

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office. WED. 18 OCT. 1922

Date of completion of report 4th Oct. 1922.
Survey held at Port Glasgow.

Port of Greenock.
Date, First Survey 16th Jan. 1922.

No. 18030.
Last Survey 30th September, 1922.

On the (Screw, Twin, or other) MOTOR VESSEL. "DURENDA"

Rig Schooner.

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 6794.71
Do. of Poop 102.26
Do. of R.C. Dk. 5.70
Do. of Bridge House 96.78
Do. of Forecastle 7.82
Do. of Houses on Dk. 209.99
Do. of excess of Hatchways 23.66
Do. above Crown of Engine Room 9240.80
Gross Tonnage 354.63
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES... 2317.06
Less Engine Room 119.14
Less Navigation Spaces
Register Tonnage 4450.06
as cut on Beam

CLASS 100 A.1. FEET.
Breadth (greatest moulded) 58.0
Depth, at middle of length from top of keel to top of upper deck beams at side 36.5
Transverse Number 93.5
Length on deck from fore part of stem to after part of stern post 450.0
Longitudinal Number 42075
Depth "d," at middle of length (See Secs. 2 & 13) 20.83
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.6
Long Bridge Deck Beam at side to top of keel 10.3

Master
Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19
Built at Port Glasgow.
When built 1922. Launched 28th March/22.
By whom built Robert Duncan & Co. Ltd.
Owners British India Steam Navigation Co. Ltd.
Managers (Where necessary to be entered in Reg. Book.)
Residence London.
Port belonging to Glasgow.

Destined Voyage Indian Ports. If Surveyed while Building, Afloat, or in Dry Dock YES.

Length on Deck 450.0. Breadth Moulded 58.0. Depth, Actual—Top of Floors to top of Upper Dk. Beams 32.10. Second Dk. Beams 21.10. No. of Decks with flat laid Two. No. of Tiers of Beams Two.
Moulded depth, ft. 43. ins. 6 To Bridge Dk. Round of Upper 14 1/2 ins.
Moulded depth, ft. 36. ins. 6 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
AME, Angles, or Bars amidships	12	3 1/2	62	12	3 1/2	62	PILLARS In 'tween Deck, size and spacing				
Do. in peaks	8	3 1/2	48	8	3 1/2	48	" " Hold				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Quarter 'tween Dks.,				
" " at intermdt. Bkts.	8	3 1/2	60	8	3 1/2	60	" " in Hold				
ing of Frames from centre to centre amidships	28			28							
" " " from 1/2 length to Collision bulkhead	27			27							
" " " in peaks	24			24							
VERSED FRAME, Angles	3	9	FRAMING.				KEELSONS & STRINGERS.				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate				
" " at intermdt. Bkts.	8	3 1/2	42	7 1/2	3 1/2	60	" Rider Plate				
AMING, depth of girder	12			12			" Flat Plate Keel Angles				
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							" Horizontal Plates on Floors				
" in way of Engine and Boiler Spaces							" Angles or Bulb Angles				
" thickness at the ends of vessel	40			40			SIDE KEELSONS, Number				
" depth at 1/2 the half breadth, as per Rule							" Angles or Bulb Angles				
" height extended at the Bilges							" Plate above floors, for length				
DOORS in Cell. Double Bottoms	42			42			" Intercoastal Plate for length				
" state if flanged (top & bottom)	No.						" Attached to outside Plating with Angle				
" Spacing of Solid floors	ON EVERY THIRD FRAME.						BILGE KEELSON, Angles				
NTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	46		66	46	66		" Intercoastal Plate for length				
" " Angles, Top	3 1/2	3 1/2	54	3 1/2	3 1/2	54	" Attached to outside Plating with Angle				
" " Bottom	5	5	60	5	5	60	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	76	64	76	64
" " to Floors	5	5	62	5	5	62	" " br'dth & thickness (in way of Bridge)	50	50	50	50
" Brackets at intermdt. frmg., wdth & thcknss	42		42	36	42		" " Angle (clear of Bridge)	5 x 5	74	5 x 5	64
DE GIRDERS, number on each side & thickness	2		42	2	42		" " Tie Plate at sides of Hatchways				
" " state if flanged (top and bottom)	No.						" Deck, * Iron or Steel, for WHOLE lng.	44	46	44	46
" " Angles (top and bottom)	3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Thickness (clear of Bridge)	44	44	44	44
" " to Floors	3	3	42	3	3	42	" " (in way of Bridge)	40	40	40	40
RGIN PLATE, depth (exclusive of flange) and thickness	39		50	39	50		" " Wood Deck, Material & thickness				
" " Angle to Outside Plating	4	4	50	4	4	50	Second Deck Stringer Plate, br'dth & thickness	83	46	80	46
" " Floors	5	5	60	5	5	60	" Angles on ditto, No. 2	4 x 4 x 50	3 x 3 x 50	4 x 4 x 50	3 x 3 x 50
" Brackets at intermdt. frmg., wdth & thcknss	36		42	36	42		" " Tie Plates outside Hatchways				
" Height of Outside Brackets above at bilge	30			30			" Deck, * Iron or Steel, for WHOLE lng.	40	40	40	40
IER BOTTOM PLATING, breadth and thickness of Middle Line Strake	65		50	63	50		" " Wood Deck, Material & thickness	36	36	36	36
" " in Engine and Boiler space	52			52			Third Deck Stringer Plate, br'dth & thickness				
" " Remainder in Holds	40			40			" Angles on ditto, No.				
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	46	8	3	46	" Tie Plates, outside Hatchways				
" " In way of Long Bridge							" Deck, * Material and thickness				
" " Spacing	28			28			Fourth and Fifth Deck Stringer Plate, breadth & thickness				
AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 1/2	3 1/2	62	9 1/2	3 1/2	62	" Angles on ditto, No.				
" " Spacing	28			28			" " Tie Plates outside Hatchways				
AMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Deck, Material & thickness				
" " Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness				
" " Spacing							" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2	36
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	48	7	3	40	" Tie Plates	2 1/2 x R.P.	26	2 1/2 x R.P.	26
" " Angles on upper edge	9 1/2	3 1/2	62	9 1/2	3 1/2	62	" Deck, Material and thickness	STEEL	26	26	26
" " Spacing	28			28			Bridge Deck Stringer Plate, br'dth & thickness	66	56	66	56
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	42	8	3	42	" Angle on ditto	5 x 5	64	5 x 5	64
" " Angles on upper edge							" Tie Plates				
" " Spacing	28			28			" Deck, Material and thickness	STEEL	44	44	44
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 1/2	3 1/2	54	10	3 1/2	56	Forecastle Deck Stringer Plate, br'dth & th'kns				
" " Angles on upper edge	8	3	42	8 1/2	3 1/2	50	" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2	36
" " Spacing	27	8	24	54	8	48	" Tie Plates				
							" Deck, Material and thickness	STEEL	30	30	30

