

[illegible]

S.S. "SAXICAYA"

New Report No. 76008

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Particulars

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Weight, S

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Stream

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PARTICULARS OF LONGITUDINAL FRAMING.

| FRAMING. | | AMIDSHIPS. | | | ENDS. | | | AMIDSHIPS. | | | ENDS. | | | RIVETING. | | | |
|-------------------------------------------------------------|------|--------------------|--------|--------|----------------|-------|------|--------------------------|--------|--------|--------------------------|-------|------|--------------------------------|--------------------------------------------------------------|----------------------------------|-----------|
| | | In Ship. | | | In Ship. | | | Per Rule or as approved. | | | Per Rule or as approved. | | | Rivets in Longitudinal Frames. | Spacing of Rivets on each side of Transverses and Bulkheads. | Rivets in Brackets to Bulkheads. | |
| | | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Ins. | Inches. | Number. | Diameter. |
| | | BRIDGE | | | FORECASTLE | | | BRIDGE | | | FORECASTLE | | | Ins. | Ins. | | Inches. |
| Framing of L, L or E | | | | | | | | | | | | | | | | | |
| Frames in Bridge 'tween Decks L | | 6 1/2 | 3 1/2 | 46 | 6 1/2 | 3 1/2 | 46 | 6 1/2 | 3 1/2 | 46 | 6 1/2 | 3 1/2 | 46 | 3/4 | 4 1/2 | | |
| Frames from Uppermost Continuous Deck No. 1 | | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | 7/8 | 5 1/4 | 7 | 7/8 |
| Framing from Awning, Shelter or Upper Deck to Margin Plate. | " 2 | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | 6 1/2 | 3 1/2 | 40 | " | " | " | " |
| | " 3 | 7 | 3 1/2 | 42 | 7 | 3 1/2 | 40 | 7 | 3 1/2 | 42 | 7 | 3 1/2 | 40 | " | " | 8 | " |
| | " 4 | 8 | 3 1/2 | 42 | 8 | 3 1/2 | 40 | 7 1/2 | 3 1/2 | 42 | 7 1/2 | 3 1/2 | 40 | " | " | " | " |
| | " 5 | 8 | 3 1/2 | 42 | 8 | 3 1/2 | 40 | 8 | 3 1/2 | 42 | 8 | 3 1/2 | 40 | " | " | 4 for 9 rivets | " |
| | " 6 | 9 | 3 1/2 | 46 | 9 | 3 1/2 | 42 | 8 1/2 | 3 1/2 | 44 | 8 1/2 | 3 1/2 | 42 | " | " | " | " |
| | " 7 | 9 | 3 1/2 | 46 | 9 | 3 1/2 | 44 | 9 | 3 1/2 | 46 | 9 | 3 1/2 | 44 | " | " | 10 | " |
| | " 8 | 9 1/2 | 3 1/2 | 46 | 9 1/2 | 3 1/2 | 46 | 9 1/2 | 3 1/2 | 46 | 9 1/2 | 3 1/2 | 46 | " | " | 3 1/2 | " |
| | " 9 | 10 | 3 1/2 | 46 | 10 1/2 | 3 1/2 | 44 | 10 | 3 1/2 | 46 | 10 1/2 | 3 1/2 | 44 | " | " | " | " |
| | " 10 | 10 | 3 1/2 | 52 | 10 1/2 | 3 1/2 | 48 | 10 | 3 1/2 | 52 | 10 1/2 | 3 1/2 | 48 | " | " | " | " |
