

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. JUL 2-1913

Date of completion of report

Survey held at

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

TONNAGE under

Tonnage Deck

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

Total under Upper 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

Less Engine Room

Less Navigation Spaces

Register Tonnage as cut on Beam

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

Port of

Date, First Survey

Last Survey

Rig

Master

Year of appointment

Built at

When built

By whom built

Owners

Manager

Residence

Port belonging to

S.S. "UNCAS"

Greenock

2nd May 1912

25th June 1913

No. 16497

25th June 1913

Schooner

P. Stewart

Greenock

1913

Launched 25th April 1913

The Greenock & Fingernouth Dockyard & Co. Ltd.

Tank Storage & Carriage Co. Ltd.

W. J. Smith

London

Greenock

(1) As Master in service of owner of present vessel:—1500.
(2) As Master of this vessel:—1515.

CLASS 100 91. LONGITUDINAL FRAMING ETC.

Breadth (greatest moulded)

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

Transverse Number

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

Longitudinal Number

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

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

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

Destined Voyage New York

If Surveyed while Building, Afloat, or in Dry Dock

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
373.0	51.0	29.0	two
Moulded depth, ft. 36. ins. 8. To Bridge Dk. Round of Upper Dk. Beam, Actual 12. ins.			
Moulded depth, ft. 29. ins. 2. To Upper Dk.			
FRAMING.			
FRAME, Angles, or E or L Bars amidships	6. 32. 36. 6. 32. 36.		
Do. in peaks			
Do. in way of Double Bottoms at Solid Floors			
" " at intermdt. Bkts.			
Spacing of Frames from centre to centre amidships	24. 24.		
" " length to Collision bulkhead			
" " in peaks			
REVERSED FRAME, Angles	32. 3. 36. 32. 3. 36.		
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	See page 4		
" 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	40 E. 50 B. 40 E. 50 B.		
FLOORS in Cell. Double Bottoms			
" state if flanged (top & bottom)	36. 36.		
" Spacing of Solid floors	42. 50 E. 60 B. 42. 50 E. 60 B.		
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	32. 32. 50. 32. 32. 50.		
" Angles, Top	42. 42. 60. 42. 42. 60.		
" Bottom	5. 5. 60. 5. 5. 60.		
" to Floors			
Brackets at intermdt. frmg. width & thkness	2. 38 E. 48 B. 2. 36 E. 46 B.		
SIDE GIRDERS, number on each side & thickness	32. 32. 40. 32. 32. 40.		
" state if flanged (top and bottom)			
" Angles (top and bottom)			
" to Floors			
MARGIN PLATE, depth (exclusive of flange) and thickness	TANK STRAIGHT ACROSS.		
" Angles to Outside Plating	5. 5. 44. 32. 32. 46.		
" Floors			
Brackets at intermdt. frmg. width & thkness			
Height of Outside Brackets above at bilge	66. 58 E. 66 B. 42. 50 E. 56 B.		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	58 E. 66 B. 48 E. 56 B.		
" in Engine and Boiler space			
Remainder in Holds			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			
" In way of Long Bridge			
" Spacing			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			
" Spacing			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	See page 4		
" 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	82. 3. 46. 82. 3. 46.		
" Angles on upper edge			
" Spacing	3'0" 7'4"0" 3'0" 7'4"0"		
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			
" Angle			
" Intercoastal Plate, for length			
" Attached to outside plating with Angle			
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	65. 60. 60.		
" " " " br'dth & thickness (in way of Bridge)	6 x 6 x 60. 6 x 6 x 60.		
" " " " Angle (clear of Bridge)			
" " " " Tie Plate at sides of Hatchways			
" Deck * Iron or Steel, for WHOLE lng.	32. 42.		
" " " " Thickness (clear of Bridge)			
" " " " (in way of Bridge)			
" Wood Deck, Material & thickness	79 3/4. 42. 42.		
Second Deck Stringer Plate, br'dth & thickness	5 x 5 x 60. 5 x 5 x 44.		
" Angles on ditto, No. ONE			
" Tie Plates outside Hatchways			
" Deck * Iron or Steel, for WHOLE lng.	40. 40.		
" 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	34. 34. 34. 34.		
Poop Deck Stringer Plate, breadth & thickness	32 x 32 x 34. 32 x 32 x 34.		
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness	STEEL 30. 30. 30. 30.		
Bridge Deck Stringer Plate, br'dth & thickness	39. 39. 39. 39.		
" Angle on ditto	32 x 32 x 40. 32 x 32 x 40.		
" Tie Plates			
" Deck, Material and thickness	STEEL 26. 26. 26. 26.		
Forecastle Deck Stringer Plate, br'dth & thickness	34. 34. 34. 34.		
" Angle on ditto	32 x 32 x 34. 32 x 32 x 34.		
" Tie Plates			
" Deck, Material and thickness	STEEL 24. 24. 24. 24.		

