

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office. **MUN 13 MAY 1918**

Date of completion of report **9 May 1918**

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

Survey held at **Grangemut**

Port of **Leith.**

No. **15348.**

1918.

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

Date, First Survey **6.10.16**

Last Survey **4.5.**

Rig **Schröner**

Master **Hugh Jones**

Year of appointment

(1) As Master in service of owner of present vessel—1909
(2) As Master of this vessel—1918

TONNAGE under Tonnage Deck...

Do. between Tonnage Dk. and 3rd and 4th Dk.	1492.31
Total under Upper Dk.	47.42
Do. of Poop	136.26
Do. of R.Q.Dk.	44.97
Do. of Forecastle	68.09
Do. of Houses on Dk.	44.91
Do. of excess of Hatchways	2133.96
Do. above Crown of Engine Room	75.23
Gross Tonnage	2058.73
Less Crew Space	682.87
Less above Crown of Engine Room	179.65
Less Navigation Spaces	1310.09

CLASS **T100A1**

FEET.

Breadth (greatest moulded)	41-66
Depth, at middle of length from top of keel to top of upper deck beams at side	20-79
Transverse Number	62-45
Length on deck from fore part of stem to after part of stern post	280-0
Longitudinal Number	174-86
Depth "d," at middle of length (See Secs. 2 & 13)	17-96
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	13-46
" " Long Bridge Deck Beam at side to top of keel	10-07

Built at **Grangemut**

When built **1918** Launched **30 October 1917**

By whom built **The Grangemut Grangemut & Co Ltd**

Owners **The Edinburgh Line Steamers Ltd**

Managers **J. J. Denholm**
(Where necessary to be entered in Reg. Book.)

Residence **Grunrock**

Port belonging to **Grunrock**

Register Tonnage as cut on Beam

Destined Voyage **Lith to load coal** If Surveyed while Building, Afloat, or in Dry Dock **Afloat**

LENGTH on Deck as per Rule	FEET.	INCHES.	BREADTH Moulded	FEET.	INCHES.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	FEET.	INCHES.	No. of Decks with flat laid	No. of Tiers of Beams
280	0		41	8		19	0		One	One

Dimensions of Ship per Register, Length **280.0** breadth **41.95** depth **18.9** Moulded depth, ft. **20** ins. **9 1/2** To Bridge Dk. Round of Upper Dk. Beam, Actual **14 1/2** ins.

FRAMING.				PILLARS.			
FRAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	8 1/2	3	56	" " Hold	5 1/2	4 1/2	60 1/2
Do. in way of Double Bottoms at Solid Floors	6	3	36	" " Quarter 'tween Dks.	5 1/2	4 1/2	60 1/2
" " at intermdt. Bkts.	3	3	34	" " in Hold	5 1/2	4 1/2	60 1/2
Spacing of Frames from centre to centre amidships	30		30	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	24	21	24	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " in peaks	23 1/2		23 1/2	" " Rider Plate			
REVERSED FRAME, Angles	3	3	34	" " Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	3	3	34	" " Horizontal Plates on Floors			
" " at intermdt. Bkts.	3	3	34	" " Angles or Bulb Angles			
FRAMING, depth of girder				SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				" " Angles or Bulb Angles			
" " in way of Engine and Boiler Spaces				" " Plate above floors, for length			
" " thickness at the ends of vessel				" " Intercoastal Plate, for length			
" " depth at 1/2 the half breadth, as per Rule				" " Attached to outside Plating with Angle			
" " height extended at the Bilges				BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms				" " Intercoastal Plate for length			
" " state if flanged (top & bottom)				" " Attached to outside Plating with Angle			
" " Spacing of Solid floors				SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness				" " Angle			
" " Angles, Top (depth in 1/2 length)				" " Intercoastal Plate, for length			
" " Bottom				" " Attached to outside plating with Angle			
" " to Floors				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	56	28
Brackets at intermdt. frmg., wdth & thkns				" " br'dth & thickness (in way of Bridge)	50	56	28
SIDE GIRDERS, number on each side & thickness				" " Angle (clear of Bridge)	48	40	32
" " state if flanged (top and bottom)				" " Tie Plate at sides of Hatchways	48	40	32
" " Angles (top and bottom)				Deck * Iron or Steel, for full lng.	48	40	32
" " to Floors				" " Thickness (clear of Bridge)	48	40	32
MARGIN PLATE, depth (exclusive of flange) and thickness				" " (in way of Bridge)	48	40	32
" " Angles to Outside Plating				Wood Deck. Material & thickness			
" " Floors				Second Deck Stringer Plate, br'dth & thickness			
Brackets at intermdt. frmg., wdth & thkns				" " Angles on ditto, No.			
Height of Outside Brackets above at bilge				" " Tie Plates outside Hatchways			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				Deck * Iron or Steel, for lng.			
" " in Engine and Boiler space				Wood Deck. Material & thickness			
" " Remainder in Holds				Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Angles on ditto, No.			
" " In way of Long Bridge				" " Tie Plates, outside Hatchways			
" " Spacing				Deck * Material and thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" " Spacing				" " Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Tie Plates outside Hatchways			
" " Angles on upper edge				" " Deck. Material & thickness			
" " Spacing				Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Angle on ditto			
" " Angles on upper edge				" " Tie Plates			
" " Spacing				" " Deck. Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Bridge Deck Stringer Plate, br'dth & thickness			
" " Angles on upper edge				" " Angle on ditto			
" " Spacing				" " Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Deck. Material and thickness			
" " Angles on upper edge				Forecastle Deck Stringer Plate, br'dth & th'kns			
" " Spacing				" " Angle on ditto			
				" " Tie Plates			
				" " Deck. Material and thickness			

