

With ~~or Without~~  
Disconnected Erections.

STEEL STEAMER.

Received at London Office WFO. 7 MAY. 1924

Date of completion of report 5<sup>th</sup> May 1924 Port of NEWCASTLE-ON-TYNE No. 77825  
Survey held at Newcastle-on-Tyne Date, First Survey 3<sup>rd</sup> October 1922 Last Survey 1<sup>st</sup> May 1924

On the (State if Single, Twin, or Triple Screw) single screw steamer "TILAWA" Rig Schooner

TONNAGE under 6061.65 CLASS 100A1 with freeboard FEET. Master

Tonnage Deck... Do. between Tonnage Dk. and 3rd and 4th Dk. Do. of TWEEN DECK 1998.08 Do. of H.Q. DECK ERECTIONS 1946.15

Do. of Bridge House Do. of Forecastle Do. of Houses on Deck Do. of excess of Hatchways Do. above Crown of Engine Room

Gross Tonnage 10005.88 Less Crew Space Less above Crown of Engine Room TONNAGE FOR FEES..

Less Engine Room Less Navigation Spaces 3852.64

Register Tonnage 6153.24 Destined Voyage India If Surveyed while Building, Afloat, & in Dry Dock Yes

LENGTH on Deck as per Rule 449 3 BREADTH Moulded 59 3 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 36 10 No. of Decks with flat laid 3

Do. Do. Do. Do. Second Dk. Beams 28 4 No. of Tiers of Beams -

Moulded depth, ft. 47 ins. 9 To Bridge Dk. Round of Upper Dk. Beam, Actual 6 ins.

Moulded depth, ft. 40 ins. 0 To Upper Dk.

Dimensions of Ship per Register. Length 451.0 breadth 59.3 depth 28.3

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

FRAME, Angle, Bulb, or Flat Bars amidships 11 3 50 11 3 50

Do. of Double Bottoms at Solid Floors 3 3 48 3 3 48

Do. at intermdt. Bkts 8 3 50 8 3 50

Frames from centre to centre amidships 27 27

Do. length to Collision bulkhead 27 27

Do. in peaks 24 24

FRAME, Angles. Bulb angle frames

Do. of Double Bottoms at Solid Floors 3 3 48 3 3 48

Do. at intermdt. Bkts 8 3 50 8 3 50

Do. depth of girder 11 11

Do. depth and thickness of Floor Plate at mid-line for 1/2 length amidships 42 and 54 42 and 54

