

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office TUE JAN. 26, 1915

Date of completion of report  
Survey held at *Selly*

23 - 1 - 15 Port of *Hull*

Date, First Survey 24 - 7 - 14 Last Survey

No. 28225  
29 - 12 - 1914

On the (State if Single, Twin, or Triple Screw) *STEAM TRAWLER "TAIPO"*

Rig *Yawl*

TONNAGE under 226.94

CLASS *+100A.1*

FEET.

Master

Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk.

Breadth (greatest moulded) 22.125

Year of appointment

(1) As Master in service of owner of present vessel:—191  
(2) As Master of this vessel:—191

Do. of Poop  
Do. of R.Q. Dk.  
Do. of Bridge House *break 13.91*

Depth, at middle of length from top of keel to top of upper deck beams at side 12.75

Built at *Selly*

Do. of Forecastle  
Do. of Houses on Dk. *6.09*

Transverse Number 34.875

When built 1914 Launched 22 September 1914

Do. of excess of Hatchways  
Do. above Crown of Engine Room ..

Length on deck from fore part of stem to after part of stern post 175.1

By whom built *Cochrane & Sons Ltd.*

Gross Tonnage 246.92

Longitudinal Number 43591

Owners *H. L. Taylor*

Less Crew Space  
Less above Crown of Engine Room ..

Depth "d," at middle of length (See Secs. 2 & 13) 11.42

Managers

(Where necessary to be entered in Reg. Book.)

TONNAGE FOR FEES. 246.92

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 9.8

Residence *Grimby*

Engine Room 118.83  
Vigilation Spaces 8.60

" " Long Bridge Deck Beam at side to top of keel

Port belonging to *Grimby*

er Tonnage 119.49

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, or in Dry Dock

FEET.	INCHES.	BREADTH—	FEET.	INCHES.	DEPTH, ACTUAL—	FEET.	INCHES.	No. of Decks with flat laid
175	0	Moulded	22	1 1/2	Do. do. do. do. do.	12	0	No. of Tiers of Beams

Moulded depth, ft. 12 ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 27 ins.  
Moulded depth, ft. 12 ins. 9 To Upper Dk. Dk. Beam, Actual 27 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
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ME, Angles, or *E or L* Bars amidships 4 3 7/16 4 3 7/16  
in peaks *throughout*

in way of Double Bottoms at Solid Floors...  
" " at intermdt. Bkts. 20 20

ing of Frames from centre to centre amidships *from 1/2 length to Collision bulkhead*  
" " " in peaks *between frames 58 to 65*

ERSED FRAME, Angles... 2 1/2 2 1/2 5/16 2 1/2 2 1/2 5/16  
in way of Double Bottoms at Solid Floors... *double 2 1/2 spaces*

" " at intermdt. Bkts. ✓

ing of Frames from centre to centre amidships *from 1/2 length to Collision bulkhead*  
" " " in peaks *between frames 58 to 65*

ERSED FRAME, Angles... 2 1/2 2 1/2 5/16 2 1/2 2 1/2 5/16  
in way of Double Bottoms at Solid Floors... *double 2 1/2 spaces*

" " at intermdt. Bkts. ✓

MING, depth of girder

ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships... 16 8/16 16 8/16

in way of Engine and Boiler Spaces 8 1/6 8 1/6 8 1/6 8 1/6

thickness at the ends of vessel 8 1/6 8 1/6

depth at 1/2 the half breadth, as per Rule ... *at 1/2 floor horizontal*

height extended at the Bilges

ORS in Cell. Double Bottoms...

state if flanged (top & bottom)...

Spacing of Solid floors

TRE GIRDER, in Dbl. bottom, dpth. & thknss.