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

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[illegible]

Mechanical test of Lockless Anchor.
by J. Krüger Dusseldorf. 27/12/12.

WED. JUL. 2-1913

EQUIPMENT No. 31289 **LETTER** ZC-1 **ANCHORS.** **TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS.**

No. of Certificate	Anchors	WEIGHT, EX STOCK Owts. qrs. lbs.	WEIGHT OF STOCK Owts. qrs. lbs.	TEST, PER CERTIFICATE Tons. owts. qrs. lbs.	WEIGHT REQUIRED BY TABLE SL. Owts. qrs. lbs.	Description of Anchor	Makers	Where and when tested and Superintendent
16598	1st Bower ...	47 3 0	Stockless	40 19 1	47 2 0	Stockless	W.C. Byars & Co.	Dtd 4/3/12 L. Hoffman
40023	2nd "	45 2 2	" "	39 12 3	45 0 0	Rodgers'	" "	" Dtd 16/4/12 C.E. Pearson
38964	3rd "	46 2 7	" "	39 11 1	45 0 0	" "	" "	" Dtd 14/12 " "
	4th "							
	Collective weight	139 0 0			137 2 0			
9444	Stream	14 3 0	3 3 0	16 6 0	15 0 0	Flat section comm.	S Taylor & Son	Candiff 13/4/12 F.W.P.
9446	Kedge.....	6 2 7	1 2 14	8 16 0	6 2 0	" "	" "	" "

CHAIN CABLES.

No. of Certificate	Length and size supplied Fathoms. Ins.	Test per Certificate Status Break-torque Tons.	WEIGHT OF CHAIN CABLE Supplied Per Rule Owts. qrs. lbs.	Length and Size per Table Sl. Fathoms. Ins.	Description	Makers of Cables	Where and when tested, and Superintendent	Material	Length and Size supplied Fathoms. Ins.	Breaking Test of Steel Wire Towline Tons.	Length and Size per Table Sl. Fathoms. Ins.
12634	270 28	8 1/2 113 1/2	6 1/4 8 1/4 608 2 1/4	270 28	Stud	S Taylor & Son	Candiff 14/4/12 F.W.P.	TOWLINE	2-120 33	26 1/2	120 4 1/2
								HAWSESS&WARPS	2-90 7	MONILLA 180	7 1/2
									2-120 33	"	120 4 1/2
									2-90 7	"	120 4 1/2
									2-120 33	"	120 4 1/2

Boats 4. **Steering Gear,** Steam by Lynn & Co. **Steering Gear, Hand** fitted aft.

Pumps, Number see Pumping Plan. Diameter of Barrel State whether they are in efficient working order ✓

Windlass is steam by Emerson Walker & Thompson. **Capstan** ✓

Engine Room Skylights. How constructed? steel plates & angles. What arrangements for deadlights in bad weather? steel plates & bulb's eyes.

Coal Bunker Openings. How constructed? steel plate & angles. How are lids secured? by deck & battens. Height above deck? 30"

Number of Scupperns, and numbers and dimensions of **Freeing Ports, &c.** 6 scupperns each side & 9 ports each side 8' x 2'0" x 2'7" x 2'6" x 18"

Celling in Holds, thickness and material 2 1/2" w.p. **Cargo Battens,** thickness and material S.W.P.

Cargo Hatchways. How formed? steel plate & angles. Hatches, If strong and efficient? yes.

