

With or Without
Disconnected Erections.

STEEL STEAMER.

Standard B
EX. WAR ORIOLE

Received at London Office

Date of completion of report 16 APR 1919

Survey held at SUNDERLAND

Date, First Survey 12 April 18

Last Survey 9th April 1919

Port of SUNDERLAND

No. 27487

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

Single Screw Steamer CAIRNGOWAN

Rig Schooner

TONNAGE under

CLASS F 100 A1

FERT.

Master A. W. Melling

Year of appointment (1) As Master in service of owner of present vessel—1908 (2) As Master of this vessel—1919

Tonnage Deck 4844.08

Breadth (greatest moulded) 52.00

Built at SUNDERLAND

When built 1919 Launched 1st February 1919

By whom built The Sunderland S. B. Co. Ltd

Owners The Cairn Line of Steam Ships Ltd

Managers " " "

Residence Newcastle

Port belonging to Newcastle

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

Total under Upper Dk.

Do. of Poop 164.18

Do. of R.Q. Dk. 29.28

Do. of Bridge House 110.74

Do. of Forecastle 6.36

Do. of Houses on Dk. 44.61

Do. of excess of Hatchways 49.12

Do. above Crown of Engine Room 46.65

Gross Tonnage 5295.02

Less Crew Space 215.45

Less above Crown of Engine Room 46.65

TONNAGE FOR FEES 5032.92

Less Engine Room 1684.41

Less Navigation Spaces 128.12

Register Tonnage 3257.04

Destined Voyage Mediterranean If Surveyed while Building, Afloat, or in Dry Dock Building & afloat

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
400	0		52	0		Do. do. do. do. Second Dk. Beams	28	6	2

Moulded depth, ft. 38 ins. 11 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.
Moulded depth, ft. 31 ins. 0 To Upper Dk.

FRAMING.						PILLARS.					
NAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	
AME, Angles, or Bars amidships	10	3 1/2	46	10	3 1/2	" " Hold	3 1/4	52	3 1/4	52	
Do. in peaks	8	3	38	8	3	" Quarter 'tween Dks.,	5 1/2	52	5 1/2	52	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" " in Hold					
" " at intermdt. Bkts.	9	3 1/2	42	9	3 1/2						
acing of Frames from centre to centre amidships	26			26							
" " from 1/2 length to Collision bulkhead	26			26							
" " in peaks	24			24							
VERSED FRAME, Angles											
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2						
" " at intermdt. Bkts.	8	3	46	8	3						
AMING, depth of girder											
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" in way of Engine and Boiler Spaces											
" thickness at the ends of vessel											
" depth at 1/2 the half breadth, as per Rule											
" height extended at the Bilges											
DOORS in Cell. Double Bottoms	42		38	42							
" state if flanged (top & bottom)	40										
" Spacing of Solid floors	78			78							
CENTRE GIRDER, in Dbl. bottom, dpth. & thckness	43	50	40	43	50						
" " Angles, Top	6	6	66	6	6						
" " Bottom	"	"	"	"	"						
" " to Floors	"	"	46	"	"						
" Brackets at intermdt. frmg., wdth & thckness	39	42	38	39	42						
DE GIRDERS, number on each side & thickness	One	42	38	One	42						
" " state if flanged (top and bottom)	40										
" " Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2						
" " to Floors	"	"	"	"	"						
MARGIN PLATE, depth (exclusive of flange) and thickness	39	48		34	48						
" " Angles to Outside Plating	3 1/2	3 1/2	50	3 1/2	3 1/2						
" " Floors	6	6	42	6	6						
" Brackets at intermdt. frmg., wdth & thckness	56	42	38	56	42						
" Height of Outside Brackets above at bilge	29 1/2			29 1/2							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	50	40	43	50						
" " in Engine and Boiler space	56	48		56	48						
" " Remainder in Holds	42	38		42	38						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2						
" In way of Long Bridge	"	"	"	"	"						
" Spacing	26			26							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	56	10	3 1/2						
" Spacing	26			26							
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	8	3	38	8	3						
" Angles on upper edge											
" Spacing	26			26							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2						
" Angles on upper edge											
" Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2						
" Angles on upper edge											
" Spacing	26			26							

