

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

Date of completion of report 11th April 1918
Survey held at Sunderland

State if Report is also sent on the Machinery of the Vessel Yes

Port of Sunderland
Date, First Survey 16 April 17 Last Survey 4 April 1918

No. 27209

4 April 1918

S.S. "LESTO"

Rig One signalling mast

the (State of Single, Twin or Triple Screw)

Tonnage under 1498.17

CLASS 100 A.1.

FEET.

Master J. JOHNSTON.

Year of appointment (1) As Master in service of owner of present vessel—1917 (2) As Master of this vessel—1918

Built at Sunderland

When built 1918 Launched 14th March 1918

By whom built J. Crown and Sons Ltd

Owners The Pelton Steamship Co Ltd

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

Residence

Port belonging to Newcastle.

of Poop 51.33
of R.Q.Dk. BREAK 104.93
of Bridge House 77.48
of Forecastle 38.06
of Houses on Dk. 10.05
of excess of Hatchways 96.78
above Crown of CHART HOUSE 7.60
Engine Room 1893.40
Loss Tonnage 88.87
Crew Space 1804.53
ENGINE FOR FEES.. 605.89
Engine Room 41.17
Navigation Spaces 1043.16

Breadth (greatest moulded) 37.66
Depth, at middle of length from top of keel to top of MAIN upper deck beams at side 19.75
Transverse Number 57.41
Length on deck from fore part of stem to after part of stern post 267.85
Longitudinal Number 15377.26
Depth "d," at middle of length (See Secs. 2 & 13) 16.83 & 20.58
Proportions—Depths to Length—MAIN Upper Deck Beam at side to top of keel 13.56
RAISED QUARTER Long Bridge Deck Beam at side to top of keel 11.39

Destined Voyage

If Surveyed while Building, and whilst building Afloat, or in Dry Dock YES

LENGTH on Deck as per Rule 267' 10 1/2" BREADTH—Moulded 37' 8" DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 17' 7 1/2" No. of Decks with flat laid ONE No. of Tiers of Beams "

