

# With or Without Disconnected Erections.

## STEEL STEAMER.

THU. 31 JAN. 1924

Received at London Office

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

Date of completion of report

Survey held at

*Bideford & Appledore*

Port of *Appledore*

Date, First Survey *April 9<sup>th</sup> 1923*

Last Survey *January 22<sup>nd</sup> 1924*

No. *3294*

1924

On the (State if Single, Twin, or Triple Screw)

*Single Screw Cargo Steamer "Wheatcrop"*

Rig *Schooner*

TONNAGE under

*320.58*

CLASS

*100 A1*

FEET.

Built at

*Bideford*

When built

*1923*

Launched

*Sept 27<sup>th</sup> 1923*

By whom built

*The Hansen Ship & Ship Rep Co Ltd*

Owners

*Spillers Steamship Co Ltd*

*Cardiff*

Managers

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

Residence

Port belonging to

*Cardiff*

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

Total under Upper Dk.

Do. of Poop

Do. of R.O. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

cut on Beam

Destined Voyage

If Surveyed while Building, Afloat, and in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
	162	0		25	6		10	11 1/4	one	one

Dimensions of Ship per Register, Length	162	breadth	25 5/8	depth	9 9/16	Moulded depth, ft.	16	ins.	0	To Upper Dk.	Round of Upper Dk. Beam, Actual	6 1/4
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FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
FRAME, Angles, or E or L Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	4	2 1/2	33	" " Hold	24	2 1/4	as per approved Profile	" Rider Plate			
Do. in way of Double Bottoms at Solid Floors	3	3	28	" " Quarter 'tween Dks.,				" Flat Plate Keel Angles			
" " at intermdt. Bkts.				" " in Hold				" Horizontal Plates on Floors			
Spacing of Frames from centre to centre amidships		2 1/2						" Angles or Bulb Angles			
" " from 1/2 length to Collision bulkhead		2 1/2						" SIDE KEELSONS, Number			
" " in peaks		2 1/2						" Angles or Bulb Angles			
REVERSED FRAME, Angles								" Plate above floors, for length			
Do. in way of Double Bottoms at Solid Floors	3	3	28					" Intercoastal Plate, for length			
" " at intermdt. Bkts.								" Attached to outside Plating with Angle			
FRAMING, depth of girder								BILGE KEELSON, Angles	5	3	38
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		29	28					" Intercoastal Plate for full keelson length	7	34	7
" in way of Engine and Boiler Spaces		13 1/2	40					" Attached to outside Plating with Angle			
" thickness at the ends of vessel			28					SIDE STRINGERS, Number			
" depth at 1/2 the half breadth, as per Rule								" Angle			
" height extended at the Bilges								" Intercoastal Plate, for length			
FLOORS in Cell. Double Bottoms		29	28					" Attached to outside plating with Angle			
" state if flanged (top & bottom)		no									
" Spacing of Solid floors		21 1/2									
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.		29	36								
" Angles, Top	3	3	32								
" Bottom											
" to Floors	3	3	28								
" Brackets at intermdt. frmg., wdth & thknss											
SIDE GIRDERS, number on each side & thickness	one	28	one								
" state if flanged (top and bottom)		no									
" Angles (top and bottom)	3	3	28								
" to Floors	2 1/2	2 1/2	28								
MARGIN PLATE, depth (exclusive of flange) and thickness		21	30								
" Angle to Outside Plating	3	3	32								
" Floors	3	3	30								
" Brackets at intermdt. frmg., wdth & thknss											
" Height of Outside Brackets above at bilge		26									
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		39	40								
" in Engine and Boiler space											
" Remainder in Holds			37 1/2								
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	38								
" In way of Long Bridge	4 1/2	3	38								
" Spacing		2 1/2									
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Spacing											
BEAMS, 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	4 1/2	3	32								
" Angles on upper edge											
" Spacing		43									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	36								
" Angles on upper edge											
" Spacing		43									

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

002320-002329-0044



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.....

Inches in Ship.

Inches in Ship.

Inches per Rule, Or as Ap

Inches per Rule, proved.

BULKHEADS.

Thickens.

STIFFENERS.

Single or Double Frames.

Height up, state deck.

Horizontal.

Vertical.

Size.

Spacing.

Size.

Spacing.

Inches.

Inches.

Inches.

Inches.

Inches.

Total No. of W.T. BULKHEADS.

In Ship 3 Per Rule 3

SCANTLINGS MIDSHIP BHDS.

COLLISION

AFT PEAK

PARTITION

LONGITUDINAL

FORGINGS or CASTINGS.

Inches in Ship.

