

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office FRI. 22 SEP. 1922

Date of completion of report 21st SEPT. 1922
Survey held at Portsmouth

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

Port of Southampton

No. 11350.

Date, First Survey November 8th 1920. Last Survey September 8th 1922

On the (State if Single, Twin or Triple Screw) S. S. "MUREX"

Rig Pole masts

TONNAGE under 5289.33

CLASS 100 A. 1.

FEET.

Master

Year of appointment

(1) As Master in service of owner of present vessel:—10
(2) As Master of this vessel:—10

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 53.08

Depth, at middle of length from top of keel to top of upper deck beams at side 31.04

Transverse Number 84.08

Length on deck from fore part of stem to after part of stern post 412.0

Longitudinal Number 34643

Depth "d," at middle of length (See Secs. 2 & 13) 22.04

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.29

" " Long Bridge Deck Beam at side to top of keel

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage 5830.42

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES..

Less Engine Room

Less Navigation Spaces

Register Tonnage 3400.34

Destined Voyage

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

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
412	0	53	1	31	0	22	0	0	Two	Two

Dimensions of Ship per Register. Length 412.2 breadth 53.35 depth 31.15 Moulded depth, ft. 38 ins. 6 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins. Moulded depth, ft. 31 ins. 0 1/2 To Upper Dk.

FRAMING.						PILLARS.					
FRAME, Angles, or C or L Bars amidships						PILLARS In 'tween Deck, size and spacing					
Do. in peaks	8	3 1/2	18.2 lbs	8	3 1/2	18.2 lbs	3" UNDER WINDLASS	3	6" x 6" x 25 lbs	6" x 6" x 25 lbs	6" x 6" x 25 lbs
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9.40 lbs	3 1/2	3 1/2	9.40 lbs	Quarter 'tween Dks., (Spacing)	6" x 3 1/2" x 15 lbs	6" x 3 1/2" x 15 lbs	6" x 3 1/2" x 15 lbs	6" x 3 1/2" x 15 lbs
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	" " in Hold	" "	" "	" "	" "
Spacing of Frames from centre to centre amidships	see	back page attached					LONG. FRAMING SEE BACK PAGE ATTACHED				
" " " " from 1/2 length to Collision bulkhead in peaks	✓	24	24								
REVERSED FRAME, Angles	✓	6	3 1/2	12.96 lbs	6	3 1/2					
Do. in way of Double Bottoms at Solid Floors	✓	✓	✓	✓	✓	✓					
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓					
FRAMING, depth of girder	✓	✓	✓	✓	✓	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	✓	✓	✓	✓	✓	✓					
" in way of Engine and Boiler Spaces	✓	✓	✓	✓	✓	✓					
" thickness at the ends of vessel	✓	✓	✓	✓	✓	✓					
" depth at 1/2 the half breadth, as per Rule	✓	✓	✓	✓	✓	✓					
" height extended at the Bilges	✓	✓	✓	✓	✓	✓					
FLOORS in Cell. Double Bottoms, E.R. & B.R.	✓	✓	✓	✓	✓	✓	LONG. FRAMING SEE BACK PAGE ATTACHED				
" state if flanged (top & bottom)	✓	✓	✓	✓	✓	✓					
" Spacing of Solid floors	✓	✓	✓	✓	✓	✓					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	✓	✓	✓	✓	✓	✓					
" " Angles, Top	✓	✓	✓	✓	✓	✓					
" " " Bottom	✓	✓	✓	✓	✓	✓					
" " " to Floors	✓	✓	✓	✓	✓	✓					
" Brackets at intermdt. frmg., wdth & thcknss	✓	✓	✓	✓	✓	✓					
SIDE GIRDERS, number on each side & thickness	✓	✓	✓	✓	✓	✓					
" " state if flanged (top and bottom)	✓	✓	✓	✓	✓	✓					
" " Angles (top and bottom)	✓	✓	✓	✓	✓	✓					
" " " to Floors	✓	✓	✓	✓	✓	✓					
MARGIN PLATE, depth (exclusive of flange) and thickness	✓	✓	✓	✓	✓	✓	LONG. FRAMING SEE BACK PAGE ATTACHED				
" " Angle to Outside Plating	✓	✓	✓	✓	✓	✓					
" " " Floors	✓	✓	✓	✓	✓	✓					
" Brackets at intermdt. frmg., wdth & thcknss	✓	✓	✓	✓	✓	✓					
" Height of Outside Brackets above at bilge	✓	✓	✓	✓	✓	✓					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓	✓	✓	✓	✓	✓					
" " in Engine and Boiler space	✓	✓	✓	✓	✓	✓					
" " Remainder in Holds	✓	✓	✓	✓	✓	✓					
EAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" In way of Long Bridge	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					
EAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					
EAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" Angles on upper edge	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					
EAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" Angles on upper edge	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					
EAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" Angles on upper edge	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					
EAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓					
" Angles on upper edge	✓	✓	✓	✓	✓	✓					
" Spacing	✓	✓	✓	✓	✓	✓					

