

~~IRON OR~~ STEEL STEAMER.

No. 15225.

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

Port of GREENOCK Date of completion of Report 9TH OCTOBER 1907 Received at London Office TUES. 22 OCT 1907
Survey held at PORT GLASGOW " Date, First Survey 9th January 1907 Last Survey 5TH OCTOBER 1907
On the STEEL SCREW STEAMER, STRATHLEVEN (YARD N:196) Rig SCHOONER

Tonnage under Tonnage Deck...	
Do. of <i>Tonnage Dk.</i>	
<i>and 3rd, 4th, Spar or Awning Dk.</i>	
Total under Upper Dk.	4096.93
Do. of <i>Pop</i>	
Do. of <i>Bridge House</i>	118.21
Do. of <i>Forecastle</i>	54.04
Do. of <i>Houses on Deck</i>	20.79
Do. of <i>excess of Hatchways</i>	37.04
Do. above <i>Crown of Engine Room</i> ..	68.78
Gross Tonnage	4395.79
Less <i>Crew Space</i>	100.05
Less above <i>Crown of Engine Room</i> ..	68.78 = 168.83
TONNAGE FOR FEES. .	4226.96
Less <i>Engine Room</i>	1406.65
Less <i>Navigation Spaces</i>	4428.1450.93
+LIGHT & AIR =	2775.03 68.78
Register Tonnage	2844.81
<i>as cut on Beam.</i>	

SPAR, ~~TWINNING OR PART AWNING-DECKED VESSEL,~~
~~or a Vessel having a continuous Shade Deck.~~
CLASS 100A1 "SPAR DECK".

Master E. H. TODD

Year of Appointment { (1) As Master in service of owner of present vessel:—1907
(2) As Master of this vessel:—1907

Built at **PORT GLASGOW**

When built 1907 Launched 5th Sept 1907

By whom built W^d HAMILTON & CO. LTD.

Owners THE "STRATHLEVEN" STEAMSHIP CO. LTD.

Managers BURRELL AND SON

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

Residence GLASGOW

Port belonging to GLASGOW

BUILT UNDER

If Surveyed while Building, Afloat, or in Dry Dock **SPECIAL SURVEY.**

LENGTH on Deck as per Rule	Ft. 374	Ins. 0	BREADTH — Moulded . .	Ft. 52	Ins. 0	DEPTH, ACTUAL —Top of Floors to top of Spar or Awn. Dk. Beams Do. do. Main Deck Beams . . .	Ft. 25 17	Ins. 4 5	Power of Engines	Horse. ✓	No. of Decks with flat laid 7 No. of Tiers of Beams 2
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Dimensions of Ship per Register, Length 376.3' breadth 52.3' depth. { 25.4' Spar ~~Deck~~ Dk. Moulded depth, ft. 20 ins. 0¹/₄ To Main Dk. Round up of Main Dk. Beam, Actual } 12³/₄ ins.
Main Deck.

FRAMING.

	Inches in Ship.	Inches in Ship.	30ths in Ship.	Inches per Rule Or as	Inches per Rule Approved.
FRAME, Angles, or L E or Bars, for $\frac{1}{2}$ length amidships	5½	3½	8	5½	3½ 8
Do. for $\frac{1}{2}$ at each end	5½	3½	7	5½	3½ 7
Do. in way of Double Bottoms at Solid Floors ..	3½	3½	8	3½	3½ 8
" "					