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

WEB FRAMES. In Fore Body, No. and spacing. In E. & B. Space, No. and spacing. In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. No. 38, 74, 98, 120. COLLISION. PARTITION. LONGITUDINAL. FORGINGS AND CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A&D* Table 22. Speed 6.25 AND UNDER 12 KNOTS. RUDDER, how constructed. BUILT FORGINGS. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. UPPER DECK. Stringer Plate. Second Deck. Stringer Plate. FRAMES extend in one length from centre line to margin. REVERSED FRAMES on floors and frames extend from centre line to margin. MASTS, SPARS, &c. LOWER MASTS. Main Mast. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 43836. LETTER Cf. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear. Pumps, Number 3. Down Pump. Windlass is electric by Clark's. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature (here only). Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the rivets between the frames and plates solid single pieces? Are the butts of plating, stringers, &c., properly shifted and overlapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). Committee's Minute. Character assigned. 9.22. + LMC 10.22. Lloyd's a.s.c.p.

GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 45.0 ft., R.Q.D. ☒ ft., Bridge 149.33 ft., Forecastle 40.75 ft. (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) 2 DKS. (STL).

Official No. 146312.; Signal Letters _____ State if Machinery is fitted aft no.

How are the surfaces preserved from oxidation? Inside By bitumastic enamel, Portland cement & paint outside, just oil double bottom. Outside by 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,	<u>132.</u>	<u>489.</u>	Fore peak tank,		<u>149.</u>
Double bottom, under Engines and Boilers,			After peak tank,		<u>75.</u>
Double bottom, if under Engines only,	<u>57.33.</u>	<u>245.</u>	Deep tank, aft,		<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,			Deep tank, forward,		<input checked="" type="checkbox"/>
Double bottom, forward,	<u>200.58</u>	<u>787.</u>	Other tanks, if fitted,		<input checked="" type="checkbox"/>
Total capacity of double bottom		<u>1519.</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. 3011

Date 20th March, 1920.

No. 349. in builder's yard.

DATES OF SURVEYS held while building

1920. June 16-18-21. July 20-30. Aug. 5. 6. 10. 16. 19-20. 24. 26. Sept. 1-2-3-22. Oct. 6-13-15-22. Nov. 5-9-11-16-18-20-21-22-23. 1921. Feb. 3-8-16-23. Mar. 2-8-9-11-15-18-22. Apr. 6-15-18-20-21-22-23-24. May 2-3-4-11-17-20-24. June 2-15-16-21. July 12-15-18-21-24-26-28-29. Aug. 1-2-9-18-25. Sept. 1-9-13-22-27. Oct. 4-6-19-20-21-25-26-27-28-29-30. Nov. 1-2-3-10-21-24-30. Dec. 5-8-16-20-22-29. 1922. Jan. 12-16-18-25-27. Feb. 9-10-15-14-15-20-24. March 2-10-20-24-25. May 19. July 6. Sept. 5-23-30.

Total No. of Visits 125.

Surveyor's Signature J. R. McLeod, R. D. Cairns, & A. W. McLeod