

With or Without
Disconnected Erections.

STEEL STEAMER.

MON. 14. AUG. 1916

Received at London Office

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

Date of completion of report
Survey held at

12. 8. 16

Port of

Aberdeen

No. 11850.

Date First Survey

21. 10. 15

Last Survey

28. 4. 1916.

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

Single

BEN BREAC

Rig

Ketch

TONNAGE under
Tonnage Deck

221.10

CLASS *100A1*

FEET.

Master

Under Admiralty Command

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.

Do. of Poop

Do. of R.Q.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

Breadth (greatest moulded)

22.0

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

13.26

Transverse Number

35.26

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

122.0

Longitudinal Number

4300.50

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

11.92

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

9.2

Built at

Aberdeen

When built

1916

Launched 12. 4. 16.

By whom built

Ball Russell & Co. Ltd.

Owners

R. Irwin & Sons Ltd.

Managers

(Where necessary to be entered in Dry Dock)

Residence *Fish Quay North Shields.*

Port belonging to

Aberdeen.

Destined Voyage

Fishing

If Surveyed while Building, Afloat, or in Dry Dock *First entry*

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
rule	122	0	Moulded	22	0	Do do do do do do do do do do	12	4 1/2	one

of Ship per Register. Length	122.55	breadth	22.25	depth	12.36	Moulded depth, ft.	ins.	To Bridge Dk.	Round of Upper	5 1/2	ins.
								To Upper Dk.	Dk. Beam, Actual		

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
Angles, on C or L Bars amidships	4	3	.38	4	3	.38		PILLARS, in 'tween Deck, size and spacing	2 1/2 where	2 1/2 where	
Peaks	4	2 1/2	.34	4	2 1/2	.34		" " Hold	" "	" "	
TANK	4	3	.36	4	3	.36		" Quarter 'tween Dks.	" "	" "	
way of Double Bottoms at Solid Floors	"	"	"	"	"	"		" " in Hold	" "	" "	
" " at intermdt. Bkts.	"	"	"	"	"	"					
Frames from centre to centre amidships	2 1/2			2 1/2				CENTRE LINE KEELSON, Vertical Plate above			
" " from 1/2	2 1/2			2 1/2				floor, Through Plate or Intercoastal Plate			
" " length to Collision bulkhead	2 1/2			2 1/2				" Rider Plate			
" " in peaks	2 1/2			2 1/2				" Flat Plate Keel Angles			
ED FRAME, Angles, IN. E. R. SINGLE	4	3	.36	4	3	.36		" Horizontal Plates on Floors			
way of Double Bottoms at Solid Floors	3	3	.30	3	3	.30		" Angles or Bulb Angles CHANNEL	12	3 1/2	.50
" " at intermdt. Bkts.	"	"	"	"	"	"		SIDE KEELSONS, Number			
G, depth of girder	4			4				" Angles or Bulb Angles			
depth and thickness of Floor Plate	16	.38		16	.38			" Plate above floors, for length			
at mid-line for 1/2 length amidships		.42			.42			" Intercoastal Plate, for length			
way of Engine and Boiler Spaces		.32			.32			" Attached to outside Plating with Angle			
thickness at the ends of vessel								BILGE KEELSON, Angles SINGLE	5	4	.44
pth at 1/2 the half breadth, as per Rule								" Intercoastal Plate for length			
ight extended at the Bilges								" Attached to outside Plating with Angle			
in Cell Double Bottoms								SIDE STRINGERS, Number ONE	5	4	.38
state if flanged (top & bottom)								" " Angle SINGLE	5	4	.38
Spacing of Solid floors								" Intercoastal Plate, for length			
GIRDER, in Dbl. bottom, dpth. & thknss.								" Attached to outside plating with Angle			
" Angles, Top								Upper Deck Stringer Plate, br'dth & thickness	23	.28	23-13 .28
" " Bottom								" " " " (clear of Bridge)			
" " to Floors								" " " " (br'dth & thickness)			
Brackets at intermdt. frng., wdth & thknss								" " " " (in way of Bridge)	3 x 3	.32	3 x 3 .32
ORDERS, number on each side & thickness								" " " " Angle (clear of Bridge)	4	.30	4 .30
" state if flanged (top and bottom)								" " Tie Plate at sides of Hatchways			
" Angles (top and bottom)								" Deck, * Iron or Steel, for lng.		.30	
" " to Floors								" " Thickness (clear of Bridge)			
PLATE, depth (exclusive of flange)								" " (in way of Bridge)			
" and thickness								" Wood Deck, Material & thickness	pitch pine 5 x 3	pitch pine 5 x 3	
" Angle to Outside Plating								Second Deck Stringer Plate, br'dth & thickness			
" " Floors								" Angles on ditto, No.			
Brackets at intermdt. frng., wdth & thknss								" Tie Plates outside Hatchways			
Height of Outside Brackets above at bilge								" Deck, * Iron or Steel, for lng.			
BOTTOM PLATING, breadth and								" Wood Deck, Material & thickness			
thickness of Middle Line Strake								Third Deck Stringer Plate, br'dth & thickness			
" in Engine and Boiler space								" Angles on ditto, No.			
" Remainder in Holds								" Tie Plates, outside Hatchways			
Upper Deck, Single Angle, Bulb	5 1/2	3	.40	5 1/2	3	.40		" Deck, * Material and thickness			
Angle, Plate, Tee Bulb, or Channel	5 1/2	3	.40	5 1/2	3	.40		Fourth and Fifth Deck Stringer Plate, } breadth & thickness			
In way of Long Bridge								" " Angles on ditto, No.			
Spacing		4.2			4.3			" " Tie Plates outside Hatchways			
Second Deck, Single Angle, Bulb								" " Deck, Material & thickness			
Angle, Plate, Tee Bulb, or Channel								Poop Deck Stringer Plate, breadth & thickness			
Spacing								" Angle on ditto			
Third and Fourth Deck, Single 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, Poop Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel								" Angle on ditto			
" Angles on upper edge								" Tie Plates			
" Spacing								" Deck, Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, } Tee Bulb, or Channel								Forecastle Deck Stringer Plate, b'dth & th'kns			
" Angles on upper edge								" Angle on ditto			
" Spacing								" Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, } Plate, Tee Bulb, or Channel								" Deck, Material and thickness			
" Angles on upper edge											
" Spacing											

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 should appear in the Register Book) *1 dk.*

Official No. *139481*; Signal Letters

State if Machinery is fitted aft *no.*

How are the surfaces preserved from oxidation? Inside *Portland Cement & paint.* Outside *paint.*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<i>21' 6"</i>	<i>14.</i>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Total capacity of double bottom	<i>14.</i>	(If necessary, furnish further information by sketch.)		

* 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. *1402*

Date *25.1.15.*

No. *584.* in builder's yard.

DATES of Surveys held while building

1915 Oct. 21. Nov. 1, 4, 23. Dec. 4, 21. 1916 Jan. 5, 19, 24. Feb. 15, 21. Mar. 3, 9, 20, 23, 30. Apr. 24, 25, 27. May 2, 16, 31. June 6, 12, 20. July 6, 14, 18, 21, 28.

Total No. of Visits *35.*

Surveyor's Signature.

Ridley Powell

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