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.	
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	36	21	13	13	36	21	13	13	36	21	13	13	36	21	13	13	36	21	13
GABBOARD OF A STRAKE	63	14	12	12	63	14	12	12	63	14	12	12	63	14	12	12	63	14	12
State actual thickness in way of Double Bottom.	B	11	9	9	11	9	9	9	11	9	9	9	11	9	9	9	11	9	9
	C	13	10	10	13	10	10	10	13	10	10	10	13	10	10	10	13	10	10
	D	12	9	9	12	9	9	9	12	9	9	9	12	9	9	9	12	9	9
	E	13	10	10	13	10	10	10	13	10	10	10	13	10	10	10	13	10	10
	F	12	9	9	12	9	9	9	12	9	9	9	12	9	9	9	12	9	9
	G	13	10	10	13	10	10	10	13	10	10	10	13	10	10	10	13	10	10
	H	12	9	9	12	9	9	9	12	9	9	9	12	9	9	9	12	9	9
	J	13	10	10	13	10	10	10	13	10	10	10	13	10	10	10	13	10	10
	K	46 1/4	14-19	10	10	46 1/4	14-19	10	10	46 1/4	14-19	10	10	46 1/4	14-19	10	10	46 1/4	14-19
	L																		
	M																		
	N																		
	O																		
	P																		
	Q																		
	R																		
	S																		
DOUBLING OF FLAT PLATE KEEL KEEL PLATE INCREASED IN THICKNESS.																			
Length of Bilge of Sheerstrakes. 8 1/2"										Length of Bilge of Sheerstrakes. 8 1/2"									
Length of Bilge of Strake below. 13-12 1/2"										Length of Bilge of Strake below. 13-12 1/2"									
POOP SIDES 8 1/2"										POOP SIDES 8 1/2"									
BRIDGE SIDES 13-12 1/2"										BRIDGE SIDES 13-12 1/2"									
FORECASTLE SIDES 8 1/2"										FORECASTLE SIDES 8 1/2"									
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. (SIEMENS PROCESS): PLATES, ANGLES, ETC.: CLYDESDALE; PALMERS; ST. DURHAM; CALDERBANK; DALZELL; LANARKSHIRE; CLYDEBRIDGE; GLASGOW; PARKHEAD; DOWLAIS.																			
Has the Steel been tested as required by the Rules? YES.																			
FRAMES extend in one length from CENTRE LINE to MARGIN AND THENCE TO GUNWALE state if ordinary or jogged? JOGGLED																			
REVERSED FRAMES on floors and frames extend from CENTRE LINE TO MARGIN AND THENCE ALTERNATE state if ordinary or jogged? D																			
TO MAIN AND SPAR DECK.																			
MASTS, SPARS, &c.																			
Material. Total Length. At Partners. Heel. Head. No. of Plates in round. Number. Size. Riveting. Butts.																			
LOWER MASTS. Fore STEEL 54'-5" 24" x 7/20 22" x 7/20 20" x 7/20 TWO SINGLE TREBLE DBLE																			
Main D 57'-0" 24" x 7/20 22" x 7/20 20" x 7/20 TWO SINGLE TREBLE DBLE																			
Mizen D 57'-0" 24" x 7/20 22" x 7/20 20" x 7/20 TWO SINGLE TREBLE DBLE																			
Bowsprit. Topmasts, Yards and Remainder of Spars OF PINE																			
Rigging, Material and Size, Shrouds S.W. 4 1/2" Stays D 5"																			
Sails. ONE Suit of SCHOONER'S Sails, and the following spare sails																			
EQUIPMENT No. 41623 LETTER X ANCHORS. MECHANICAL TESTS BY RABEL																			
Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Req. by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent.																			
2121 1st Bower 57 1 14 46 17 0 21 56 7 0 BRITANNIC PAT SYKES & SON CRAD. HEA 24-6-07 H. D. D. L.																			
2122 2nd 53 2 8 44 11 1 0 56 1 0 D D D D																			
1944 3rd 51 0 14 43 1 2 7 47 2 0 D D D D																			
Collective weight 162 0 8 160 0 0																			
59461 Stream 15 1 2 4 0 4 16 16 2 7 15 0 0 ORDINARY HARTSHORNEY & CO NETH 29-6-07 H. GREEN																			
59437 Kedge 6 2 21 1 2 24 9 0 0 6 2 0 D D D D																			
CHAIN CABLES. HAWSERS AND WARPS.																			
Number of Certificate. Length and Size supplied. Test per Certificate. Weight of Chain Cable. Fathoms and Size per Table 22. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and Size supplied. Breaking Test of Steel Wire. Fathoms and size per Table 22.																			
42030 270 2 1/2 8 1/4 113 4 6 11-1-9 608-2-14 270 2 1/2 STUD. HARTSHORNEY & CO NETH 29-6-07 H. GREEN. TOWLINE S.W. 120 4 1/2 39 120 4 1/2 39 120 4 1/2 39																			
Stream 90 4 1/2 39 - - - 90 4 1/2 S.W. CRAVEN & SPEEDING																			
Boats TWO LIFEBOATS AND TWO OTHERS.																			
Pumps, Number ONE DOWNTON PUMP TO FORE PEAK. Diameter of Barrel 5" State whether they are in efficient working order YES.																			
Windlass is CLARKE, CHAPMAN & CO. Capstan																			
Engine Room Skylights. - How constructed? OF STEEL																			
What arrangements for deadlights in bad weather? STEEL FLAPS & BULL'S EYES.																			
Coal Bunker Openings. - How constructed? OF STEEL How are lids secured? CLEATS & BATTENS Height above deck? 9"																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. SIX SCUPPERS AND SEVEN WATER PORTS (33 1/2" x 21") EACH SIDE.																			
Ceiling in Holds, thickness and material 2 1/2" PINE Cargo Battens, thickness and material 2" PINE																			
Cargo Hatchways. - How formed? STEEL PLATES & ANGLES. Hatches, If strong and efficient? YES, SOLID.																			
State size No. 1 Hatch (Forward) 24' x 16' No. 2 Hatch 32' x 16' No. 3 Hatch 28' x 16' No. 4 Hatch 28' x 16'																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch: N 1: 13 & 4: TWO WEBS. N 2: THREE WEBS.																			
THREE FORE & AFTERS TO EACH HATCH. No. of Breasthooks FIVE No. of Crutches TWO & DEEP FLOORS.																			
Bulwarks, height above deck and description PLATE 54" x 7/20 Main Rail and Stays, material and size B.A. 9" x 3" x 7/20																			
The above is a correct description. WILLIAM HAMILTON & CO., LTD. Surveyor's Signature. David M. Auslan.																			
Builder's Signature (here only). J. H. Hawley Director.																			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