State size **No. 1 Hatch** (Forward) 4'10 1/2 x 15'1". **No. 2 Hatch** **No. 3 Hatch** **No. 4 Hatch**

Number of **Web Plates, Shifting Beams** and Fore and Afters to each Hatch Three.

Bulwarks, height above deck and description 48" x 26 steel. Main Rail, material and size 6" Gyroak rail bar.

The foregoing is a correct description. Surveyor's Signature A.R.W.M. Rab.

Builder's Signature (have entry) W. Malla Junior Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case).
M 24/1/12. M 4/2/12. M 11/2/12. M 15/2/12. M 17/2/12. M 23/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12. M 27/2/12.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed where practicable

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? none, longitudinal framing. 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 overlapped? 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.) This vessel has been built in accordance with the rules & the approved plans forwarded herewith.

The materials and workmanship are of good quality.

The oil tanks (28 in number) have been tested as required by the rules & found satisfactory. The off-endam have also been tested & found satisfactory.

NOTE. The oil fuel tank has been constructed in accordance with the approved plans, tested as required by Sec. 49 of the rules & found satisfactory. In no other respect has Section 49 been complied with as it is not the Owner's intention to use oil fuel at present.

An installation of wireless telegraphy by Messrs Siemens of Woolwich has been except for the re-arrangement of summer tanks & increased width of shell plating this vessel is a sister to the "HERA" GRK RPT. NO 16285.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee £ 5 : : : Fees applied for,
Special Survey Fee £ 137 : 2 : 6 Received by me, J.G.S.
Travelling Expenses, if any £ : : :
Date of issue 3/7/13

I am of opinion this Vessel should be Classd *100 P.I. LONGITUDINAL FRAMING CARRYING PETROLEUM IN BULK.

With or without Freeboard, as condition of Class

Committee's Minute GLASGOW 1-JUL-1913

Character assigned + 100 P.I.

Longitudinal framing
Carrying Petroleum in bulk.
Lloyd's A+CR
H.M.O. 6/13

Surveyor to Lloyd's Register of British and Foreign Shipping.

Rpt.

Date of
No. in
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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) 2 DKS (STL) & WEB FRMS.

Official No. 135326; Signal Letters ✓ State if Machinery is fitted aft yes.

How are the surfaces preserved from oxidation? Inside by Portland cement & Paint outside oil tanks Outside by Paint.

PARTICULARS OF WATER BALLAST.		Where Fitted.		*Length.	Water Capacity.
Where Fitted.		*Length.	Water Capacity.	Feet.	Tons.
		Feet.	Tons.		
Double bottom, aft,				22.5.	138.
Double bottom, under Engines and Boilers,				18. 0.	90.
Double bottom, if under Engines only, AFT.	39. 0.	41.			
Double bottom, if under Boilers only, "	36. 0.	87.			
Double bottom, forward,					
Total capacity of double bottom	132.				

* 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. <u>2689</u>	DATES of Surveys held while building	1912 May 2. 6. 16. 20. 23. 30. June 5. 11. 13. 20. 24. July 1. 16. 18. 22. 25. 29. Aug. 1. 8. 12. 14. 16. 21. 26. 28. Sept. 2. 5. 10. 13. 17. 23. 25. 26. 30. Oct. 2. 4. 8. 10. 14. 16. 18. 22. 24. 28. 29. 31. Nov. 4. 6. 8. 12. 14. 21. 25. 28. Dec. 2. 4. 6. 11. 13. 17. 19. 23. 26. 1913 Jan. 3. 9. 13. 16. 22. 24. 28. 29. 30. Feb. 3. 5. 7. 11. 14. 17. 19. 21. 24. 26. 28. March. 3. 6. 10. 12. 13. 17. 19. 20. 24. 25. 26. 28. 31. Apr. 1. 2. 3. 4. 8. 10. 11. 14. 16. 18. 21. 22. 23. 24. 28. 29. 30. May. 1. 5. 6. 7. 8. 9. 12. 14. 15. 16. 20. 22. 23. 26. 28. 29. June 3. 6. 7. 10. 11. 12. 17. 19. 21. 23. 25. Total No. of Visits <u>141</u>
Date <u>13th Feby 1912</u>		Surveyor's Signature <u>A. P. W. M. Crab.</u>
No. <u>344</u> in builder's yard.		