

With or Without Disconnected Erections.

STEEL STEAMER.

TUE. 1 MAR. 1921
Received at London Office

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

Date of completion of report *26th Feb 1921*
Survey held at *Leith*

Port of *LEITH*
Date, First Survey *29th December 1920* Last Survey *22nd February 1921*

No. *15907*

On the (State if Single, Double, or Triple Bottom) *Double*

TONNAGE under Tonnage Deck *929.53*

Do. between Tonnage Dk. and 3rd and 4th Dk. *16.98*

Total under Upper Dk. *84.67*

Do. of Prop. *16.98*

Do. of R.Q. Dk. *33.22*

Do. of Bridge House *44.32*

Do. of Forecastle *18.18*

Do. of Houses on Dk. *1126.90*

Do. of excess of Hatchways *75.38*

Do. above Crown of Engine Room *1051.52*

Gross Tonnage *360.61*

Less Crew Space *39.52*

Less above Crown of Engine Room *651.39*

TONNAGE FOR FEES *224 1 1/2*

Engine Room *224 1 1/2*

Navigation Spaces *224 1 1/2*

Deck 79 *224 1 1/2*

er Tonnage *224 1 1/2*

on Beam *224 1 1/2*

CLASS *100 A.1.*

FEET.

Master *Edward B. Johnson*

Year of appointment *1911*

Built at *STETTIN*

When built *1908* Launched *✓*

By whom built *STETTIN ODERWERKE*

Owners *Ellerman Lines Ltd*

Managers *Ellerman - Wilson Line*

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

Residence *Hull*

Port belonging to *Hull*

Breadth (greatest moulded) *35.25*

Depth, at middle of length from top of keel to top of upper deck beams at side *17.06*

Transverse Number *52.31*

Length on deck from fore part of stem to after part of stern post *224.46*

Longitudinal Number *11780*

Depth "d," at middle of length (See Secs. 2 & 13) *14.06*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.1*

" " Long Bridge Deck Beam at side to top of keel *9.3*

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

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
224	1 1/2	Moulded	35	3	Top of Floors to top of Upper Dk. Beams	17	3/4	one
					Do. do. do. do. Second Dk. Beams			one

Moulded depth, ft. *21* ins. *1* To Bridge Dk. Round of Upper Dk. Beam, Actual *7 3/4* ins.

Moulded depth, ft. *17* ins. *3/4* To Upper Dk.

Dimensions of Ship per Register, Length *225.7* breadth *35.4* depth *14.45*

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

ME, Angles, or E or L Bars amidships *8* *3 1/2* *50*

in peaks *6 1/2* *3* *38*

in way of Double Bottoms at Solid Floors *4 1/2* *3* *40* bracketed

in Bridge Swain Dk. - angles at intermdt. Bkts. *23 1/2*

ing of Frames from centre to centre amidships *15" A.P. 23 1/2*

length to Collision bulkhead in peaks *15" A.P. 23 1/2*

in way of Double Bottoms at Solid Floors *7" U.D. 8" R.A.D.*

in way of Engine and Boiler Spaces *8" R.A.D.*

thickness at the ends of vessel *35*

depth at 1/2 the half breadth, as per Rule *70*

height extended at the Bilges *38*

ORS in Cell. Double Bottoms *38*

state if flanged (top & bottom) *40*

Spacing of Solid floors *35*

BRIDGE GIRDER, in Dbl. bottom, dpth. & thickness *38*

Angles, Top *40*

Bottom *35*

to Floors *35*

Brackets at intermdt. frmg. width & thickness *35*

GIRDERS, number on each side & thickness *35*

state if flanged (top and bottom) *35*

Angles (top and bottom) *35*

to Floors *35*

BRIDGE PLATE, depth (exclusive of flange) *25*

and thickness *45*

Angle to Outside Plating *45*

Floors *45*

Brackets at intermdt. frmg. width & thickness *10*

Height of Outside Brackets above at bilge *45*

BOTTOM PLATING, breadth and thickness of Middle Line Strake *34 1/2*

in Engine and Boiler space *45*

Remainder in Holds *35*

Upper Deck, Single Angle, Bulb *6 1/2*

Angle, Plate, Tee Bulb, or Channel *3*

In way of Long Bridge *40*

Spacing *23 1/2*

Second Deck, Single Angle, Bulb *6 1/2*

Angle, Plate, Tee Bulb, or Channel *3*

Spacing *40*

Third and Fourth Decks, Single Angle, Bulb *6 1/2*

Angle, Plate, Tee Bulb, or Channel *3*

Angles on upper edge *40*

Spacing *23 1/2*

Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *6 1/2*

Angles on upper edge *3*

Spacing *40*

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *5*

Angles on upper edge *3 1/2*

Spacing *40*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *6 1/2*

Angles on upper edge *3*

Spacing *40*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *6 1/2*

Angles on upper edge *3*

Spacing *40*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *6 1/2*

Angles on upper edge *3*

Spacing *40*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *6 1/2*

Angles on upper edge *3*

Spacing *40*

PILLARS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

PILLARS In 'tween Deck, size and spacing *2 1/2*

" Hold *F 3 1/2 A. 3 1/4*

" Quarter 'tween Dks. *3*

" in Hold *F 3 1/2 A. 3 1/4*

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal 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