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

WEB FRAMES.										FORGINGS or CASTINGS.									
WEB FRAMES, In Fore Body, No. and spacing					WEB FRAMES, In E. & B. Space, No. and spacing					WEB FRAMES, In After Body, No. and spacing					FORGINGS or CASTINGS.				
No. of Side Stringers					brdth. & thickness					brdth. & thickness					brdth. & thickness				
2 web frames in					10 ft 2 3/4" 10 ft 2 3/4"					10 ft 2 3/4" 10 ft 2 3/4"					10 ft 2 3/4" 10 ft 2 3/4"				
None					None					None					None				
Size of Face Angles to Web-Frames					Size of Face Angles to Web-Frames					Size of Face Angles to Web-Frames					Size of Face Angles to Web-Frames				
BRACKET PLATES to Stringers between					BRACKET PLATES to Stringers between					BRACKET PLATES to Stringers between					BRACKET PLATES to Stringers between				
Web Frames, depth and thickness					Web Frames, depth and thickness					Web Frames, depth and thickness					Web Frames, depth and thickness				
BULKHEADS.					STIFFENERS.					RUDDER, how constructed					RUDDER, how constructed				
W.T. BULKHEADS					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
A. PK.					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
A. hold					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
E. & B. frame 110					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
F. hold					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
" COLLISION "					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
PARTITION					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
LONGITUDINAL					STIFFENERS					RUDDER, how constructed					RUDDER, how constructed				
Are the outside Plates doubled two spaces of Frames in length? Brackets fitted										Are the Steel Valves and Watertight Doors in efficient working order? yes									
PLATING.										RIVETING.									
STRAKES.										EDGES.									
AS IN SHIP.										Ordinary or jogged? Ordinary									
AMIDSHIP.										BUTTS.									
Breadth. Thickness.										Breadth. Thickness.									
FLAT PLATE KEEL										FLAT PLATE KEEL									
GARBOARD OF A STRAKE										GARBOARD OF A STRAKE									
State actual thickness in way of Double Bottom.										State actual thickness in way of Double Bottom.									
B										B									
C										C									
D										D									
E										E									
F										F									
G										G									
H										H									
J										J									
K										K									
L										L									
M										M									
N										N									
O										O									
P										P									
Q										Q									
R										R									
S										S									
T										T									
U										U									
V										V									
W										W									
THICKNESS OF SHEET PILE										THICKNESS OF SHEET PILE									
CLEAR OF LONG BRIDGE										CLEAR OF LONG BRIDGE									
DO. OF STRAKE BELOW										DO. OF STRAKE BELOW									
DELT. of Flat Plate Keel										DELT. of Flat Plate Keel									
" Sheerstrakes										" Sheerstrakes									
Length and thickness										Length and thickness									
POOP SIDES										POOP SIDES									
SHORT BRIDGE SIDES										SHORT BRIDGE SIDES									
FORECASTLE SIDES										FORECASTLE SIDES									
Upper Deck										Upper Deck									
Stringer Plate										Stringer Plate									
Second Deck										Second Deck									
Stringer Plate										Stringer Plate									
FRAMES extend in one length from Centre girder to tank side, thence to st										FRAMES extend in one length from Centre girder to tank side, thence to st									
REVERSED FRAMES on floors and frames extend from Centre girder to tank side										REVERSED FRAMES on floors and frames extend from Centre girder to tank side									
MASTS, SPARS, &c.										MASTS, SPARS, &c.									
LOWER MASTS										LOWER MASTS									
Fore										Fore									
Main										Main									
Mizen										Mizen									
Lowermast										Lowermast									
Topmasts, Yards and Remainder of Spars										Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds										Rigging, Material and Size, Shrouds									
Sails										Sails									