Moulded depth, ft. 26 ins. 9 To Bridge Dk. Round of Upper Dk. Beam, Actual 9 1/2 ins.
Moulded depth, ft. 19 ins. 9 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.				Inches in Ship.		Inches in Ship.		Inches per Rule.		Inches per Rule.					
IN WAY OF MAIN DECK.				Inches in Ship.				Inches in Ship.				Inches per Rule.							
BARS amidships R&D.				Inches in Ship.				Inches in Ship.				Inches per Rule.							
Do. in peaks				8	3	46	8	3	46	Inches in Ship.				Inches per Rule.					
Do. in way of Double Bottoms at Solid Floors				8	3	58	8	3	58	Inches in Ship.				Inches per Rule.					
" " at intermdt. Bkts.				6	3	34	5 1/2	3	36	Inches in Ship.				Inches per Rule.					
Spacing of Frames from centre to centre amidships				3	3	32	3	3	32	Inches in Ship.				Inches per Rule.					
" " length to Collision bulkhead				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
" " in peaks				" "				" "				Inches in Ship.				Inches per Rule.			
REVERSED FRAME, Angles				BULB ANGLE FRAMES				3	3	32	Inches in Ship.				Inches per Rule.				
Do. in way of Double Bottoms at Solid Floors				3	3	32	3	3	32	Inches in Ship.				Inches per Rule.					
" " at intermdt. Bkts.				8				8				Inches in Ship.				Inches per Rule.			
FRAMING, depth of girder				" "				" "				Inches in Ship.				Inches per Rule.			
FLOORS, depth and thickness of Floor Plate				CELLULAR DOUBLE BOTTOM				TANK TOP CARRIED STRAIGHT				Inches in Ship.				Inches per Rule.			
" at mid-line for 1/2 length amidships				ACROSS TO SIDE OF VESSEL				" "				Inches in Ship.				Inches per Rule.			
" in way of Engine and Boiler Spaces				" "				" "				Inches in Ship.				Inches per Rule.			
" thickness at the ends of vessel				" "				" "				Inches in Ship.				Inches per Rule.			
" depth at 1/2 the half breadth, as per Rule				" "				" "				Inches in Ship.				Inches per Rule.			
" height extended at the Bilges				" "				" "				Inches in Ship.				Inches per Rule.			
FLOORS in Cell. Double Bottoms				32				32				Inches in Ship.				Inches per Rule.			
" state if flanged (top & bottom)				No				No				Inches in Ship.				Inches per Rule.			
" Spacing of Solid floors				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
CENTRE GIRDER, in Dbl. bottom, dpth. & thckness				35	4	44	35	4	44	Inches in Ship.				Inches per Rule.					
" " Angles, Top				ONE	4	4	50	4	4	50	Inches in Ship.				Inches per Rule.				
" " Bottom				TWO	4	4	50	4	4	50	Inches in Ship.				Inches per Rule.				
" " to Floors				3	3	32	3	3	32	Inches in Ship.				Inches per Rule.					
" Brackets at intermdt. frmg., width & thckness				5	5	38	5	5	38	Inches in Ship.				Inches per Rule.					
DE GIRDERS, number on each side & thickness				TWO	32	TWO	32	Inches in Ship.				Inches per Rule.							
" state if flanged (top and bottom)				Top flanged except in way of Space				Inches in Ship.				Inches per Rule.							
" Angles (top and bottom)				3	3	32	3	3	32	Inches in Ship.				Inches per Rule.					
" " to Floors				2 1/2	2 1/2	32	2 1/2	2 1/2	32	Inches in Ship.				Inches per Rule.					
MARGIN PLATE, depth (exclusive of flange) and thickness				40 1/2	50	40 1/2	50	Inches in Ship.				Inches per Rule.							
" Angle to Outside Plating				4	4	36	4	4	36	Inches in Ship.				Inches per Rule.					
" Floors				3	3	32	3	3	32	Inches in Ship.				Inches per Rule.					
" Brackets at intermdt. frmg., width & thckness				30				30				Inches in Ship.				Inches per Rule.			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				35	50	35	50	Inches in Ship.				Inches per Rule.							
" " in Engine and Boiler space				50				50				Inches in Ship.				Inches per Rule.			
" " Remainder in Holds				50				50				Inches in Ship.				Inches per Rule.			
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel				Y	3	40	Y	3	40	Inches in Ship.				Inches per Rule.					
" In way of Long Bridge				Y	3	40	Y	3	40	Inches in Ship.				Inches per Rule.					
" Spacing				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel				4Y				4Y				Inches in Ship.				Inches per Rule.			
" Spacing				5 1/2				5 1/2				Inches in Ship.				Inches per Rule.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
" Angles on upper edge				8"				8"				Inches in Ship.				Inches per Rule.			
" Spacing				4Y				4Y				Inches in Ship.				Inches per Rule.			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
" Angles on upper edge				8"				8"				Inches in Ship.				Inches per Rule.			
" Spacing				4Y				4Y				Inches in Ship.				Inches per Rule.			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				23 1/2				23 1/2				Inches in Ship.				Inches per Rule.			
" Angles on upper edge				8"				8"				Inches in Ship.				Inches per Rule.			
" Spacing				4Y				4Y				Inches in Ship.				Inches per Rule.			

