

With or Without

STEEL STEAMER.

Received at London Office. THU. MAY. 9-1912

Disconnected Erections.

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

Date of completion of report 14 May 1912

Port of Hull

Date, First Survey Nov. 28th

Last Survey

No. 24970

April 23rd 1912.

On the Steam Trawler "SETTSU."

Rig Ketch.

TONNAGE under 205.12

CLASS "100A1."

FEET.

Master ✓

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

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 21.36

Built at Selly

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side 12.50

When built 1912

Launched 6th February

Do. of Poop 11.09

Transverse Number 33.86

By whom built Cochran & Sons.

Do. of Bridge House 10.38

Length on deck from fore part of stem to after part of stern post 120.00

Owners Hales & West, Ltd

Do. of Houses on Dk. 4.03

Longitudinal Number 4063

Managers

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

Do. of excess of Hatchways

Depth "d," at middle of length (See Secs. 2 & 13) 11.17

Residence Cardiff.

Do. above Crown of Engine Room

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 9.6

Port belonging to Cardiff.

Gross Tonnage 230.62

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

Less Crew Space 18.73

Destined Voyage Fishing.

If Surveyed while Building, Afloat, or in Dry Dock Yes

Less above Crown of Engine Room

211.89

Less for FEES

111.65

Less Engine Room

8.89

Less Navigation Spaces

Register Tonnage 91.35

as cut on Beam

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid on
as per Rule	120	0	Moulded	21	4 ³ / ₈	Do.	Do.	Do.	Do.	No. of Tiers of Beams