" " Angles, Top

" " " Bottom

" " " to Floors

Brackets at intermdt. frmg., wdth & thknss

E GIRDERS, number on each side & thickness

state if flanged (top and bottom)

" " Angles (top and bottom)

" " " to Floors

RGIN PLATE, depth (exclusive of flange) and thickness

Angle to Outside Plating

" " Floors

Brackets at intermdt. frmg., wdth & thknss

Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake

" " in Engine and Boiler space

" " Remainder in Holds

AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 5 3 8/16 5 3 8/16

In way of Long Bridge *in alternate frames*

Spacing

AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Spacing

AMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Angles on upper edge

Spacing

### PILLARS.

PILLARS, In 'tween Deck, size and spacing

" " Hold 2 1/2 x 3/4 x 3/4

" " Quarter 'tween Dks., " "

" " in Hold " "

### KEELSONS & STRINGERS

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

" Rider Plate

" Flat Plate Keel Angles

" Horizontal Plates on Floors

" Angles or Bulb Angles 4 3 7/16 4 3 7/16

SIDE KEELSONS, Number

" Angles or Bulb Angles

" Plate above floors, for length

" Intercoastal Plate, for length

" Attached to outside Plating with Angle

BILGE KEELSON, Angles 3 3 6/16 3 3 6/16

" Intercoastal Plate for length

" Attached to outside Plating with Angle

SIDE STRINGERS, Number

" " Angle 13 3 6/16 3 3 6/16

" " Intercoastal Plate, for length

" Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) 50 5/16 50 5/16

" " " " br'dth & thickness (in way of Bridge) 3 x 3 6/16 3 x 3 6/16

" " " " Angle (clear of Bridge) 8 6/16 8 6/16

" " Tie Plate at sides of Hatchways

" Deck \* Iron or Steel, for *per Deck plan*

" " Thickness (clear of Bridge)

" " (in way of Bridge)

" Wood Deck. Material & thickness *P. Pine 5 x 3* 5 x 3

Second Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck \* Iron or Steel, for lng.

" Wood Deck. Material & thickness

Third Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates, outside Hatchways

" Deck \* Material and thickness

Fourth and Fifth Deck Stringer Plate, breadth & thickness

" " Angles on ditto, No.

" " Tie Plates outside Hatchways

" " Deck. Material & thickness

Poop Deck Stringer Plate, breadth & thickness

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

Forecastle Deck Stringer Plate, br'dth & th kns

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

WEB FRAMES.

Inches in Ship.

Inches in Ship.

Inches per Rule.

Inches per Rule.

WEB-FRAMES, In Fore Body, No. and spacing

" " brdth. & thickness

" " No. of Side Stringers " "

WEB-FRAMES, In E. & B. Space, No. & spacing

" " brdth. & thickness

WEB-FRAMES, In After Body, No. and spacing

" " brdth. & thickness

" " No. of Side Stringers " "

" " Size of Face Angles to Web-Frames.....

BRACKET PLATES to Stringers between Web Frames, depth and thickness.....

BULKHEADS.

Number.

Thickness.

STIFFENERS.

Single or Double Frames.

Height up state deck.

Vessel.

Per Rule.

Horizontal.

Vertical.

Size.

Spacing.

Size.

Spacing.

W.T.BULKHEADS

4.

3

Stringer

28' x 26' brackets

4 x 3 x 40 24' single bulk.

3

5' x 3 x 34' 30

2

5' x 3 x 36' 30

1

6' x 3 x 40 24

" COLLISION "

" PARTITION "

" LONGITUDINAL..

FORGINGS or CASTINGS.

Inches in Ship.

Inches per R. L. Or as Appo. ed.

KEEL, Bar, depth and thickness

7 1/2 x 1 5/8

7 1/2 x 1 5/8

STEM, moulding and thickness

7 1/2 x 1 5/8

7 1/2 x 1 5/8

STERN-POST for Rudder do. do.

6 x 3

6 x 3

" for Propeller

6 x 3

6 x 3

RUDDER—A x D\* Table 22. Speed under 10 knots

63.8

" Main-Piece, diameter at head

4 1/2

4 1/2

" " at heel

3 3/4 x 3 1/2

2 3/4 x 2 1/4

RUDDER, how constructed

2' 6" x 2' 6" Iron.

" Thickness of Plates or Single Plate

26

Can the Rudder be unshipped astoat?

Yes.

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, Plating, &c.?

W. & A. M. & Co. Ltd.

Has the Steel been tested as required by the Rules?

Yes.

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

AMIDSHIP.

FORWARD.

AFT.

AMIDSHIP.

Breadth.

Thickness.

Thickness.

Thickness.

Breadth.

Thickness.

Breadth.

Thickness.

FLAT PLATE KEEL.....

GARBOARD OR A STRAKE

State actual thickness in way of Double Bottom.