| | " 11 | 12 x 3 1/2 x 3 1/2 | 50 | 60 | 10 1/2 | 3 1/2 | 52 | 12 x 3 1/2 x 3 1/2 | 50 | 60 | 10 1/2 | 3 1/2 | 52 | " | " | 4 | " |
| | " 12 | 12 x 3 1/2 x 3 1/2 | 52 1/2 | 60 | | | | 12 x 3 1/2 x 3 1/2 | 52 1/2 | 60 | | | | " | " | " | " |
| | " 13 | 12 x 4 x 4 | 52 1/2 | 62 1/2 | | | | 12 x 4 x 4 | 52 1/2 | 62 1/2 | | | | " | " | 12 | " |
| | " 14 | | | | | | | | | | | | | | | | |
| | " 15 | | | | | | | | | | | | | | | | |
| | " 16 | | | | | | | | | | | | | | | | |
| Spacing of Longitudinal Frames | | 30 | | | 24 | | | 30 | | | 24 | | | | | | |
| Double Bottoms | | | | | 7 1/2 | | | | | | 7 1/2 | | | | | | |
| Tank Top Longitudinals | | | | | 7 1/2 | | | | | | 7 1/2 | | | | | | |
| Bottom | | | | | 7 1/2 | | | | | | 7 1/2 | | | | | | |
| Spacing of Longitudinals | | | | | 30 | | | | | | 30 | | | | | | |
| Transverses. | | | | | | | | | | | | | | | | | |
| In Bridge | | | | | 15 | | | | | | 15 | | | | | | |
| Depth and Thickness | | | | | 4 | | | | | | 4 | | | | | | |
| Face Angles | | | | | 3 1/2 | | | | | | 3 1/2 | | | | | | |
| Lugs to Shell | | | | | 3 1/2 | | | | | | 3 1/2 | | | | | | |
| In Awning, Shelter or Upper 'tween Decks. | | 22 x 36 | | | 18 | | | 22 x 36 | | | 18 | | | | | | |
| Depth and Thickness | | Flanged | | | 4 | | | Flanged | | | 4 | | | | | | |
| Face Angles | | 3 1/2 | | | 3 1/2 | | | 3 1/2 | | | 3 1/2 | | | | | | |
| Lugs to Shell | | 28 | | | 27 | | | 28 | | | 27 | | | | | | |
| Depth and Thickness | | 6 | | | 6 | | | 6 | | | 6 | | | | | | |
| Face Angles | | 6 | | | 6 | | | 6 | | | 6 | | | | | | |
| Lugs to Shell | | 6 | | | 6 | | | 6 | | | 6 | | | | | | |
| In Hold. | | 8'-8" | | | 8'-0" to 9'-4" | | | 8'-8" | | | 8'-0" to 9'-4" | | | | | | |
| Brackets | | | | | | | | | | | | | | | | | |
| Spacing of Transverse Frames | | | | | | | | | | | | | | | | | |
| * State if jogged or liners. | | | | | | | | | | | | | | | | | |
| Longitudinal Beams of L, L or E | | | | | | | | | | | | | | | | | |
| Bridge Deck | | | | | 5 1/2 | | | | | | 5 1/2 | | | | | | |
| Avg. or Shldr. Dk. | | 6 1/2 | | | 6 1/2 | | | 6 1/2 | | | 6 1/2 | | | | | | |
| Upper | | 7 | | | 7 | | | 7 | | | 7 | | | | | | |
| Second | | | | | | | | | | | | | | | | | |
| Third | | | | | | | | | | | | | | | | | |
| Spacing. | | | | | | | | | | | | | | | | | |
| In Ships. | | | | | | | | | | | | | | | | | |
| As approved. | | | | | | | | | | | | | | | | | |
| Plate. | | | | | | | | | | | | | | | | | |
| Angles. | | | | | | | | | | | | | | | | | |
| Plate. | | | | | | | | | | | | | | | | | |
| Angles. | | | | | | | | | | | | | | | | | |
| Plate. | | | | | | | | | | | | | | | | | |
| Angles. | | | | | | | | | | | | | | | | | |