Dimensions of Ship per Register, Length 120.0 breadth 21.5 depth 11.75. Moulded depth, ft. 12 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.						PILLARS.					
FRAME, Angles, or or Bars amidships	4	3	8	4	3	PILLARS, In 'tween Deck, size and spacing	✓				
Do. in peaks						" " Hold	2 ¹ / ₂	As arranged			
Do. in way of Double Bottoms at Solid Floors	✓					" Quarter 'tween Dks.,	✓				
" " at intermdt. Bkts.	✓					" " in Hold	✓				
Spacing of Frames from centre to centre amidships	21			21		KEELSONS & STRINGERS.					
" " length to Collision bulkhead	10 ¹ / ₂	and	21	as per plan		CENTRE LINE KEELSON, Vertical Plate above	✓				
" " in peaks	2 ¹ / ₂	2 ¹ / ₂	5	2 ¹ / ₂	5	floors, Through Plate, or Intercostal Plate	✓				
REVERSED FRAME, Angles	2 ¹ / ₂	2 ¹ / ₂	5	2 ¹ / ₂	5	" Rider Plate	✓				
Do. in way of Double Bottoms at Solid Floors	✓					" Flat Plate Keel Angles	✓				
" " at intermdt. Bkts.	✓					" Horizontal Plates on Floors	✓				
FRAMING, depth of girder	4			4		" Angles or Bulb Angles	7	3	10	7	3
FLOORS, depth and thickness of Floor Plate	16		7	16	7	" " in Hold	✓				
at mid-line for 1/2 length amidships	8.13		9	8.9		SIDE KEELSONS, Number					
" in way of Engine and Boiler Spaces	7			7		" Angles or Bulb Angles	✓				
" thickness at the ends of vessel	Straight across					" Plate above floors, for length	✓				
" depth at 1/2 the half breadth, as per Rule	As per plan					" Intercostal Plate, for length	✓				
" height extended at the Bilges	As per plan					" Attached to outside Plating with Angle	✓				
FLOORS & BRACKETS in Cell Dble Bottoms	✓					BILGE KEELSON, Angles (Om.)	5	4	9	5	4
" " state if flanged (top & bottom)	✓					" Intercostal Plate for length	✓				
" " Spacing	✓					" Attached to outside Plating with Angle	✓				
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	✓					SIDE STRINGERS, Number	Om				
" " Angles, Top	✓					" " Angle (Om.)	5	4	9	5	4
" " Bottom	✓					" Intercostal Plate, for length	✓				
" " to Floors	✓					" Attached to outside plating with Angle	✓				
SIDE GIRDERS, number on each side & thickness	✓					Upper Deck Stringer Plate, br'dth & thickness					
" " state if flanged (top and bottom)	✓					(clear of Bridge)	50	6	50	6	
" " Angles (top and bottom)	✓					br'dth & thickness	✓				
" " to Floors	✓					(in way of Bridge)	3 x 3	7	3 x 3	7	
MARGIN PLATE, depth (exclusive of flange)	✓					" Angle (clear of Bridge)	8	7	8	7	
" and thickness	✓					" Tie Plate at sides of Hatchways	8	7	8	7	
" Angles to Outside Plating	✓					Deck * Iron or Steel, for length	8-7		8-7		
" " Floors	✓					" Thickness (clear of Bridge)	✓				
" " Height of Brackets above at bilge	✓					" (in way of Bridge)	✓				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓					" Wood Deck. Material & thickness	3		3		
" " in Engine and Boiler space	✓					Second Deck Stringer Plate, br'dth & thickness					
" " Remainder in Holds	✓					" Angles on ditto, No.	✓				
BEAMS, Upper Deck, Single Angle, Bulb	5 ¹ / ₂	3	8	5 ¹ / ₂	3	" Tie Plates outside Hatchways	✓				
Angle, Plate, Tee Bulb, or Channel	✓					" Deck * Iron or Steel, for length	✓				
" Angles on upper edge	✓					" Wood Deck. Material & thickness	✓				
" In way of Long Bridge	✓					Third Deck Stringer Plate, br'dth & thickness					
" Spacing	42			42		" Angles on ditto, No.	✓				
BEAMS, Second Deck, Single Angle, Bulb	✓					" Tie Plates, outside Hatchways	✓				
Angle, Plate, Tee Bulb, or Channel	✓					" Deck * Material and thickness	✓				
" Angles on upper edge	✓					Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing	✓					" Angles on ditto, No.	✓				
BEAMS, Third and Fourth Deck, Single Angle, Bulb	✓					" Tie Plates outside Hatchways	✓				
Angle, Plate, Tee Bulb, or Channel	✓					" Deck. Material & thickness	✓				
" Angles on upper edge	✓					Poop Deck Stringer Plate, breadth & thickness					
" Spacing	✓					" Angle on ditto	✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓					" Tie Plates	✓				
" Angles on upper edge	✓					" Deck. Material and thickness	✓				
" Spacing	✓					Bridge Deck Stringer Plate, br'dth & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓					" Angle on ditto	✓				
" Angles on upper edge	✓					" Tie Plates	✓				
" Spacing	✓					" Deck. Material and thickness	✓				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 ¹ / ₂	3	8	5 ¹ / ₂	3	Forecastle Deck Stringer Plate, br'dth & thickness					
" Angles on upper edge	✓					" Angle on ditto	38	6	38	6	
" Spacing	42			42		" Tie Plates (Centre Plate 42 x 7)	3 x 3	7	3 x 3	7	
						" Deck. Material and thickness	3		3		

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

WEB FRAMES.

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.

W.T.BULKHEADS

3

3

20

3 x 2 1/2 x 3/4

48

30 Single Pl

COLLISION

PARTITION

LONGITUDINAL

20

3 x 2 1/2 x 3/4

48

24 Single Pl

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

Are the Slnice Valves and Watertight Doors in efficient working order?

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do.

for Propeller

RUDDER-A x D" Table 22. Speed

Main-Piece, diameter at head

at heel

7 1/2 x 1 3/8

7 1/2 x 1 3/8

6 x 3

6 x 3

56.9

56.9

4 1/2

4 1/2

3

3

RUDDER, how constructed

Thickness of Single Plate

Can the Rudder be unshipped afloat?

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.?

Has the Steel been tested as required by the Rules?

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

Double or Treble and for what Length.

RIVETS.

STRAPS.

IF LAPPED.

FLAT PLATE KEEL

Garboard or A Strake

State actual thickness in way of Double Bottom.

Other

THICKNESS OF SHEER STRAKE

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DELG. of Flat Plate Keel

Sheerstrakes

Length and thickness.

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

Butts riveted for

Butts of Side Stringers

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girder Butts

Keelson Butts

Frames, riveted through Plates with

Rivets, state whether Iron or Steel

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend

MASTS, SPARS, &c.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails

Material

Total Length

DIAMETER AND THICKNESS.