Inches per Rule, Or as Approved.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

" " for Propeller

RUDDER—A×D\* Table 22. Speed

" " Main-Piece, diameter at head

" " " " at heel.....

RUDDER, how constructed

Thickness of Plates or 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.

AMIDSHIP.

FORWARD.

AFT.

AMIDSHIP.

Breadth.

Thickness.

Thickness.

Thickness.

Breadth.

Thickness.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

EDGES.

BUTTS.

Ordinary or joggled?

RIVETS.

Double or Treble and for what Length.

RIVETS.

STRAPS.

IF LAPPED.

Single or Double.

Breadth of Lap.

Diam.

Spacing or to cr.

Diam.

Spacing or to cr.

Breadth.

Thickens.

Breadth.

For what Length.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Feet.

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

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.

Fore

Main

Mizen

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

51'-0"

50'-0"

36'-0"

2 1/2" S&SR.

3 Topmasts & 1 Fore Stay

Suit of

Sails, and the following: spare sails



EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS											
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 Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
15069.	1st Bower ...	12	2	0	—	—	—	14	6	0	0.	12	2	0	Stockless Hall's Type C.S. Head	Mountford Phillips	Cardiff 27/7/23. A Jones.
15072.	2nd " ...	12	1	7	—	—	—	14	2	2	0	12	2	0	" " " "	"	"
15236.	3rd " ...	10	1	21	—	—	—	12	8	0	0.	10	2	0	" " " "	"	20/11/23 "
	4th " ...																
	Collective weight.	35	1	0	X							35	2	0.			
14987.	Stream .....	4	1	0.	1	0	7	6	12	2	0.	54	0	0.	Common Anchor	"	Cardiff 20/6/23. A Jones
	Kedge .....	—	—	—	—	—	—	—	—	—	—	—	—	—			

U Patent state Name of Patentee

Stockless state Mechanical Tests.

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower *Cast Steel Head 7 cwt 1 q 0 lbs. DRD. 5925 L.R. 5/6/23.*  
2nd " *" " " 7 cwt 1 q 0 lbs. DRD. 5946 L.R. 12/6/23.*  
3rd " *" " " 5 cwt 3 q 0 lbs. DRD. 6165 L.R. 30/10/23.*  
4th "

CHAIN CABLES.												HAWSERS AND WARPS.						
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.		
	Length.	Diam.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
26396.	97 1/2	1 1/8	22 3/4	34 1/8	645 1 1/4	1261-0	195.	1 1/8	Steel	Mountford Phillips & Co.	Cardiff 30/5/23 A Jones	TOWLINE	75	2 3/4	✓	75	2 3/4	
26397.	97 1/2	1 1/8	22 3/4	34 1/8	63-3-7				Link Cable	Humbly	"	HAWSERS & WARPS	90	6 1/2	✓	90	6 1/2	
Iron Stream	160	2 1/4	50	✓	128-0	21	60	2 1/4	S.W.	✓		"	90	4 1/2	✓			
Steel Wire												"	90	3 1/2	✓			

**Boats** *Two Class 1A. 17 ft Lifeboats - One Dinghy. Steering Gear, Steam Alley - Macmillan. Steering Gear, Hand Gear - Little Red Tackle.*  
**Pumps, Number** *Two Engine Room. One fore peak flat.* Diameter of Barrel — State whether they are in efficient working order *Yes.*  
**Windlass is** *Emerson Walker - Thompson.* Capstan *Emerson Walker - Thompson.*  
**Engine Room Skylights.**—How constructed? *Steel with flaps.* What arrangements for deadlights in bad weather? *Flaps with circular glass lights.*  
**Coal Bunker Openings.**—How constructed? *Steel hatchway.* How are lids secured? *Battened down* Height above deck? *8 ft. above R.Q.Dk.*  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** *Well deck 2 each side 3'-6" x 1'-11", 2 Scuppers; R.Q.Dk. 4 each side 3'-0" x 1'-6", 4 Scuppers.*  
**Ceiling in Holds,** thickness and material *2 1/2 S.P.* Cargo Battens, thickness and material *2" S.P. Close ceiled.*  
**Cargo Hatchways.**—How formed? *Plate coverings + angles.* Hatches, If strong and efficient? *Yes.*  
State size **No. 1 Hatch** (Forward) *23'-8" x 15'-0"* **No. 2 Hatch** *26'-10" x 15'-0"* **No. 3 Hatch** — **No. 4 Hatch** —  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch *Web Plates 10 1/2 Hatch 4, 10 1/2 Hatch 5, no fore + afters.*  
**Bulwarks,** height above deck and description *Well deck 4'-0"; R.Q.Dk. 3'-3" Steel plate.* Main Rail, material and size *Lysek Sec 5" x 3 1/2".*  
*The foregoing is a correct description.* **Surveyor's Signature** *J. Pearce.* **Surveyor to Lloyd's Register of Shipping.**  
**Builder's Signature (here only)** *J. S. Allan.*

