

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London on **WED. APR. 16 1924.**

Date of completion of report

Survey held at **Dumbarton**

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

Port of **Glasgow**

Date, First Survey **20th February 1923** Last Survey **22 April**

5-k No. **43538**

1924

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

**Single Screw Steamer "CEDARTON"**

Rig **2 Masts in sails**

TONNAGE under

Tonnage Deck **1373.50**

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

Total under Upper Dk.

Do. of Poop **182.77**

Do. of R.O. Dk. **577**

Do. of Forecastle **42.03**

Do. of Houses on Dk. **85.79**

Do. of excess of Hatchways **41.84**

Do. above Crown of Engine Room

Gross Tonnage **1731.70**

Less Crew Space **71.73**

Less above Crown of Engine Room

TONNAGE FOR FEES **1731.70**

Less Engine Room **554.14**

Less Navigation Spaces **101.14**

Register Tonnage **1004.69**

as cut on Beam

CLASS **\*100A1** for service

in the Great Lakes & River St. Lawrence

Breadth (greatest moulded) **43.0**

Depth, at middle of length from top of keel to top of upper deck beams at side **17.5**

Transverse Number **60.5**

Length on deck from fore part of stem to after part of stern post **250.0**

Longitudinal Number **15125**

Depth "d," at middle of length (See Secs. 2 & 13) **14.83**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **14.28**

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

Master

Year of appointment

Built at **Dumbarton**

When built **1924**

By whom built **A. W. Millan & Son Ltd.**

Owners **The Matthews & S. O. Ltd.**

Managers **A. E. Matheson**

Residence

Port belonging to **Glasgow**

Destined Voyage **Great Lakes.** If Surveyed while Building, Afloat, or in Dry Dock **Yes**

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
250	0	43	0	17	5	15	5	1	me
									No. of Tiers of Beams
									me

Dimensions of Ship per Register, Length **250.1** breadth **43.2** depth **15.5** Moulded depth, ft. **17** ins. **6** To Bridge Dk. Round of Upper Dk. Beam, Actual **10 1/2** ins.

