

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office.

SAT. 13 AUG 1910

Date of completion of report Aug 11/10.

State if Report is also sent on the Machinery of the Vessel Ans Rpt to

Survey held at Sally

Port of Hull  
Date, First Survey April 22nd Last Survey 1910

No. 22847

On the Steam Trawler "ARIAN"

Rig Ketch

TONNAGE under 197.25

CLASS X 100 A1, Steam Trawler

Master ✓

Year of appointment

(1) As Master in service of  
owner of present vessel—19  
(2) As Master of the  
vessel—19

Built at Sally

When built 1910

Launched 8th June

By whom built Cochran & Sons

Owners J. R. Buckley

Managers

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

Residence Grimsley

Port belonging to Grimsley

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

Total under Upper 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 221.13

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES. 221.13

Less Engine Room 112.61

Less Navigation Spaces 6.89

Register Tonnage 101.63

Breadth (greatest moulded) 21.375

Depth, at middle of length from top of keel to top of upper deck beams at side 12.250

Transverse Number 33.625

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

Longitudinal Number 4035

Depth "d," at middle of length (See Secs. 2 & 18) 11.3

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 9.75

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

Destined Voyage Fishing

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

LENGTH on Deck as per Rule	Fect.	Inches.	BREADTH—Moulded	Fect.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Fect.	Inches.	No. of Decks with flat laid	One
120	0		21	4 1/2		do. do. do. Second Dk. Beams	11	7	No. of Tiers of Beams	One

Dimensions of Ship per Register, Length 120.4 breadth 21.54 depth 11.55

Moulded depth, ft. 12 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 5 ins.

FRAMING.						FORGINGS or CASTINGS.					
FRAME, Angles, or E or L Bars amidships						KEEL, Bar, depth and thickness					
Do. in peaks	4	3	8 1/2	4	3	8 1/2	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4
Do. in way of Double Bottoms at Solid Floors	✓	✓	✓	✓	✓	STEM, moulding and thickness	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4	7 1/2 x 1 1/4
Spacing of Frames from centre to centre amidships	21	✓	✓	21	✓	STERN-POST for Rudder do. do.	6 x 3	6 x 3	6 x 3	6 x 3	6 x 3
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
REVERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
FRAMING, depth of girder	4	✓	✓	4	✓	RUDDER—A x D* Table 22	3 1/2 x 3	3 1/2 x 3	3 1/2 x 3	3 1/2 x 3	3 1/2 x 3
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16	✓	✓	16	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	RUDDER, how constructed	Forged iron frame, 2 plates 5"	Forged iron frame, 2 plates 5"	Forged iron frame, 2 plates 5"	Forged iron frame, 2 plates 5"	Forged iron frame, 2 plates 5"
" " " " " " " " " " " "	✓	✓	✓	✓	✓	Can the Rudder be unshipped afloat?	Yes	Yes	Yes	Yes	Yes
" " " " " " " " " " " "	✓	✓	✓	✓	✓	KEELSONS & STRINGERS.					
FLOORS & BRACKETS in Cell Dble Bottoms	✓	✓	✓	✓	✓	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " " " " " " " " " "	✓	✓	✓	✓	✓	Do. Rider Plate	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
SIDE GIRDERS, number on each side & thickness	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
MARGIN PLATE, depth (exclusive of flange) and thickness	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	8	5	3	8	50	50	50	50	50
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	8	5	3	8	3 x 3	6	3 x 3	6	3 x 3
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
PILLARS, In 'tween Deck, size and spacing	2 1/2	✓	✓	2 1/2	✓	✓	3	5	3	5	3
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
WEB-FRAMES, In Fore Body, No. and spacing	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
WEB-FRAMES, In E. & B. Space, No. & spacing	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
WEB-FRAMES, In After Body, No. and spacing	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
" " " " " " " " " " " "	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓	✓	✓	✓	✓	" " " " " " " " " " " "	✓	✓	✓	✓	✓