Do. of Engine and Boiler Spaces 42 42

Do. thickness at the ends of vessel 42 42

Do. at 1/2 the half breadth, as per Rule 42 42

Do. light extended at the Bilges 42 42

Do. in Cell. Double Bottoms 42 42

Do. state if flanged (top & bottom) no

Do. Spacing of Solid floors on every 3<sup>rd</sup> frame

GIRDER, in Dbl. bottom, dpth. & thknss. 44 62 44 62

Do. Angles, Top Single 6 6 64 6 6 64

Do. Bottom Double 5 5 66 5 5 66

Do. to Floors Single 3 3 48 3 3 48

Do. Brackets at intermdt. frmg., wdth & thknss 34 42 34 42

RDERS, number on each side & thickness Two 42 Two 42

Do. state if flanged (top and bottom) no

Do. Angles (top and bottom) 3 3 48 3 3 48

Do. to Floors 3 3 42 3 3 42

Do. PLATE, depth (exclusive of flange) and thickness 58 54 54

Do. Angle to Outside Plating 3 3 56 3 3 56

Do. FRAME BULB Single 6 6 54 6 6 54

Do. Brackets at intermdt. frmg., wdth & thknss 48 42 48 42

Do. Height of Outside Brackets above at bilge 42 42

Do. BOTTOM PLATING, breadth and thickness of Middle Line Strake 56 56 56 56

Do. in Engine and Boiler space 56 and 62 56 and 62

Do. Remainder in Holds 46 46

Do. Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 3 42 8 3 42

Do. In way of Long Bridge 8 3 42 8 3 42

Do. Spacing on every frame

Do. Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 3 50 9 3 50

Do. Spacing on every frame

Do. Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 3 50 9 3 50

Do. Bulb Angle, Plate, Tee Bulb, or Channel 9 3 50 9 3 50

Do. Angles on upper edge 9 3 50 9 3 50

Do. Spacing on every frame

Do. Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 3 42 8 3 42

Do. Angles on upper edge 8 3 42 8 3 42

Do. Spacing on every frame

Do. Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 8 3 42 8 3 42

Do. Angles on upper edge 8 3 42 8 3 42

Do. Spacing on every frame

Do. Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 11 3 54 11 3 54

Do. Angles on upper edge 11 3 54 11 3 54

Do. Spacing on every frame

Do. on alternate frames

Do. 1m. 9.20. T.

Do. 2222-0015 (112)

Do. Lloyd's Register Foundation

[illegible]

EQUIPMENT No. 48370				LETTER <i>d+</i>				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	
57504	1st Bower	82	2	21	-	-	-	60	0	0	0	81	1	0	Hall's stockless
57489	2nd "	81	3	12	-	-	-	59	10	0	0	81	1	0	"
57457	3rd "	69	2	0	-	-	-	53	10	0	0	69	2	0	"
	4th "														
	Collective weight.	234	0	5								232	0	0	
14770	Stream	24	0	21	6	0	7	24	0	0	0	23	2	0	Rodger's
	Kedge.....														

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

1st Bower 53 cwt 5 qrs 7 lbs. W.M. A.3562 13/3/23.  
2nd " 52 " 3 " 8 " W.M. A.3565 "do"  
3rd " 41 " 1 " 21 " L.R. 2285 14/9/20.  
4th "

#### CHAIN CABLES.

#### HAWSERS AND WARPS.

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.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 31.	
	Length.	Diam.	Stations.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.
26172	300	2½	112½	157½	954-2-7	940-0-0	300	2½	Sturtevant	Hendrick & Macdonald C. 9/4/23 A. Jones	TOWLINE	2-130	6	114	130	6
											HAWSERS & WARPS	4-100	8	Manilla	100	8
	120	5½		80			120	5½				120	5½	80		

Boats 1 Motor lifeboat, 13 lifeboats, 5 semi-collapsible lifeboats Steering Gear, Steam *Electric* Steering Gear, Hand Winches to which  
Pumps, Number 1 one to fore peak (fresh water) Diameter of Barrel 3" State whether they are in efficient working order *Yes*  
Windlass is *Clarke Chapman 16"* Capstan *—*

Engine Room Skylights.—How constructed? *Steel plates & angles* What arrangements for deadlights in bad weather? *Steel flaps & bullseyes.*

Coal Bunker Openings.—How constructed? *Steel plates & angles* How are lids secured? *Cleats & battens* Height above deck? *on boat deck*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 scuppers & 4 freeing ports for 3-11½ x 1-9½ and 4 aft 3-9½ x 1-9½ on side*

Ceiling in Holds, thickness and material *nil* Cargo Batten, thickness and material *6-2 w.w. fitted vertically*

Cargo Hatchways.—How formed? *steel plates & angles* Hatches, If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *15-9 x 16-0* No. 2 Hatch *25-2½ x 18-0* No. 3 Hatch *13-9 x 13-0* No. 4 Hatch *16-0½ x 18-0*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *2 web plates at No. 1, 3, 4 and 5 hatchways and 16-0½ x 18-0*

*4 at No. 2 hatchway — no fore afters* No. of Breasthooks *3 and decks* No. of Crutches *deep floors*

Bulwarks, height above deck and description *4-0" x 26" steel plate* Main Rail, material and size *6½ x 3 x 40 bull angle.*

The foregoing is a correct description of the vessel. *W. HAWTHORN LEIC & CO. LIMITED* Surveyor's Signature *J. Macdonald*