EQUIPMENT No. 34589										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS																																		
Number of Certificate.					Weight, Ex. Stock					Weight of Stock					Test, Per Certificate					Weight Required by Table 31					Description of Anchor					Makers					Where and when tested and Superintendent																			
79511					61 0 3					48 0 2					48 0 2					60 0 0					Stockless					N. H. & J. & Co. Ltd. 30.4.1918																								
79512					59 3 22					48 7 2					48 7 2					60 0 0																																		
79509					51 2 21					48 9 1					48 9 1					50 2 0																																		
Collective weight					172 2 18															170 2 0					Mechanical					J. D. & J. & Co. Ltd. 27.8.1918																								
23260					16 1 0					4 2 14					17 11 3					16 1 0					Common					N. H. & J. & Co. Ltd. 27.8.1918																								
79263					7 1 8					1 3 14					9 11 2					7 0 0					Iron stock					N. H. & J. & Co. Ltd. 27.8.1918																								
CHAIN CABLES.										HAWERS AND WARPS.																																												
Number of Certificate.					Length and size supplied.					Weight of Chain Cable					Length and size supplied.					Description					Makers of Cables					Where and when tested and Superintendent					Material					Length and size supplied.					Breaking Test of Steel Wire					Length and size supplied.				
11209					105 2 3/4					105 2 3/4					270 2 3/4					270 2 3/4					Steel					N. H. & J. & Co. Ltd. 13.4.1918					TOWLINE					120 4 3/4					120 4 3/4									
11210					105 2 3/4					105 2 3/4					270 2 3/4					270 2 3/4					Steel					N. H. & J. & Co. Ltd. 13.4.1918					HAWERS & WARPS					2-90 2 3/4					2-90 2 3/4									
50525					105 2 3/4					105 2 3/4					270 2 3/4					270 2 3/4					Steel					N. H. & J. & Co. Ltd. 13.4.1918					HAWERS & WARPS					2-90 2 3/4					2-90 2 3/4									
Iron Stream					90 4 3/4					90 4 3/4					90 4 3/4					90 4 3/4					Steel					N. H. & J. & Co. Ltd. 13.4.1918					HAWERS & WARPS					2-90 2 3/4					2-90 2 3/4									
Boats										Steering Gear, Steam										Steering Gear, Hand																																		
Pumps, Number										Diameter of Barrel										State whether they are in efficient working order																																		
Windlass is										Capstan																																												
Engine Room Skylights										What arrangements for deadlights in bad weather?																																												
Coal Bunker Openings										How are lids secured?																																												
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.										Cargo Batts, thickness and material																																												
Ceiling in Holds, thickness and material										Cargo Batts, thickness and material																																												
Cargo Hatchways										Hatches, If strong and efficient?																																												
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										No. of Crutches																																		
Bulwarks, height above deck and description										Main Rail, material and size																																												
The foregoing is a correct description										Builder's Signature										Surveyor's Signature																																		
Correspondence										Workmanship										Are the rivets work properly closed?																																		
Are the liners between the frames and plates solid single pieces?										Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?																																												
Are the butts of Plating, Stringers, &c., properly shifted and strapped?										Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?																																												
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?										General Remarks (State quality of workmanship, &c.)																																												
The Surveyor should state the Number of Report and Name of any Sister Vessel.										The amount of Entry Fee										Fees applied for																																		
The amount of Entry Fee										Special Survey Fee										Received by me																																		
I am of opinion this Vessel should be Classed										With, or without Freeboard, as condition of Class																																												
Committee's Minute										Character assigned																																												
Lloyd's Register										Lloyd's Register																																												

GENERAL REMARKS—(continued).

WEB F
RAMES, In F
" No. of Side S
RAMES, In E
" RAMES, In A
" No. of Side S
Size of Face A
KET PLATES
Frames, depth
HEADS.
V
LKHEADS
A. PK.
A. hold
frame 110
F. hold
LISION,,
TION,,
TUDINAL,,
outside Plates
Shaice Valves
STRAKES.
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Keel, state Riveting
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.25 ft., R.Q.D. — ft., Bridge 112.6 ft., Forecastle 39 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) 2 Dks. (SH). 2 tr. beams

Official No. 142829; Signal Letters

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside paint. (Cement filllets only at plate ledges in DPs. Outside paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>125.66</u>	<u>363</u>	Fore peak tank.	<u>19.25</u>	<u>11</u>
Double bottom, under Engines and Boilers,	<u>39.0</u>	<u>165</u>	After peak tank,	<u>24.66</u>	<u>20</u>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<u>179.8</u>	<u>600</u>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<u>1128</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 4

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

Order for Special Survey No. 5371

Date 19.9.18

No. 320 in builder's yard.

DATES of Surveys held while building

1918 Apr. 10. 18. 22. 26. May 2. 8. 10. 15. 22. 24. 29. Jun 4. 8. 11. 12. 17. 24. Jul 1. 8. 11. 15. 18. 23. Aug 7. 15. 22. Sep 2. 9. 11. 17. 23. 25. Oct 2. 8. 14. 16. 18. 21. 25. 29. 31. Nov 4. 6. 11. 18. 26. 28. Dec 4. 9. 11. 13. 16. 18. 20. 23. Jan 9. 14. 20. 24. 30. Feb 6. Mar 10. 11. 18. 26. 31. 26. Apr. 3. 7. 9.

Surveyor's Signature

Fullan

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Total No. of Visits 73

Lloyd's Register Foundation

REPORT
of writing Report
o. in Surve
Book.
39 on th
TONNAGE:—
GROSS 4844
UNDER DK. 484
NET 32
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B= CellDBo
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