FRAMING.				PILLARS.				Inches in Ship.						Inches in Ship.						Inches in Ship.						Inches in Ship.					
Or as Approved.				Or as Approved.				Or as Approved.						Or as Approved.						Or as Approved.						Or as Approved.					
FRAME, Angles or Bars amidships	3	3	34	7	3	34	3	34	PILLARS In 'tween Deck, size and spacing						Do. supported by brackets & bulkheads see approved plans.																
Do. in peaks	7	3	34	17	3	34	3	34	" " Hold																						
Do. in way of Double Bottoms at Solid Floors	3	3	30	3	3	30	3	30	" Quarter 'tween Dks.,																						
" " at intermdt. Bkts.	6 1/2	3	38	16 1/2	3	38	3	38	" in Hold																						
Spacing of Frames from centre to centre amidships	24	4	21	24	4	21	24	21	KEELSONS & STRINGERS.																						
" " length to Collision bulkhead	24	4	21	24	4	21	24	21	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate																						
" " in peaks	24	4	21	24	4	21	24	21	" Rider Plate																						
REVERSED FRAME, Angles in after peak	3	3	35	3	3	35	3	35	" Flat Plate Keel Angles																						
Do. in way of Double Bottoms at Solid Floors	3	3	30	3	3	30	3	30	" Horizontal Plates on Floors																						
" " at intermdt. Bkts.	6	3	38	16	3	38	6	38	" Angles or Bulb Angles																						
FRAMING, depth of girder	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	SIDE KEELSONS, Number																						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3	3	30	3	3	30	3	30	" Angles or Bulb Angles																						
" in way of Engine and Boiler Spaces	3	3	30	3	3	30	3	30	" Plate above floors, for length																						
thickness at the ends of vessel	3	3	30	3	3	30	3	30	" Intercoastal Plate, for length																						
depth at 1/2 the half breadth, as per Rule	3	3	30	3	3	30	3	30	Attached to outside Plating with Angle																						
height extended at the Bilges	30	1	30	30	1	30	30	30	BILGE KEELSON, Angles																						
DOORS in Cell. Double Bottoms	30	1	30	30	1	30	30	30	" Intercoastal Plate for length																						
state if flanged (top & bottom)	48	1	48	48	1	48	48	48	Attached to outside Plating with Angle																						
Spacing of Solid floors	36	40	36	40	36	40	36	40	SIDE STRINGERS, Number 2 in fore end of 8" hold use profile																						
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	44	" Angle																						
" Angles, Top	4	4	60	4	4	60	4	60	" Intercoastal Plate, for length																						
" Bottom	4 1/2	4 1/2	38	4 1/2	4 1/2	38	4 1/2	38	Attached to outside plating with Angle																						
" to Floors	30	30	30	30	30	30	30	30	Upper Deck Stringer Plate, br'dth & thickness																						
Brackets at intermdt. frmg., wdth & thcknss	me	30	me	30	me	30	me	30	" " " " "																						
KEEL GIRDERS, number on each side & thickness	me	30	me	30	me	30	me	30	" " " " "																						
state if flanged (top and bottom)	3	3	30	3	3	30	3	30	" " " " "																						
" Angles (top and bottom)	3	3	30	3	3	30	3	30	" " " " "																						
" to Floors	36	34	36	34	36	34	36	34	" " " " "																						
KEEL PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	38	" " " " "																						
" Angle to Outside Plating	3	3	30	3	3	30	3	30	" " " " "																						
" Floors	42	30	42	30	42	30	42	30	" " " " "																						
Brackets at intermdt. frmg., wdth & thcknss	30	30	30	30	30	30	30	30	" " " " "																						
Height of Outside Brackets above at bilge	40	48	40	48	40	48	40	48	" " " " "																						
BOTTOM PLATING, breadth and thickness of Middle Line Strake	38 1/2	48 1/2	38 1/2	48 1/2	38 1/2	48 1/2	38 1/2	48 1/2	" " " " "																						
" in Engine and Boiler space	42	42	42	42	42	42	42	42	" " " " "																						
" Remainder in Holds	5	3	40	5	3	40	5	40	" " " " "																						
Upper Deck, Single Angle, Bulb	5	3	38	5	3	38	5	38	" " " " "																						
Angle, Plate, Tee Bulb, or Channel	24	24	24	24	24	24	24	24	" " " " "																						
In way of Long Bridge	5	3	40	5	3	40	5	40	" " " " "																						
Second Deck, Single Angle, Bulb	5	3	40	5	3	40	5	40	" " " " "																						
Angle, Plate, Tee Bulb, or Channel	24	24	24	24	24	24	24	24	" " " " "																						
In way of Long Bridge	5	3	40	5	3	40	5	40	" " " " "																						
Third and Fourth Deck, Single Angle, Bulb	5	3	40	5	3	40	5	40	" " " " "																						
Angle, Plate, Tee Bulb, or Channel	24	24	24	24	24	24	24	24	" " " " "																						
In way of Long Bridge	5	3	40	5	3	40	5	40	" " " " "																						
Bridge Deck, Single Angle, Bulb	5	3	40	5	3	40	5	40	" " " " "																						
Angle, Plate, Tee Bulb, or Channel	24	24	24	24	24	24	24	24	" " " " "																						
In way of Long Bridge	5	3	40	5	3	40	5	40	" " " " "																						
Forecastle Deck, Single Angle, Bulb	8	3	40	8	3	40	8	40	" " " " "																						
Angle, Plate, Tee Bulb, or Channel	42	36	42	36	42	36	42	36	" " " " "																						
In way of Long Bridge	42	36	42	36	42	36	42	36	" " " " "																						
Spacing	42	36	42	36	42	36	42	36	" " " " "																						



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.						
57424		1st Bower ...		33	1	21	Stockless			31	3	0	14	33	0	0	Taylor's Dredging		S. Taylor & Sons		Lymington 28.2.23 Bydale	
57429		2nd „ ...		33	0	7	do			30	17	2	0	33	0	0	do		do		do 5.3.23 do	
		3rd „ ...																				
		4th „ ...																				
		Collective weight.		66	2	0	1							66	0	0	1					
38452		Stream .....		8	1	20	2 0 18			10	10	0	0	8	2	0	Ordinary		Jellens Bros Ltd		Gundley Heath 21.4.23 Paul	
		Kedge.....																				
If Patent state Name of Patentee																						
If 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 *Head and shank forged open length not steel*  
2nd ,, *do do do do*  
3rd ,, *Stream forged iron*  
4th ,,

#### CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		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 Towline.	Length and size supplied.	
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
57732	210 3/4	1 1/16	5 1/4	7 1/4	302-0-5	301-2-12	210	1 1/16	Steel	<i>Sellers Bros Ltd. Liverpool 24-4-23 Drydock</i>		TOWLINE S. 41.	90	3 1/2	26	90	3 1/2
Iron Stream Chain or Steel Wire	75	3 1/2	26				75	3 1/2	S. 41.			HAWSEERS & WARPS	541.	90	3 3/4	29 (3) 90	2 3/4
													541(2)	90	2 3/4	15 1/2 (3) 90	2 1/4
													" (2)	90	2 1/4	9 1/2 (3) 90	2 1/4
													" 2	90	1 3/4	5 1/2 (3) 90	1 3/4
												Manilla	90	3 1/2			