Builder's Signature (here only) *J. Macdonald* Director 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 14/7/22, 20/7, 25/7, 11/8, 18/8, 22/8, 4/9, 6-20 and 29/9, 30/10, 13/11, 7/12/22, 22/6/23, 24/7, 17/8/23. E 20/9, 27/9, 2/10, 3/10, 12/10, 9/11/22.*

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed & overlapped.*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Joggled 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? *Very few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? *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 constructed in accordance with the*

*approved plans, the Secretary's Letters as mentioned above and in other respects in*

*compliance with the Requirements of the Rules. The materials & workmanship are*

*good. The bulkheads & tunnel have been tested and found to be satisfactory.*

*The head of the 3<sup>rd</sup> bower anchor is slightly lighter than Rule Requirements but*

*the total weight of the anchor being in accordance with the approved midship*

*section and the 3 bower anchors being heavier than required, it is submitted*

*in the circumstances for the Committee's approval.*

*The Owners' sanction to the construction of this vessel under the Requirements*

*of the Society's Revised Rules was obtained on the 7/9/22.*

*The plans (21 in number) are forwarded herewith.*

*Sister vessel S. S. "Galma" Rye. Rpt No. 77045.*

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 £15.*

The amount of Entry Fee ..... £ *12 : 0 : 0* 3/5/24 *Hall & Archy* Certificate to be sent to **NEWCASTLE-ON-TYNE** Date of issue *15/5/24.*

Special Survey Fee.... £ *450 : 1 : 6* Received by me, *[Signature]*

Travelling Expenses, if any £ : : *[Signature]*

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

I am of opinion this Vessel should be Classed *100A1 with freeboard* Lloyd's A & C.P.

With, or without Freeboard, as condition of Class *With freeboard.*

Committee's Minute *20 MAY 19 1924*

Character assigned *100A1*

*with freeboard*

*Lloyd's A & C.P.*

*[Signature]*

*+ L.M.B. 5-24*

*F.D. C.L.*

The Surveyor is requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.25 ft., R.Q.D. \_\_\_\_\_ ft., Bridge 213.17 ft., Forecastle 42.5 ft. (in feet and tenths). ~~When~~ <sup>not</sup> 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 should appear in the Register Book) 3 DKS (Stl) U.D's teak sheathed.

Official No. 147894; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft no  
How are the surfaces preserved from oxidation? Inside Paint & cement in boiler room tank Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system yes or with girders on floors \_\_\_\_\_

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>105.41</u>	<u>298</u>	Fore peak tank,	<u>23.66</u>	<u>155</u>
Double bottom, under Engines and Boilers,	<u>123.74</u>	<u>622</u>	After peak tank,	<u>16.0</u>	<u>48</u>
Double bottom, if under Engines only,			Deep tank, aft,	<u>50.41</u>	<u>72</u>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>163.84</u>	<u>616</u>	Other tanks, if fitted, <u>Tanks at side of funnel</u>	<u>6.87</u>	<u>8</u>
	Total capacity of double bottom	<u>1536</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 39299

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 4993 1922 1923  
Date 26/9/22 Oct. 3. 11. 17. 19. 24. 27. Nov. 13. 16. 20. 29. Dec. 1. 6. 11. 18. 22. 28. Jan. 5. 12. 19. 26. 31. Feb. 5. 9. 12. 20. 26. Mar. 1. 6. 13. 29. Apr. 9. 20. 25. May 31. June 18. July 10. 23. Aug. 9. 14. Sep. 13. Oct. 2. 8. 12. 16. 23. 29. Nov. 1. 2. 7. 12. 21. 28. Dec. 7. 12. 14. 19. 20. 28. 1924 Jan. 3. 8. 9. 10. 14. 16. 22. 25. 28. 30. 31. Feb. 4. 6. 8. 18. 20. Mar. 3. 25. 28. 31. Apr. 3. 14. 17. 23. May 1.  
No. 530 in builder's yard. May 1.

Surveyor's Signature

J. Macdonald  
Lloyd's Register Foundation