PILLARS In 'tween Deck, size and spacing				Inches in Ship.		Inches in Ship.		Inches per Rule.		Inches per Rule.	
" " Hold				3 1/2	DIA TO MAIN DK	6 x 6 x 44		UNDER DECK		AS APPROVED	
" " Quarter 'tween Dks., " "				3 1/2	" " R&D DK	" " " "		" " " "		" " " "	
" " in Hold				INCREASED FOR LENGTH AS PER RULE		SPACED AS PER APPROVED PLANS		" " " "		" " " "	
KEELSONS & STRINGERS.				Inches in Ship.		Inches in Ship.		Inches per Rule.		Inches per Rule.	
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate				" "		" "		" "		" "	
" Rider Plate				" "		" "		" "		" "	
" Flat Plate Keel Angles				" "		" "		" "		" "	
" Horizontal Plates on Floors				" "		" "		" "		" "	
" Angles or Bulb Angles				" "		" "		" "		" "	
SIDE KEELSONS, Number				" "		" "		" "		" "	
" Angles or Bulb Angles				" "		" "		" "		" "	
" Plate above floors, for length				" "		" "		" "		" "	
" Intercostal Plate, for length				" "		" "		" "		" "	
" Attached to outside Plating with Angle				" "		" "		" "		" "	
BILGE KEELSON, Angles				" "		" "		" "		" "	
" Intercostal Plate for length				" "		" "		" "		" "	
" Attached to outside Plating with Angle				" "		" "		" "		" "	
SIDE STRINGERS, Number				" "		" "		" "		" "	
" " Angle				" "		" "		" "		" "	
" Intercostal Plate, for length				" "		" "		" "		" "	
" Attached to outside plating with Angle				" "		" "		" "		" "	
PANTING ARRANGEMENTS AS APPROVED				" "		" "		" "		" "	
MAIN Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				72	x	60	72	x	60	Inches in Ship.	
" " " br'dth & thickness (in way of Bridge)				48	x	54	48	x	54	Inches in Ship.	
" " Angle (clear of Bridge)				4 1/2	x	4 1/2	4 1/2	x	4 1/2	Inches in Ship.	
" " Tie Plate at sides of Hatchways				" "		" "		" "		Inches in Ship.	
" Deck, * Iron or Steel, for FULL " lng.				WINCH PLATFORM		38	38		Inches in Ship.		
" " Thickness (clear of Bridge)				" "		34	34		Inches in Ship.		
" " (in way of Bridge)				34	x	40	34	x	40	Inches in Ship.	
" Wood Deck. Material & thickness				" "		" "		" "		Inches in Ship.	
Second Deck Stringer Plate, br'dth & thickness				72	x	60	72	x	60	Inches in Ship.	
" Angles on ditto, No.				4 1/2	x	4 1/2	4 1/2	x	4 1/2	Inches in Ship.	
" Tie Plates outside Hatchways				" "		38	38		Inches in Ship.		
" Deck, * Iron or Steel, for lng.				" "		34	34		Inches in Ship.		
" Wood Deck. Material & thickness				" "		" "		" "		Inches in Ship.	
Third Deck Stringer Plate, br'dth & thickness				" "		" "		" "		Inches in Ship.	
" Angles on ditto, No.				" "		" "		" "		Inches in Ship.	
" Tie Plates, outside Hatchways				" "		" "		" "		Inches in Ship.	
" Deck, * Material and thickness				" "		" "		" "		Inches in Ship.	
Fourth and Fifth Deck Stringer Plate, breadth & thickness				" "		" "		" "		Inches in Ship.	
" Angles on ditto, No.				" "		" "		" "		Inches in Ship.	
" Tie Plates outside Hatchways				" "		" "		" "		Inches in Ship.	
" Deck, Material & thickness				" "		" "		" "		Inches in Ship.	
Poop Deck Stringer Plate, breadth & thickness				30	x	30	30	x	30	Inches in Ship.	
" Angle on ditto				3	x	3	3	x	3	Inches in Ship.	
" Tie Plates				9	x	30	9	x	30	Inches in Ship.	
" Deck, Material and thickness				WOOD		PP 5 x 3	PP 5 x 3		Inches in Ship.		
Bridge Deck Stringer Plate, br'dth & thickness				66	x	34	66	x	34	Inches in Ship.	
" Angle on ditto				3 1/2	x	3 1/2	3 1/2	x	3 1/2	Inches in Ship.	
" Tie Plates				" "		" "		" "		Inches in Ship.	
" Deck, Material and thickness				STEEL		30	30		Inches in Ship.		
Forecastle Deck Stringer Plate, br'dth & th'kness				30	x	30	30	x	30	Inches in Ship.	
" Angle on ditto				3	x	3	3	x	3	Inches in Ship.	
" Tie Plates				18	x	30	18	x	30	Inches in Ship.	
" Deck, Material and thickness				WOOD		PP 5 x 3	PP 5 x 3		Inches in Ship.		

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

[illegible]

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.08 ft., R.Q.D. 82.25 ft., Bridge 50.91 ft., Forecastle (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 should appear in the Register Book) 1 Dk (Steel) well dr.

Official No. 140710 ; Signal Letters
How are the surfaces preserved from oxidation? Inside Paint and cement State if Machinery is fitted aft No 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,	80 - 3½	146	Fore peak tank,	23 - 6	
Double bottom, under Engines and Boilers,	35 - 3	90	After peak tank,	21 - 6½	
Double bottom, if under Engines only,			Deep tank, aft,	7 - 10	
Double bottom, if under Boilers only,			Deep tank, forward,	11 - 9	
Double bottom, forward,	99 - 10½	226	Other tanks, if fitted,		
	Total capacity of double bottom	462	(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. 5287

Date 13.6.17

No. 162 in builder's yard.

DATES of Surveys held while building

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

Surveyor's Signature

A. Pickworth

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Total No. of Visits 7

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