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

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| EQUIPM | | | | | | | | | | | | | | | | | |
|------------------------|--------------------|-------------------|------|------|-----------------|------|------|------------------------|-------|------|------|------------------------------|------|------|------------------------|---------------|-------------------------------------------|
| 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. | | | |
| 26973 | 1st Bower | ✓ 61 | 0 | 0 | Stockless | | | 48 | 17 | ✓ 2 | 0 | 60 | 2 | 19 | Byers | W. Byers & Co | LPHS 9.1.22 L. Haffner |
| 26975 | 2nd " | ✓ 61 | 0 | 0 | do | | | 48 | 17 | ✓ 2 | 0 | 60 | 2 | 19 | " | " | " |
| 26976 | 3rd " | ✓ 60 | 2 | 0 | do. | | | 48 | 12 | ✓ 2 | 0 | 60 | 2 | 19 | " | " | " |
| | 4th " | ... | | | | | | | | | | | | | | | |
| | Collective weight. | ✓ 182 | 2 | 0 | ✓ | | | | | | | 182 | 0 | 0 | | | |
| 14304 | Stream | ✓ 18 | 1 | 14 | 4 | ✓ 3 | 0 | 19 | 8 | ✓ 0 | 0 | 17 | 2 | 0 | Rodger | Brown & Jones | LPHBC 12.10.21 Jones |
| 14306 | Kedge..... | ✓ 7 | 3 | 0 | ✓ 1 | ✓ 3 | 21 | 9 | 18 | ✓ 10 | 0 | 7 | 2 | 0 | " | " | " |
| | | | | | | | | | | | | | | | | | |

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 37. 1. 21 — T.P. — 4574 — 8.19/12/21
2nd " 36. 3. 0 — T.P. — 4573 — 8.19/12/21
3rd " 36. 3. 7 — T.P. — 4575 — 8.19/12/21
4th "

CHAIN CABLES.

| Number of Certificate. | Length and size supplied. | | Test per Certificate. | WEIGHT OF CHAIN CABLE. | | Length and Size per Table 31. | Description. | Makers of Cables. | Where and when tested, and Superintendent. |
|----------------------------|---------------------------|-------|-----------------------|------------------------|-----------------|-------------------------------|--------------|-------------------|--------------------------------------------|
| | Length. | Diam. | | Supplied. | Per Rule. | | | | |
| | Fathoms. | Ins. | Tons. | Cwts. qrs. lbs. | Cwts. qrs. lbs. | Fathoms. | Ins. | | |
| 24297 | 270 | 2 1/2 | 9 1/2 | 127 1/2 | 69 1/2 | 1.21 | 68 1/2 | 1.0 | 270 2 1/2 Stud line |
| Stream Chain or Steel Wire | 90 | 4 1/4 | 47 | | | | 90 | 4 1/4 | GSW |

HAWSERS AND WARPS.

| Material | Length and size supplied. | | Breaking Test of Steel Wire Towline. | Length and Size per Table 31. | |
|-----------------|---------------------------|-------|--------------------------------------|-------------------------------|------|
| | Length. | Cir. | | Length. | Cir. |
| TOWLINE | 120 | 5 | 73 | 120 | 5 |
| HAWSERS & WARPS | 40 | 90 | 2 1/4 | 15 1/2 | 20 |
| " | 20 | 25 | 5 | 73 | 20 |
| " | 120 | 4 1/2 | 39 | | |

Boats 5 boats

Steering Gear, Steam

Steering Gear, Hand

Pumps, Number One hand pump to flat over FP

Diameter of Barrel 4"

State whether they are in efficient working order Yes.

Windlass is Handfield's Steam & hand (vertical engine).

Capstan

Engine Room Skylights.—How constructed? Steel plates & angles

What arrangements for deadlights in bad weather? Bulbs.

Coal Bunker Openings.—How constructed? Steel coaming

How are lids secured? Steel 1/2" plate covers Height above deck? 30"

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 8 scuppers & 12 freeing ports each side.

Ceiling in Holds, thickness and material

Cargo Battens, thickness and material

Cargo Hatchways.—How formed? Coaming plates & angles

Hatches, If strong and efficient? Yes.

State size No. 1 Hatch (Forward) 4'0" x 8'0"

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

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

Oil tight hatchways 6'0" x 4'0" with hinged steel covers.

No. of Breasthooks 8 with decks No. of Crutches Deep floors.

Bulwarks, height above deck and description 42" steel bulwarks.

Main Rail, material and size 6" x 3 1/2" BA.

The foregoing is a correct description.

Surveyor's Signature

Builder's Signature (here only)

SWAN, HUNTER & WIGHAM RICHARDSON, LTD.

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. 29.9.22 — 6.10.22 — M. 30.10.22 — E. 22.4.21 — 15.9.21 — 1.8.22 — 3.10.22

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? Longitudinal framed 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.) This vessel has been built in accordance with the

approved plans forwarded with Nuv. Report 75699 on "SOLEN", the Secretariat letters of the

above dates, and in general conformity with the Rules for the class contemplated.

