

With or Without
Disconnected Erections.

STEEL STEAMER.

SAT. JUN 14 1924
Received at London Office

Date of completion of report 6th of June 1924 Port of Rotterdam No. 13590
Survey held at Lekkerkerk Date, First Survey 13-12-1923 Last Survey 2-6-1924

On the (State if Single, Twin, or Triple Screw) steel single screw steam tugboat "CAIRN ROCK" Rig One mast for signalling purposes.
TONNAGE under Tonnage Deck... CLASS 100 A - FEET. Master
Do. between Tonnage Dk. and 3rd and 4th Dk. Breadth (greatest moulded) 19.75
Total under Upper Dk. Depth, at middle of length from top of keel to top of upper deck beams at side 10.33
Do. of Poop Transverse Number 30.08
Do. of R.Q.Dk. Ressel will be measured
Do. of Bridge House Length on deck from fore part of stem to after part of stern post 77.0
Do. of Forecastle Longitudinal Number 2316
Do. of Houses on Dk. Depth "d" at middle of length (See Secs. 2 & 13) 9.4
Do. of excess of Hatchways for tonnage Proportions—Depths to Length—Upper Deck Beam at side to top of keel 7.4
Do. above Crown of Engine Room Less Crew Space Less above Crown of Engine Room Less Engine Room Less Navigation Spaces
Gross Tonnage 4700 Net Tonnage 4700
Register Tonnage as cut on Beam 4700
Destined Voyage Great Yarmouth. If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck as per Rule	BREADTH Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
77 0	19 9	10 4	5	5
Moulded depth, ft. 10 ins. 4 To Bridge Dk. Round of Upper Dk. Beam, Actual 5 ins.				
Moulded depth, ft. 10 ins. 4 To Upper Dk. Dk. Beam, Actual 5 ins.				
Dimensions of Ship per Register, Length breadth depth				
FRAMING.				
FRAME, Angles, and alternately L Bars amidships				
Do. in peaks				
Do. in way of Double Bottoms at Solid Floors				
" " at intermdt. Bkts.				
Spacing of Frames from centre to centre amidships				
" " length to Collision bulkhead				
" " in peaks				
REVERSED FRAME, Angles, on floors only				
Do. in way of Double Bottoms at Solid Floors				
" " at intermdt. Bkts.				
FRAMING, depth of girder				
FLOORS, 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				
FLOORS in Cell Double Bottoms				
" state if flanged (top & bottom)				
" Spacing of Solid floors				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.				
" Angles, Top				
" " Bottom				
" " to Floors				
" Brackets at intermdt. frmg., width & thcknss				
SIDE GIRDERS, number on each side & thickness				
" state if flanged (top and bottom)				
" Angles (top and bottom)				
" " to Floors				
MARGIN PLATE, depth (exclusive of flange) and thickness				
" Angle to Outside Plating				
" " Floors				
" Brackets at intermdt. frmg., width & thcknss				
" Height of Outside Brackets above at bilge				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				
" " in Engine and Boiler space				
" Remainder in Holds				
BEAMS, Upper Deck, Single Angle, Bulb, or Channel				
" In way of Long Bridge				
" Spacing				
BEAMS, Second Deck, Single Angle, Bulb, or Channel				
" Angle, Plate, Tee Bulb, or Channel				
" Spacing				
BEAMS, Third and Fourth Deck, Single Angle, Bulb, or Channel				
" 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				
" Angles on upper edge				
" Spacing				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				
" Angles on upper edge				
" Spacing				
PILLARS.				
PILLARS In 'tween Deck, size and spacing				
" " Hold				
" Quarter 'tween Dks.,				
" " in Hold				
KEELSONS & STRINGERS.				
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" Rider Plate				
" Flat Plate Keel Angles				
" Horizontal Plates on Floors				
" Angles or Bulb Angles				
SIDE KEELSONS, Number				
" Angles or Bulb Angles				
" Plate above floors, for length				
" Intercoastal Plate, for length				
" Attached to outside Plating with Angle				
BILGE KEELSON, Angles				
" Intercoastal Plate for length				
" Attached to outside Plating with Angle				
SIDE STRINGERS, Number				
" " Bulb Angle				
" Intercoastal Plate, for length				
" Attached to outside plating with Angle				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				
" " " " br'dth & thickness (in way of Bridge)				
" " " " Angle (clear of Bridge)				
" " Tie Plate at sides of Hatchways				
" Deck, * Iron or Steel, for length				
" Thickness (clear of Bridge)				
" " (in way of Bridge)				
" Wood Deck. Material & thickness				
Second Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck, * Iron or Steel, for length				
" Wood Deck. Material & thickness				
Third Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates, outside Hatchways				
" Deck, * Material and thickness				
Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck, Material & thickness				
Poop Deck Stringer Plate, breadth & thickness				
" Angle on ditto				
" Tie Plates				
" Deck, Material and thickness				
Bridge Deck Stringer Plate, br'dth & thickness				
" Angle on ditto				
" Tie Plates				
" Deck, Material and thickness				
Forecastle Deck Stringer Plate, br'dth & th'kns				
" Angle on ditto				
" Tie Plates				
" Deck, Material and thickness				

Form No. 1A-

he Survivors are requested not to write on or

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 it should appear in the Register Book) 1 *st. dk.*

Official No. ; Signal Letters State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
		Total capacity of double bottom			

* 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. *664*

Date *15-12-1923*

No. *572* in builder's yard.

DATES of Surveys held while building

13/12-1923 ; 8-23/1 ; 29/2 ; 26/3 ; 8-23/4 ; 6-22/5 ; 2/6-1924. —

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Total No. of Visits *10*

Surveyor's Signature

R. V. V. V.

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