(M) 28 FEB; 10 MARCH; 5 MAY; 12 OCT B; 17-20 DEC B 1906. 30 AUG 1907. (E) 30 OCT B 1906.

Workmanship. Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED

Is the riveted work properly closed? YES

Are the liners between the frames and plates solid single pieces? YES

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 plating? A VERY 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. 23, par. 24)? YES

State results of tests SATISFACTORY

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? YES

State results of tests SATISFACTORY

General Remarks (State quality of workmanship, &c.): This vessel has been built in accordance with the approved plans, the Secretary's letters as above stated and in other respects in conformity with the Rules; the material and workmanship are good.

The keel has been sighted and found about 3/4" up at midships.

THIS IS A SISTER VESSEL TO THE S.S. "STRATHGARRY," REPORT N° 15173.
The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27 ft., R.Q.D. or Break — ft., Bridge Dk. 92 ft., F'castle 39.5 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) ONE DECK (STEEL), SPAR DECK (STEEL), AND DEEP FRAMING.

Official No. 124226; Signal Letters

How are the surfaces preserved from oxidation? Inside PORTLAND 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,	122	332	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	42	170	After peak tank,	—	113
Double bottom, if under Engines only,	—	—	Deep tank aft,	—	—
Double bottom, if under Boilers only,	168	589	Deep tank forward, OF BOILER SPACE	24	613
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—
Total capacity	1091	—	(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. 2126	1907. Jan 9. 15. 17. 21. 24. 29. Feb 5. 7. 13. 15. 18. 21. 25. 28. Mar 4. 7. 12. 13. 15.
Date 2nd Aug 1906	18. 21. 25. 27. 29. April 1. 3. 5. 10. 12. 16. 18. 19. 22. 24. 26. 29. May 1. 6. 9. 13. 17. 20. 24. 27.
No. 196 in builder's yard.	30. June 4. 5. 10. 11. 13. 20. 21. 24. 26. 28. July 2. 19. 22. 24. 26. 30. Aug 2. 7. 9. 12. 14.
Dates of Surveys held while building	16. 20. 21. 23. 27. 29. Sep 3. 5. 12. 19. 25. Oct 4. 5.
	Total No. of Visits 78.

The amount of Entry Fee £ 5: : : 9/10/1907
Special £ 130: 13: 6 Received by me,
Travelling Expenses, if any £ : : : 11/10/1907

Certificate to be sent to GREENOCK.

State whether the Vessel has been built under Special Survey YES
I am of opinion this Vessel should be Classed +100 AT "SPAR DECK"
With or without Freeboard, as condition of Class.

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

Committee's Minute Glasgow 21 OCT 1907

Character assigned - 100 H (Steel) Spar Deck. Lloyd's A, C.P.

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Lloyd's Register

Foundation

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