

~~Awning or~~ Shelter Deck,
~~or Pl. Awning Deck.~~

N. N. AHERN TENDER
STEEL STEAMER.

REC'D NOV. 22 1922
No. 42310

State of Report is also sent on the Machinery of the Vessel *Yes*
Port of *Glasgow* Date of completion of Report *17th November 1922* Received at London Office
Survey held at *Glasgow* Date, First Survey *25th October 1920* Last Survey *11th Nov. 1922*
On the (State if Single, Twin, or Triple Screw) *S. S. "LURCHER"* Rig *Schooner*

TONNAGE under
Tonnage Deck... *616.02*

CLASS **100 A.1. Shelter with Deck 3rd hand.* Master *✓*

Do. between Tonnage Dk. and

Total under Upper Dk. *87.05*

Do. of Poop *7.57*

Do. of Bridge House *10.72*

Do. of Forecastle *5.10*

Do. of Houses on Deck *47.59*

Do. of excess of Hatchways *474.05*

Do. above Crown of Engine Room *62.61*

Gross Tonnage *774.05*

Less Crew Space *342.75*

Less above Crown of Engine Room *34.92*

TONNAGE FOR FEES... *332.77*

Less Engine Room

Less Navigation Spaces

Breadth (greatest moulded) *31.0*

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *22.3*

Deduct height of 'tween deck when this does not exceed 8ft. *7.5*

Transverse Number *45.8*

Length on deck from fore part of stem to after part of sternpost *200.0*

Longitudinal Number *9160*

Depth "d" at middle of length. See Secs. 2 & 13... *12.4*

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *8.95*

" " " Upper Deck at side to top of keel *13.50*

Year of Appointment

Built at *Glasgow*

When built *1922*

Launched *20th Sept 1922*

By whom built *A. J. Inglis Ltd*

Owners *Burns & Laird Lines Ltd.*

Managers *do*

Residence *Glasgow*

Port belonging to *Glasgow*

(1) As Master in service of owner of present vessel: 191
(2) As Master of this vessel: 191

Register Tonnage

cut on Beam...

Destined Voyage *Coasting*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule *200* Ft. *0* Ins. BREADTH Moulded *31* Ft. *0* Ins. DEPTH, ACTUAL—Top of Floors to top of Awning or Shelter Dk. Beams *22* Ft. *2* Ins. No. of Decks with flat laid *2*
Do. Upper Deck Beams *12* Ft. *8* Ins. No. of Tiers of Beams *2*