The freeboards assigned by the Committee have been marked on the vessel's side

and verified.

All the oil compartments, oil fuel tanks, cofferdams & summer tanks have been

tested to Rule requirements & made satisfactory.

The workmanship & materials are of good quality.

The scantlings of the vessel have been increased where necessary due to sheer at ends.

The vessel was placed in Messrs Swan Hunter & Wigham Richardson's dry dock and

bottom and rudder cleaned and examined and afterwards coated.

This vessel is similar to the same Builders N° 976 S.S. OLIVA Nuv. Rept. N° 6892

and the S.S. "SCALARIA", "SOLEN" & "SPIRILA", Nuv. First Entry Reports N° 44822, 45699 & 45885.

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

Plans to be forwarded with F.E. Report showing vessel as built.

Freeboard Fee £ 11 : 0 : 0

The amount of Entry Fee £ 9 : : : 14/10/22

Special Survey Fee.... £ 513 : 9 : 9

Travelling Expenses, if any £ : : : 5-10-1922

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed +100A1 Carrying Petroleum in Bulk

With, or without Freeboard, as condition of Class Without Freeboard.

Committee's Minute

Character assigned

FRI. 6 OCT. 1922

+100A1

Carry pet. in bulk.
Fitted for oil fuel 9.22 21. above 150°F.

Lloyd's A+C.P. + Lmb 9.22

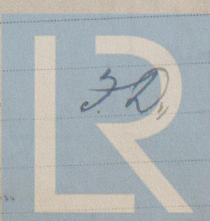
Certificate to be sent to

Newcastle

Date of issue 9.10.22.

Surveyor to Lloyd's Register of Shipping.

The Surveyors are requested not to write on or below the Committee's Minute.



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Lloyd's Register Foundation

W600 0154 313

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten text in the upper section of the form, likely bleed-through from the reverse side.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 109 ft., R.Q.D. ✓ ft., Bridge 26 ft., Forecastle 45 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. Poop & Bridge are separate erections.

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 also (5th). ✓

Official No. 146636; Signal Letters ✓. State if Machinery is fitted aft Yes.
How are the surfaces preserved from oxidation? Inside part cement paint 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, | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | |
| Double bottom, if under Engines only, | <u>37.6</u> | <u>112</u> ✓ | Deep tank, aft, | | <u>81</u> |
| Double bottom, if under Boilers only, | <u>40.0</u> | <u>105</u> ✓ | Deep tank, forward, | <u>32.0</u> | <u>316</u> ✓ |
| Double bottom, forward, | | | Other tanks, if fitted, | | |
| | Total capacity of double bottom | <u>217</u> | (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. 4969
Date 15.9.21
No. 1181 in builder's yard.
DATES of Surveys held while building
1921 Aug. 8. 16. 24. 30. 31. Sep. 6. 15. 28. Oct. 6. 11. 17. 18. 19. 21. 24. 31. Nov. 2. 7. 9. 24. 25. 29. Dec. 1. 5. 22. 29. Jan. 5. 10. 12. 13. 27. 30. Feb. 21. Mar. 3. 10. 15. 17. 23. 24. 27. 30. Apr. 3. 4. 12. 19. 24. 27. 28. May 3. 8. 9. 26. 29. 30. 31. June 2. 3. 7. 8. 10. 12. 14. July 5. 12. 13. 14. 17. 18. 20. 29. Aug. 8. 9. Sep. 6. 12. 13. 14. 15. 18. 21. 25.
1922 Jan. 5. 10. 12. 13. 27. 30. Feb. 21. Mar. 3. 10. 15. 17. 23. 24. 27. 30. Apr. 3. 4. 12. 19. 24. 27. 28. May 3. 8. 9. 26. 29. 30. 31. June 2. 3. 7. 8. 10. 12. 14. July 5. 12. 13. 14. 17. 18. 20. 29. Aug. 8. 9. Sep. 6. 12. 13. 14. 15. 18. 21. 25.

Surveyor's Signature

[Handwritten signature: M. S. ...]
Total No. of Visits 84
Lloyd's Register Foundation