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

THICKNESS OF STRAKE

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DECK OF Flat Plate Keel

" Sheerstrakes

Length and thickness.

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

RIVETING.

EDGES.

BUTTS.

Ordinary or Joggled?

Double or Treble and for what Length.

RIVETS.

RIVETS.

STRAPS.

IF LAPPED.

Single or Double.

Breadth of Lap.

Diam.

Spacing or to cr.

Diam.

Spacing or to cr.

Breadth.

Thickness.

Breadth.

For what Length.

Double

4 1/2

3/4

3 1/2

Double

3/4

2 5/8

9/4

5/8

5

fall

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck

Butts, Riveted for

full

length amidship.

Stringer Plate

Straps, single, double or overlapped for

full

length amidship.

Second Deck

Butts, Riveted for

full

length amidship.

Stringer Plate

Straps, single or overlapped for

full

length amidship.

Butts of Side Stringers

Riveted

Tie Plates

Riveted

Inner Bottom Plating, riveting of Edges

Butts

Centre Girder Butts, Riveted

Keelson Butts, Riveted

Frames, riveted through Plates with

5/4

in. Rivets, about

5/4

apart.

Rivets, state whether Iron or Steel

Iron.

FRAMES extend in one length from

Keel

to Gunwale.

State if ordinary or joggled

ordinary

REVERSED FRAMES on floors and frames extend from

Belge to Belge.

State if ordinary or joggled

ordinary

MASTS, SPARS, &c.

Material.

Total Length.

DIAMETER AND THICKNESS.

No. of Plates in round.

ANGLES.

RIVETING.

At Partners.

Head.

Head.

Number.

Size.

Seams.

Butts.

LOWER MASTS.....

Fore

Main

Mizen

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

P. & P. Pole mast.

Steel

P. Pine.

Galv. Steel wire.

Suit of one.

Sails, the following spare sails

Galv. Steel wire.