Dimensions of Ship per Register,

Length *200.55* Breadth *31.1* depth. *12.35* Upper Deck. Moulded depth, ft. *14* ins. *10* To Upper Dk. Round up of Uppermost Dk. Beam, Actual *6* ins.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars, amidships	5	3	36	5	3	36	PILLARS, in 'tween Deck, size and spacing	Two rows of widely spaced pillars & deck girders			
Do. in peaks	5	3	36	5	3	36	" " Hold	4" solid	4" solid	4" solid	4" solid
Do. in way of Double Bottoms at Solid Floors	3	3	30	3	3	30	" Quarter, 'tween Dks., "	5 3/4	5 3/4	5 3/4	5 3/4
							" in Hold				
acing of Frames from centre to centre amidships							KEELSONS AND STRINGERS.				
" length to collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above	25 x 38	25 x 38	25 x 38	25 x 38
" of Frames from centre to centre in peaks							Through Plate, or Intercoastal Plate	36 x 40	36 x 40	36 x 40	36 x 40
VERSED FRAME, Angles							" Rider Plate				
Do. in way of Double bottoms at Solid Floors	3	3	30	3	3	30	" Flat Keel Plate Angles	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2
							" Horizontal Plates on Floors	12 x 38	12 x 38	12 x 38	12 x 38
							" Angles or Bulb Angles	4 x 3	4 x 3	4 x 3	4 x 3
AMING, depth of girder	5			5			SIDE KEELSONS, Number	Two	Two	Two	Two
DOORS, depth and thickness of Floor Plate at mid-line for length amidships	17	x	44	17	x	44	" Angles	4 x 3	4 x 3	4 x 3	4 x 3
" in way of Engine and Boiler spaces							" Plate above floors, for length				
" thickness at the ends of vessel							" Intercoastal Plate, for whole length	3 x 3	3 x 3	3 x 3	3 x 3
" depth at 1/2 the half-bdth. as per Rule	9			9			" Attached to outside plating with Angle				
" height extended at the Bilges	34			34			SHOULDER KEELSON, Angles				
DOORS, in Cell Double Bottoms							" Intercoastal Plate, for length				
" state if flanged (top and bottom)	No			No			" Attached to outside plating with Angle				
" spacing of Solid	22 1/2			22 1/2			SIDE STRINGERS, Number	One	One	One	One
TRE GIRDER, in Dbl. bottom, dpth. & thicknss	32	x	40	32	x	40	" Angle	4 x 3	4 x 3	4 x 3	4 x 3
" Angles, Top	3	3	38	3	3	38	" Intercoastal Plate, for whole lng.	3 x 3	3 x 3	3 x 3	3 x 3
" Bottom	3 1/2	3 1/2	34	3 1/2	3 1/2	34	" Attached to outside plating with Angle	3 x 3	3 x 3	3 x 3	3 x 3
" to Floors	3	3	30	3	3	30	Shelter or Shelter Deck Stringer Plates, breadth and thickness	53 x 40	40 x 40	40 x 40	40 x 40
Brackets at intermdt. frmg. width & thk.							" Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2	3 1/2 x 3 1/2
E GIRDERS, number and thickness	One		30	One		30	" Tie Plates, outside Hatchways	26 x 30	26 x 30	26 x 30	26 x 30
" state if flanged (top & bottom)	Yes			Yes			" Deck, * Material and thickness	30	30	30	30
Angles	3	3	30	3	3	30	Upper Deck Stringer Plate, breadth and thickness	40 x 34	40 x 34	40 x 34	40 x 34
GIN PLATE, depth (exclusive of flange) and thickness	22	x	34	21	x	34	" Angles on ditto, No.	3 x 3	3 x 3	3 x 3	3 x 3
Angles to outside plating	3 1/2	3 1/2	34	3 1/2	3 1/2	34	" Tie Plates, outside Hatchways	28 x 30	28 x 30	28 x 30	28 x 30
" to floors	3	3	30	3	3	30	" Deck, * Steel, for whole lng.	30	30	30	30
Brackets at intermdt. frmg. width & thk.							Wood Deck, Material & thickness				
Height of Brackets above at bilge	8			8			Second Deck Stringer Plates, br'dth & thickn's				
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	32	x	38	32	x	38	" Angles on ditto, No.				
" thickness in Engine and Boiler space							" Tie Plates, outside Hatchways				
" Remainder in Holds	30			30			" Deck, * Material and thickness				
IS, Awning or Shlir Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	5	3	34	5	3	34	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
Spacing	22 1/2			22 1/2			" Angles on ditto, No.				
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	5	3	34	5	3	34	" Tie Plates, outside Hatchways				
Spacing (See deck plan)	22 1/2			22 1/2			" Deck, Material and thickness				
IS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							Poop Deck Stringer Plate, breadth & thickness				
Angles on upper edge							" Angles on ditto				
Spacing							" Tie Plates				
IS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Deck, Material and thickness				
Angles on upper edge							Bridge Deck Stringer Plate, br'dth & thickness				
Spacing							" Angle on ditto				
IS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Tie Plates				
Angles on upper edge							" Deck, Material and thickness				
Spacing							Forecastle Deck Stringer Plate, br'dth & th'kns				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angle on ditto				
Angles on upper edge							" Tie Plates				
Spacing							" Deck, Material and thickness				

[illegible]

