANCHORS.**

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
61444	1st Bower	5	1	5	4	1	10	4	1	10	4	1	10	Ordinary	Jones & Co. Herts. 9-9-8	Haffner
61442	2nd "	4	3	19	1	1	2	4	7	2	4	3	1	"	"	"
61443	3rd "	2	2	8	2	2	6	5	2	2	2	2	1	"	"	"
	Collective weight	12	3	4				13	2	2						
	Stream															
	Kedge															

**CHAIN CABLES.**

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and Size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.	Per Table 22.				
41937	20' 1-18"	24	46.2	47.45	54	20'	Steel	Jones & Co. Herts. 9-9-8	Haffner

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and Size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 22.
								Fathoms.	Inches.		

**Boats** *one wooden dingy.*

**Pumps, Number** *4* Diameter of Barrel *4"* State whether they are in efficient working order *yes*

**Windlass** *a hand one* Capstan *none, 1 steam winch*

**Engine Room Skylights**—How constructed? *Steel plates & bars.*

What arrangements for deadlights in bad weather? *leaky flaps with strong bullseyes*

**Coal Bunker Openings**—How constructed? *cast iron* How are lids secured? *locked* Height above deck? *flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *4 wash ports 18" x 12" 6 scuppers.*

**Ceiling in Holds**, thickness and material *2" white wood* Cargo Battens, thickness and material *none*

**Cargo Hatchways**—How formed? *none, only scuttles* Hatches.—If strong and efficient? *yes*

State size No. 1 Hatch (Forward) *✓* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*

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

No. of Breasthooks *2* No. of Crutches *2*

**Bulwarks**, height above deck and description *2' 10" 1/2 steel plate* Main Rail and Stays, material and size *1/2" x 3/4" BA 1/2" x 3/4" BA*

The above is a correct description. *FOR SMITH'S DOCK Co. LTD*

Builder's Signature (here only) *G. A. Green* Surveyor's Signature *C. J. Mares* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *M-24-3-8*

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

Is the riveted work properly closed? *yes*

Are the liners between the frames and plates solid single pieces? *yes; joggled shells.* 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 facing surfaces? *yes* Do any rivets break into or through the seams or butts of the plating? *a few*

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *yes* State results of tests. *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes* State results of tests. *Satisfactory*

**General Remarks** (State quality of workmanship, &c.)

*This vessel has been built in accordance with the Approved plans forwarded herewith, 2 in number, with the Secretary's letters & otherwise with the Society's Rules*

*The material & workmanship are good.*

*Please return the approved plans for the completion of a sister vessel, No. 391.*

*A photo of the approved midship section is forwarded herewith for retention in London.*

The Surveyor should state the Number of Report and Name of any Sister Vessel. *✓*

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *✓* ft., R.Q.D. or Break *67* ft., Bridge Dk. *✓* ft., F'castle *90* 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) *1 dk.*

Official No. *✓*; Signal Letters *✓* State, if Machinery is fitted aft *yes*

How are the surfaces preserved from oxidation? Inside *Paint & paint* Outside *paint*

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where fitted.	*Length.		Water Capacity.	Where fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,				Fore peak tank,			
Double bottom, under Engines and Boilers,				After peak tank,			
Double bottom, if under Engines only,				Deep tank, aft,			
Double bottom, if under Boilers only,				Deep tank, forward			
Double bottom, forward,				Other tanks, if fitted,			

Total capacity of double bottom *1000* State whether the above have been tested as required by the Rules *✓*

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *4050* Date *30.6.08* in builder's yard *✓*

Fees applied for, *18 NOV 1908*

Special *10:00* Received by me, *22.11.1908*

Travelling Expenses, if any *✓*

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *100A1 Steam Trawler*

With, or without Freeboard, as condition of Class *without*

**Committee's Minute** *FRI. 20 NOV 1908*

Character assigned *100A1 Steam Trawler*

*Lloyds A & B. P. + Lmb 1008*

*C. J. Mares* Surveyor to Lloyd's Register of British and Foreign Shipping.

*W861-01672*