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

*1923. D March 9. M March 10. M March 29. M April 4. M April 13. M April 19. M April 26. M July 26.*

**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.*

to plate, &c., conform well to each other? *Yes.*

from the faying surfaces? *Yes.*

Do any rivets break into or through the seams or butts of the plating? *No.*

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)? *Yes.*

State results of tests

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes.*

State results of tests

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

*The workmanship is good. This vessel has been constructed in accordance with the approved plans, Secretary's letters above quoted, and in accordance with the rules, for the Class contemplated viz 8/100, A1.*

*Revised Rules*

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, and list of plans should be embodied in report.

**Freeboard Fee** £ 4 : 0 : 0  
**The amount of Entry Fee** £ 4 : 0 : 0  
**Special Survey Fee** £ 52 : 4 : 0  
**Travelling Expenses, if any** £ 2 : 14 : 4

Fees applied for,

*Jan 30 1924*

Received by me,

*9/11/24*

*Not issued*  
Certificate to be sent to *The Hansen* Date of issue *12/4/24.*  
*Shipbuilding Co. Ltd. Bideford.*  
*Indy cert sent to ELO*

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *8/100, A1.*

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

*J. Pearce.*

Surveyor to Lloyd's Register of Shipping.

**Committee's Minute** *FRI FEB 8 1924*

**Character assigned** *100A1*

*Lloyd's at 60*

*+ Lmb 1.24*  
*O.S.*

*Wrie B's*  
*" Sls*  
*28/2/24*



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GENERAL REMARKS—

*[Faint handwritten notes and bleed-through from the reverse side of the page are visible in this section.]*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 95.5 ft., Bridge 12.25 ft., Forecastle 23.25 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated —

No. and Material of Decks and No. of tiers of Beams (*this information is to be given as it should appear in the Register Book*) One, Steel.  
R.Q. Deck Vessel.  
Official No. 145737; Signal Letters — State if Machinery is fitted aft Machinery aft.  
If bottom of Vessel has been coated Inside Paint. Cement Yanks Outside Paint. Bitumastic Macky Mono + Bunker. give particulars of paint or other composition

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system. Cellular System.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>44'-9 1/2"</u>	<u>54.0</u>	Fore peak tank,	<u>19'-0"</u>	<u>33.0</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>9'-6 1/2" AP</u>	<u>22.0</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	<u>46'-7"</u>	<u>45.0</u>	Deep tank, forward,		
Double bottom, forward,	<u>99.0</u>	<u>99.0</u>	Other tanks, if fitted,		

\* 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 yes.

Order for Special Survey No. —  
Date March 4, 1923.  
No. 9 in builder's yard.  
DATES OF SURVEYS held while building  
1923 April 9, May 23, 25, 31, June 4, 13, 16, 18, 20, 22, 25, 26, 27, 29, July 9, 10, 13, 16, 18, 19, 20, 23,  
Aug 1, 10, 28, 31, Sep 3, 4, 10, 13, 15, 18, 24, 25, 26, 27, 29, Oct 8, 16, 24, 27, 29,  
Nov 6, 12, 14, 19, 21, 24, 29, Dec 5, 7, 11, 12, 15, 18,  
1924 Jan 3, 9, 11, 12, 15, 19, 21, 22,

Surveyor's Signature J. Pearce

Rpt. 4.

These parties  
Signal Letters ( )

Official No.  
145,737

No., Date, and  
Whether British  
Foreign Built

British

Number of Decks  
Number of Masts  
Rigged ...  
Stern ...  
Build ...  
Galleries ...  
Head ...  
Framework and  
vessel ...  
Number of Buoy  
Number of water  
and their capacity

Total to quarter the  
to bottom of 1

No. of  
sets of  
Engines.  
One

Reci-  
doub-  
vert.

No. of  
Shafts.  
One

Descripti-  
Number  
Iron or S  
Loaded I

Under Tonnage  
Space or space  
Turret or Trun  
Forecastle ...  
Bridge space  
Double-peak  
Side Houses  
Round  
Peak Houses  
Chart House  
Spaces for mae  
Section 78 (1  
1894 ...  
Excess of Hato  
Gross  
Deductions, as  
Regis

NOTE 1.—The ton  
propel  
NOTE 2.—The un

Name

No. of Owner  
Name, Reside

Dated 1

(830) (971008) W