x Anchor heads, forged open hearth ingot steel																															
EQUIPMENT No. 10285 LETTER C ANCHORS.																															
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQ. BY TABLE 31.			Description of Anchor.		Makers.		Where and when tested and Superintendent.											
				Cwts. qrs. lbs.			Cwts. qrs. lbs.			Tons. cwt. qrs. lbs.			Cwts. qrs. lbs.																		
5708H		1st Bower		20 3 7			Shackless			21 8 0			14 20 1 0			Taylor's Deadweight		Taylor & Sons		Lipton, 7.9.22, Mysdale											
5701S		2nd "		20 3 7			do			21 8 0			14 20 1 0			do		do		do 24.7.22 do											
57018		3rd "		20 2 14			do			21 5 3			21 20 1 0			do		do		do 25.7.22 do											
		Collective weight		62 1 0									60 3 0																		
5705H		Stream ...		5 3 14			1 2 0			8 2 3			7 5 3 0			Ordinary		Taylor & Sons		Lipton, 24.8.22, Mysdale											
5705S		Kedge		2 3 3			0 3 4			5 5 0			0 2 3 0			do		do		do do											
CHAIN CABLES.																HAWSERS AND WARPS.															
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Potholes 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.		Potholes and size per Table 31.							
		Length. Diam.		Stat. Break- ing. Tons.		Supplied. Per Rule.				Length. Diam.										Length. Cir.		Tons.		Length. Cir.							
		Fathoms. Ins.		Tons.		Cwts. qrs. lbs. Cwts. qrs. lbs.				Fathoms. Ins.										Fathoms. Ins.		Tons.		Fathoms. Ins.							
57312		218 1 3/8		34		51 208.1.19 203.0.18				210 1 3/8		Steel Link		Taylor & Sons		Lipton, 23/1/22		Drysedale		TOWLINE		4-90 2 1/2		13-5 2							
																				HAWSESWARPS		4-90 2 1/2		13-5 2							
																						Manila		90 6							
																						do		90 5							
Iron (Stream) Chain or Steel Wire...		Cir.										Cir.		Steel wire R. S. Newall Ltd.																	
Boats		2 Lifeboats														Steering Gear, Steam Mastie & Co.															
Pumps, Number		One No fore peak														Steering Gear, Hand Efficient															
Windlass is by		Clarke, Chapman & Co. Ltd.														Capstan															
Engine Room Skylights.—How constructed?		Shel plates														What arrangements for deadlights in bad weather? Folding flaps															
Coal Bunker Openings.—How constructed?		Plates & angles														How are lids secured? Bolted & chained Height above deck? 24"															
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.		4 Scuppers each side, 4 freeing ports ea side 30x18"														Cargo Hatchways, thickness and material 2 1/2 pine close coiled															
Ceiling in Holds, thickness and material		2 1/2 pine														Hatches, If strong and efficient? Yes															
State size No. 1 Hatch (Forward)		35-7 1/2 x 14-0"														No. 2 Hatch 37-6 x 16-0"															
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch		6 webs in N° 1 hatch, 7 webs in N° 2 hatch														No. 3 Hatch															
		No fore and afters.														No. 4 Hatch															
Bulwarks, height above deck and description		39" Shel plates														Main Rail and Stays, material and size Rail 6 x 3 x 32 O.A.															
The foregoing is a correct description.		& J. INGLIS, LIMITED.														Surveyor's Signature George Nicol															
Builder's Signature (here only)		James D. Inglis														Director 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)																															
See Secretary's letters of various dates																															
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? 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 facing 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 letters of various dates, and generally in conformity with the Rules for the class contemplated																															
The cross bunker bulkheads have been constructed so that the bunker may be readily adapted for oil fuel, but none of the remaining regulations of Section 49 of the Rules have been complied with																															
12 approved plans and plan of midship section of vessel as built, also 2 forging and 3 steel casting reports are forwarded herewith																															
Vessel is a sister ship to the S. L. "Ayrshire Coast," the same builders N° 6079. See report N° 42216																															
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.																															
The amount of Entry Fee £ 4 : 0 : 0 Fees applied for, 17.11.1922																															
Special Survey Fee..... £ 77 : 8 : 0 Received by me.																															
Travelling Expenses, if any £ 4 : 0 : 0																															
State whether the Vessel has been built under Special Survey Yes																															
I am of opinion this Vessel should be Classed *100 A.I. Shelter Deck																															
With, or without Freeboard, as condition of Class With																															
Committee's Minute GLASGOW 21 NOV 1922																															
Character assigned - 100 A.I. Shelter Deck with fbd																															
11.22																															
Lloyd's Assoc																															
+LMC 11.22																															

GENERAL REMARKS—(continued).

Rpt. 4.

WEB-FRAM

WEB-FRAM

WEB-FRAM

Size

BRACKET

BULKHI

W.T.BULK

COLLIS
PARTITIO
LONGITUD

Are the out
Are the Slu

STE

FLAT PLAT
(U Bar Keel
GARBOARD

State actual
thickness of
way of Dou
Bottom.

Shel
At the

PARTICULARS FOR RECORD in the REGISTER BOOK.

(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)

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside

State if Machinery is fitted aft

Outside

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.	1	1	Fore peak tank,	13.30	34
Double bottom, under Engines and Boilers,	20.6	12.0	After peak tank,	11.25	19.
Double bottom, if under Engines only,	125.6	189.0	Deep tank, aft.		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		201.0	(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.

Order for Special Survey No. 5478

Date 22-1-1921

No. 657 P. in builder's yard.

DATES OF SURVEYS
held while building

1920 Oct 25 Dec 24 27 1921 Jan 13 17 28 Mar 2 4 8 9 14 15 18 20 31 April 6 11 12 15 18 20 25 26 29 May 17 24 Jun 1 9 15 20 27
July 1 Aug 4 11 22 23 31 Sep 8 12 25 Oct 12 Nov 7 21 Dec 6 15 23 1922 Jan 10 18 25 Feb 1 23 May 6 31 Jun 1 8 12 15 18 20 27 29 Aug 1 2 4 11 21 25 30 31 Sep 5 11 18 19 Oct 6 16 23 27 31 Nov 7 11

Surveyor's Signature

George Nicol

Total No. of Visits 83

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Foundation