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.25 ft., R.Q.D. 1 ft., Bridge 67.5 ft., Forecastle 29.2 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *✓ not joined*

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) *One steel deck + one tier of beams.*

Official No. 142256; Signal Letters

State if Machinery is fitted aft *Amidships*

Outside *paint*

How are the surfaces preserved from oxidation? Inside *paint + cement*

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

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	70.0	139	Fore peak tank,	14.6	55
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	13.9	46
Double bottom, if under Engines only,	27.6	77	Deep tank, aft,		
Double bottom, if under Boilers only, <i>dry tank</i>	124.3	307	Deep tank, forward,		
Double bottom, forward, <i>+ 5.0 m Boiler room</i>	124.3	307	Other tanks, if fitted,		
	Total capacity of double bottom	523	(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. 1003

Date 16th March 1915

No. 341 in builder's yard.

Dates of Surveys held while building

1916. Oct. 6, Nov. 1, 13, 15, 21, 24, 29. Dec. 4, 8, 10, 18, 20, 28. 1917. Jan. 8, 10, 12, 15, 17, 19, 22, 24, 26, 29, 31. Feb. 2, 5, 7, 9, 12, 14, 16, 18, 21, 23, 25, 27, 29. Mar. 2, 5, 7, 12, 14, 19, 21, 24, 28. Apr. 2, 4, 9, 16, 18, 23, 25, 30. May 8, 10, 14, 17, 23, 25, 29. June 1, 4, 6, 11, 22, 25, 27. July 2, 9, 11, 25, 31. Aug. 6, 8, 13, 20, 22, 24. Sept. 3, 11, 24. Oct. 1, 3, 8, 12, 15, 22, 26, 29, 30. Nov. 5, 8, 12, 14, 19, 22, 25, 27, 30. Dec. 3, 5, 12, 17, 24. 1918. Jan. 7, 14, 21, 25, 30. Feb. 4, 8, 13, 18, 20, 25. Mar. 1, 6, 8, 12, 16, 19, 25, 28. Apr. 3, 8, 14, 24, 29. May 4, 11, 18, 25, 31. June 1, 8, 15, 22, 29. July 6, 13, 20, 27, 31. Aug. 3, 10, 17, 24, 31. Sept. 7, 14, 21, 28, 30. Oct. 5, 12, 19, 26, 31. Nov. 2, 9, 16, 23, 30. Dec. 7, 14, 21, 28, 31.

Total No. of Visits 125

Surveyor's Signature

Lloyd's Register Foundation