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

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	
		Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Ins.	Ins.	
Framing of $\Sigma, \perp, \perp, \perp$		6	3	15				6	3	15						
Frames in Bridge 'tween Decks...		7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	
Frames from Uppermost Continuous Deck		7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	
" 2		7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	15.6	7	3½	
" 3		8	3½	18.8	8	3½	19.3	8	3½	18.8	8	3½	19.3	8	3½	
" 4		9	3½	21	9	3½	21	9	3½	21	9	3½	21	9	3½	
" 5		9	3½	21.3	9	3½	21.3	9	3½	21.3	9	3½	21.3	9	3½	
" 6		10	3½	22.5	O.T. PLAT			10	3½	22.5	O.T. PLAT			10	3½	
" 7		10	3½	23.6	10	3½	24.5	10	3½	23.6	10	3½	24.5	10	3½	
" 8		10	3½	25.7	10	3½	27.2	10	3½	25.7	10	3½	27.2	10	3½	
" 9		10	3½	25.7	10	3½	27.2	10	3½	25.7	10	3½	27.2	10	3½	
" 10		12	4	36.47	12	4	36.47	12	4	36.47	12	4	36.47	12	4	
" 11		"	"	"	12	4	36.47	"	"	"	12	4	36.47	"	"	
" 12		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
" 13		"	"	"	12	4	36.47	"	"	"	12	4	36.47	"	"	
" 14		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
" 15		"	"	"	12	4	36.47	"	"	"	12	4	36.47	"	"	
" 16		GIRDER 40	To 20	✓	GIRDER 40	To 20	✓	GIRDER 40	To 20	✓	GIRDER 40	To 20	✓	GIRDER 40	To 20	✓
Spacing of Longitudinal Frames		AS ABOVE	30	✓	AS APP ^d	PLAN	✓	AS ABOVE	30	✓	AS APP ^d	PLAN	✓	AS ABOVE	30	✓
Double Bottoms		Tank Top Longitudinals			7	3½	20.3	7	3½	20.3	7	3½	20.3	7	3½	
" L, L or C		Bottom			7	3½	18.2	7	3½	18.2	7	3½	18.2	7	3½	
Spacing of Longitudinals		Amidships														
		At Ends...					30						30			
Transverses.		In Bridge			44	4	60	44	4	60	44	4	60	44	4	
		Face Angles			6	4	60	6	4	60	6	4	60	6	4	
		Lugs to Shell* Sgls.			6	6	46	6	6	46	6	6	46	6	6	
		In Awning, Shelter or Upper 'tween Decks			20	4	40	20	4	40	20	4	40	20	4	
		Face Angles			4	3½	44	4	3½	44	4	3½	44	4	3½	
		Lugs to Shell* Sgls.			3½	3½	40	3½	3½	40	3½	3½	40	3½	3½	
		In Hold			28	4	40	28	4	40	28	4	40	28	4	
		Face Angles			6	4	60	6	4	60	6	4	60	6	4	
		Lugs to Shell* Sgls.			6	6	46	6	6	46	6	6	46	6	6	
		Brackets			46	8	40	46	8	40	46	8	40	46	8	
Spacing of Transverse Frames		8'-8"			8'-8"			8'-8"			8'-8"			8'-8"		
State if joggled or liners.																
Longitudinal Beams of L, L or C		Bridge Deck	6	3	5/16	6	3	5/16	6	3	5/16	6	3	5/16	6	3
		Pop	6	3	12.3	6	3	12.3	6	3	12.3	6	3	12.3	6	3
		Upper MAIN	6	3	40	6	3	40	6	3	40	6	3	40	6	3
		FILE	6	3	42	6	3	42	6	3	42	6	3	42	6	3
		FILE	6	3	12.3	6	3	12.3	6	3	12.3	6	3	12.3	6	3

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

5c2, 30.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.25 ft., R.Q.D. ✓ ft., Bridge 31.75 ft., Forecastle 57.08 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)

Official No. 146628 ; Signal Letters

State if Machinery is fitted aft machinery aft.

How are the surfaces preserved from oxidation? Inside Paint + cement in tanks outside oil. Outside Paint.

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	19.0	102
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	72	103
Double bottom, if under Engines only, as built 24/25	42.5	94	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	38.25	92	Deep tank, forward,	32	329
Double bottom, forward,	✓	✓	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	92	186	(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.

Date

No.

4 in building yard.

DATES OF SURVEYS held while building

1921
1920. NOV. 8 : DEC. 20. 30 : JAN 13 : FEB 7 : MAR 2. 11. 22. 31 : AP. 12. 14. 20. 28 : MAY. 2. 6. 11. 19. 24 : JUNE 2. 14. 20. 28 : JULY 7. 14. 21
AUG. 3. 11. 17. 24. 31. SEP. 7. 14. 20. 28 : OCT. 4. 10. 11. 17. 20. 26. 28 : NOV. 8. 11. 17. 23. 29 : DEC. 2. 8. 13. 20. 30.
1922
JAN 2. 4. 6
13. 24 : FEB. 7. 13. 22. 24 : MAR 1. 14. 17. 22. 26. 30. 31. AP. 4. 5. 10. 11. 24. 26. 27 : MAY. 3. 9. 20. 29 : JUNE 2. 9. 13. 14. 15. 24
23. 28. 30, JULY 7. 10. 13. 25. AUG. 8. 16. 21. 22. 23. 25. SEPT. 1. 8

Total No. of Visits 104

Surveyor's Signature A. Phillips + G. B. Dwyer Register

(B. B. John. A. Lawson)

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