EQUIPMENT No.				LETTER				ANCHORS. 3				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 4359								
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Dist. Superintendent.				
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.			
17461	1st Bower ...	7	1	0	8	1	0	9	9	1	14	7	0	1	0	Yellow's (C.S. 112)	Yellow's Iron	Cradley Heath 8/9/14	Adm. Insp.	
17462	2nd " ...	6	1	16	"	"	"	8	12	2	0	6	1	0	"	"	"	"	"	
17463	3rd " ...	2	3	18	0	3	0	5	7	2	0	2	3	10	Ordinary	"	"	"	"	
	4th " ...																			
	Collective weight.	16	2	6								16	0	0						
	Stream .....																			
	Kedge .....																			
CHAIN CABLES.										HAWERS AND WARPS.										
Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory. Breaking. Tons.	WEIGHT OF CHAIN CABLE Supplied.		Length and Size per Table 31. Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied. Length. Cir.		Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Cir.						
	Fathoms.	Ins.		Cwts.	qrs.						lbs.	Fathoms.		Ins.	Fathoms.	Ins.				
15674	105	1 1/2	20.3	30.4	60.2	70.2	60.2	18	105	1 1/2	Steel Link.	Yellow's Iron	Cradley Heath 30/4/14	80 Paul.	TOWLINE	Fathoms. <td>Ins.<td>Tons.<td>Fathoms.<td>Ins.</td></td></td></td>	Ins. <td>Tons.<td>Fathoms.<td>Ins.</td></td></td>	Tons. <td>Fathoms.<td>Ins.</td></td>	Fathoms. <td>Ins.</td>	Ins.
															HAWSELS & WARPS	60	6	1/2	60	6
																60	4 1/2		60	4 1/2
	Iron Stream Chain or Steel Wire																			
<b>Boats</b> <i>the 9 food</i> <b>Steering Gear, Steam</b> ✓ <b>Steering Gear, Hand</b> <i>title</i>																				
<b>Pumps</b> , Number <i>4</i> Diameter of Barrel <i>20 1/2, 20 1/4</i> State whether they are in efficient working order <i>yes</i>																				
<b>Windlass</b> is <i>Grinnell &amp; Brown Steam Hand</i> <b>Capstan</b> ✓																				
<b>Engine Room Skylights</b> .—How constructed? <i>Leak</i> What arrangements for deadlights in bad weather? <i>Seals flaps &amp; bulls' eyes</i>																				
<b>Coal Bunker Openings</b> .—How constructed? <i>C. I. Doors</i> How are lids secured? <i>locked</i> Height above deck? <i>flush</i>																				
Number of <b>Scuppers</b> , and numbers and dimensions of <b>Freeing Ports, &amp;c.</b> <i>6 Scuppers &amp; 4 weath. Ports (3 @ 18 x 12; 1 @ 21 x 10) each side</i>																				
<b>Ceiling in Holds</b> , thickness and material <i>2 P. Pine</i> <b>Cargo Battens</b> , thickness and material ✓																				
<b>Cargo Hatchways</b> .—How formed? <i>Scuttles</i> <b>Hatches</b> , If strong and efficient? <i>yes</i>																				
State size <b>No. 1 Hatch</b> (Forward) ✓ <b>No. 2 Hatch</b> ✓ <b>No. 3 Hatch</b> ✓ <b>No. 4 Hatch</b> ✓																				
Number of <b>Web Plates</b> , <b>Shifting Beams</b> and <b>Fore and Afters</b> to each Hatch ✓ <b>No. of Breasthooks</b> <i>2</i> <b>No. of Crutches</b> <i>1 &amp; deep floors</i>																				
<b>Bulwarks</b> , height above deck and description <i>Steel 45 x 31</i> Main Rail, material and size <i>6 1/2 x 3 x 40</i>																				
The foregoing is a correct description <b>FOR COCHRANE &amp; SONS LTD</b> Surveyor's Signature <i>P. C. Laws</i> Surveyor to Lloyd's Register of Shipping.																				
Builder's Signature (here only) <i>Boochmaney</i>																				
<b>Correspondence</b> .—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																				
<i>M. 24/5/14 E. 24/6/14</i>																				
<b>Workmanship</b> . Are the butts of plating planed or otherwise fitted? <i>planed</i>																				
Is the riveted work properly closed? <i>yes</i>																				
Are the liners between the frames and plates solid single pieces? <i>yes</i> Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? <i>yes</i> Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? <i>yes</i> Do any rivets break into or through the seams or butts of the plating? <i>a few</i>																				
Are the butts of Plating, Stringers, &c., properly shifted and strapped? <i>yes</i>																				
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? <i>trawler</i> State results of tests ✓																				
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? <i>trawler</i> State results of tests ✓																				
<b>General Remarks</b> (State quality of workmanship, &c.) <i>This vessel has been built in accordance with the approved plans herewith attached, the Secretary's letters, and generally in conformity with the Society's Rules and the materials and workmanship throughout are good.</i>																				
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																				
The amount of Entry Fee, £ 2 : 0 : 0 Fees applied for, <i>25/11/15</i>																				
Special Survey Fee, £ 12 : 7 : 0 Received by me, <i>27/1/15</i>																				
Travelling Expenses, if any £ 1 : 8 : 11 <i>28/1</i>																				
State whether the Vessel has been built under Special Survey <i>yes</i>																				
I am of opinion this Vessel should be Classed <i>+100A1</i> "Steam Trawler."																				
With, or without Freeboard, as condition of Class <i>without</i>																				
Committee's Minute FRI. JAN. 29 1915																				
Character assigned <i>100A1</i>																				
<i>Stm Trawler</i>																				
<i>Lloyd's 696 P.</i>																				
<i>M.</i>																				
<i>+ 2nd 6.12.14</i>																				

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 68 ft., Bridge ✓ ft., Forecastle 20 ft. (in feet and tenths). When the Poop 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 should appear in the Register Book) 1. 8th.

Official No. ; Signal Letters

State if Machinery is fitted aft ✓

How are the surfaces preserved from oxidation? Inside Paint & Cement.

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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. 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,		
			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom					

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

State whether the above have been tested as required by the Rules. ✓

Order for Special Survey No. 2070

Date

3/6/14

No.

614

in builder's yard.

DAYS of Surveys held while building

1914:—July 24. 28. 31 Aug 14. 18. 24. 27. Sep 2. 7. 9. 15. 18. 21. 26. 30 Oct 21. 30. Nov 6. 13. 18. 20. 24. 27 Dec 4. 14. 17. 21. 29.

Surveyor's Signature

P. C. Laws

Total No. of Visits 29

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