No. of Plates in round.

ANGLES.

RIVETING.

Fore

Main

Mizen

Pitch

Sails

Suits of

Sails, and the following spare sails

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.P.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 31.			
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	qrs.	lbs.	Owts.	qrs.	lbs.		
10903	1st Bower ...	5	2	0	1	1	26	7	16	1	0	5	1	0	
10902	2nd " ...	4	3	0	1	0	26	7	2	2	0	4	3	0	
10901	3rd " ...	2	1	22	-	2	20	5	0	0	0	2	2	0	
	4th " ...														
	Collective weight														
	Stream														
	Kedge.....														

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate. Status. Breaking Tons.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31. Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Cir.					
	Fathoms.	Inches.		Owts.	qrs.						lbs.	Fathoms.		Inches.	Fathoms.	Inches.			
10902	90	1 18 27		46-1-20	45-3-17	90	1	Sink Phillips & Co. Ltd. Mountford & Phillips	A.R.C.H. 24-2-12	D.C. Paul. Super.	TOWLINE	60	6	60	6				
											HAWSESWARPS	60	4 1/2	60	4				
											" "								
											" "								

Boats One Steering Gear, Steam ✓
Pumps, Number Three Diameter of Barrel 6-4 State whether they are in efficient working order Yes
Windlass is by Cochran & Sons. Capstan ✓
Engine Room Skylights.—How constructed? By Deck What arrangements for deadlights in bad weather? Deck flaps + bullrogs
Coal Bunker Openings.—How constructed? Plated and angled How are lids secured? Battened down Height above deck? 9" and 18"
Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. On each side, 5 Scupperns. 1 Port 24x10. and 2 Ports 18x9
Ceiling in Holds, thickness and material. 2" pine Cargo Battens, thickness and material ✓
Cargo Hatchways.—How formed? Plated and angled Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Forward) 3-6 x 3-6 No. 2 Hatch 3-6 x 3-6 No. 3 Hatch 3-6 x 3-6 No. 4 Hatch 2-6 x 3-6
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ✓
No. of Breasthooks 2 Main Rail, material and size 7 x 3 x 9/16 Steel B.A.
Bulwarks, height above deck and description 3-4 x 6/20
The foregoing is a correct description.
Builder's Signature (here only) Cochran & Sons. Surveyor's Signature Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) (M.) 13-11-11
(2.) 1-2-12.

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 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes
from the faying surfaces? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying 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. 26, par. 20)? Satisfactory State results of tests ✓
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Satisfactory State results of tests ✓

General Remarks (State quality of workmanship, &c.) Workmanship good.
This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report:- Plans of Midship Section, Profile and Decks, Pumping Arrangements, and a Report on Ship's Forgings.

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

The amount of Entry Fee £ 2 : 0 : 0 Fees applied for, 8/5 1912
Special Survey Fee... £ 10 : 12 : 0 Received by me, J.G.
Travelling Expenses, if any £ - : 11 : 3 10/5 1912
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. MAY 10. 1912
Character assigned 100A1
Lloyd's at 4.12
W.M.

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

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten text in the upper section of the page, likely bleed-through from the reverse side.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 22.25 ft., Bridge ☒ ft., Forecastle 19.5 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 as it should appear in the Register Book) 1 DR

Official No. 132862; Signal Letters ☒

State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Portland Cement and 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, <input checked="" type="checkbox"/>			Fore peak tank, <input checked="" type="checkbox"/>		
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank, <input checked="" type="checkbox"/>		
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>		
Double bottom, forward, <input checked="" type="checkbox"/>			Other tanks, if fitted, <input checked="" type="checkbox"/>		
Total capacity of double bottom <input checked="" type="checkbox"/>			(If necessary, furnish further information by sketch.) <input checked="" type="checkbox"/>		

* 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. 1910

Date

28/11/11

No. 521 in builder's yard.

Dates of Surveys held while building

1911: Nov 28. Dec 8. 15. 20. 28. 1912: Jan 2. 5. 9. 19. Feb 2. 5. 9. 19. 26 Mar 7. Mar 12. 19. Apr 11. 23.

Surveyor's Signature

Allison B. Wilson

Total No. of Visits 19

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