**Boats** 2 Lifeboats  
**Pumps, Number** One Downton  
**Windlass is** Steam by Emerson Walker  
**Engine Room Skylights.**—How constructed? *Steel*  
**Coal Bunker Openings.**—How constructed? *Steel hatch steel cover* How are lids secured? *hinged and clips* Height above deck? *9" above boat deck*  
**Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.** *2 FF 42"x15" 4 scuppers each side from Main deck 5 each side from Quarter deck*  
**Ceiling in Holds, thickness and material** *no ceiling*  
**Cargo Hatchways.**—How formed? *Steel plates and angles*  
**State size No. 1 Hatch (Forward)** 12'-0" x 29'-0" **No. 2 Hatch** 12'-0" x 29'-0" **No. 3 Hatch** 12'-0" x 29'-0" **No. 4 Hatch** 12'-0" x 29'-0"  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** *3 steel fore & aft web 4 1/2 athwartships oak beam*  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** *3 steel fore & aft web 4 1/2 athwartships oak beam*  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** *3 steel fore & aft web 4 1/2 athwartships oak beam*  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** *3 steel fore & aft web 4 1/2 athwartships oak beam*  
**Bulwarks, height above deck and description** *Shut bulkhead round stern & ahead EYB. Main Rail, material and size open rail elsewhere*  
**The foregoing is a correct description**  
**Builder's Signature (here only)** *Archd. McWilliam & Son Ltd. Glasgow*  
**Surveyor's Signature** *J. M. Iverna*  
**Surveyor to Lloyd's Register of Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *M*  
*21-12-22, 23-12-22, 28-12-22, 17-1-23, 22-1-23, 25-1-23, (27-1-23), 6-2-23, 10-5-23, 14-5-23, 17-5-23,*

**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? *frames joggled* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes* Do any rivets break into or through the seams or butts of the plating? *a few*  
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 *satisfactory*  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *yes* State results of tests *satisfactory*  
**General Remarks (State quality of workmanship, &c.)** *Workmanship good.*  
*This vessel has been built in accordance with the approved plans, the Secretary's letter, and in accordance with the rules for the class contemplated.*

*4 Forging Reports, 5 approved plans and a copy of the midship section are enclosed.*

**+ 100 A1 For service on the Great Lakes and River St. Lawrence**  
*3 watertight bulkheads: also 2 intermediate bulkheads in holds (lower parts watertight) Cargo battens not fitted.*  
The Surveyor should state the Number of Report and Name of any Sister Vessel. *Glasgow 42717 S.S. "OAKTON"*  
Plans to be forwarded with F.E. Report showing vessel as built. *Chd from above oakton 8;*

The amount of Entry Fee ..... £ 5 : 0 : 0  
Special Survey Fee.... £ 16 : 12 : 0  
Travelling Expenses, if any £ 6 : 0 : 0  
State whether the Vessel has been built under Special Survey *yes*  
I am of opinion this Vessel should be Classed **+ 100 A1 for service on the Great Lakes and River St. Lawrence.**  
With, or without Freeboard, as condition of Class *with*  
**Fees applied for, 15 APR 1924**  
**Received by me, 22/4/24**  
**Hull & Machinery Certificate sent to Glasgow**  
**Date of issue 22/4/24**  
**J. M. Iverna**  
**Surveyor to Lloyd's Register of Shipping.**

**Committee's Minute GLASGOW 15 APR 1924**  
**Character assigned** *+ 100 A1*  
*4, 24*  
*For service on the Great Lakes & River St. Lawrence*  
*Lloyd's A+C*  
*+ LMC 4, 24*  
*Cargo battens not fitted*  
*3 WTBH's also 2 intermediate BH in holds (lower parts WT)*

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 92 ft., Bridge ☒ ft., Forecastle 36 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) one deck stl. Machinery aft

Official No. 147891 ; Signal Letters State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside (cement wash) inside double bottom 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,			Fore peak tank,		265
Double bottom, under Engines and Boilers,	40-0	91	After peak tank,		10
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	170-0	508	Other tanks, if fitted,		
	Total capacity of double bottom	599	(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. 5544

Date 17. 2. 1923

No. 488 in builder's yard.

DATES OF SURVEYS held while building

1923 Feb 20. 22. 28. Mar 9. 15. 20. 26. 30. Apr 3. 6. 12. 17. 20. 22. 27. 30. May 2. 8. 11. 15. 22. 25. 30. Jun 5. 8. 12. 19. 22. 28. Jul 5. 10. Aug 3. 21. 31. Sep 6. 15. 27. Oct 12. 18. 26. Nov 6. 14. 19. 26. Dec 4. 7. 10. 13. 14. 18. 20. 24. 28. 1924 Jan 11. 15. 18. Mar 4. 25. Apr 3. 5. 7.

Surveyor's Signature

Lloyd's Register  
J. M. H. H. H.