" Intercoastal Plate, for length

" Attached to outside Plating with Angle

BILGE KEELSON, Angles

" Intercoastal Plate for length

" Attached to outside Plating with Angle

SIDE STRINGERS, Number

" Angle

" Intercoastal Plate, for length

" Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) *32"*

" " " " br'dth & thickness *32"*

" " " " (in way of Bridge) *4 x 4"*

" " " " Angle (clear of Bridge) *50*

" " " " Tie Plate at sides of Hatchways *34*

" Deck * Iron or Steel, for whole lng. *34*

" Thickness (clear of Bridge) *34*

" " " " (in way of Bridge) *34*

" Wood Deck, Material & thickness *31"*

Second Deck Stringer Plate, br'dth & thickness *4 x 4"*

" Angles on ditto, No. *44*

" Tie Plates outside Hatchways *34*

" Deck * Iron or Steel, for whole lng. *34*

" Wood Deck, Material & thickness *34*

Third Deck Stringer Plate, br'dth & thickness *34*

" Angles on ditto, No. *34*

" Tie Plates, outside Hatchways *34*

" Deck * Material and thickness *34*

Fourth and Fifth Deck Stringer Plate, br'dth & thickness *34*

" Angles on ditto, No. *34*

" Tie Plates outside Hatchways *34*

" Deck, Material & thickness *34*

Poop Deck Stringer Plate, br'dth & thickness *34*

" Angle on ditto *34*

" Tie Plates *34*

" Deck, Material and thickness *34*

Bridge Deck Stringer Plate, br'dth & thickness *44"*

" Angle on ditto *3 x 3"*

" Tie Plates *34*

" Deck, Material and thickness *26*

Forecastle Deck Stringer Plate, br'dth & thickness *20"*

" Angle on ditto *3 x 3"*

" Tie Plates *30*

" Deck, Material and thickness *22*

" and wood sheathed

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

WEB FRAMES.

WEB FRAMES, In Fore Body, No. and spacing
brdth. & thickness
No. of Side Stringers

WEB FRAMES, In E. & L. Space, No. & spacing
brdth. & thickness

WEB FRAMES, In After Body, No. and spacing
brdth. & thickness
No. of Side Stringers

Size of Face Angles to Web-Frames.....

BRACKET PLATES to Stringers between
Web Frames, depth and thickness.....

Inches in Ship.

Inches in Ship.

Inches per Rule, Or as Approved.

Inches per Rule, Or as Approved.

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder, do. do.

for Propeller

RUDDER - A x D° Table 22. Speed

Main-Piece, diameter at head

at heel

Inches in Ship.

Inches per Rule, Or as Approved.

BULKHEADS.

Number.

STIFFENERS.

Single or Double Frames.

Height up state deck.

Vessel.

Per Rule.

Thickness.

Horizontal.

Vertical.

Size.

Spacing.

Size.

Spacing.

W.T. BULKHEADS

4 to Upper Deck.

OPTN

AFT PEAK

34-30 FLAT

45-30-25 1/2 SLOPE R.O.D.

HOLD.

36-26 NONE

BA 6-35-45 30

U.D.

COLLISION.

40-30 7-5-50 BA 6-35-45 29

PARTITION.

LONGITUDINAL.

Are the outside Plates doubled two spaces of Frames in length?

Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

STRAKES.

AMIDSHIP.

FORWARD.

AFT.

AMIDSHIP.

Breadth.

Thickness.

Thickness.

Thickness.

Breadth.

Thickness.

FLAT PLATE KEEL.....

(U Bar Keel, state thickness)

Canoe or A Strake

B

C

D

E

F

U.D. Sheer

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

Thickness of Sheerstrake

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DBLG. of Flat Plate Keel

Sheerstrakes

Length and thickness.

POOP SIDES.....

SHORT BRIDGE SIDES.....

FORECASTLE SIDES.....

Edges.

Butts.

Ordinary or joggled?

Single or Double.

Breadth of Lap.

Diam.

Spacing or to cr.

Double or Triple and for what length.

Rivets.

Diam.

Spacing or to cr.

Straps.

Breadth.

Thickness.

Length.

For what length.

shell butts including keel plate butts treble to double riveted

landings double riveted throughout

sheerstrake butts quad. to treble riveted

FRAMES extend in one length from margin to Upper & Raised A. D.K.

REVERSED FRAMES on floors and frames extend from

State if ordinary or joggled ordinary.

State if ordinary or joggled

MASTS, SPARS, &c.

Material.

Total Length.

DIAMETER AND THICKNESS.

At Partners.

Heel.

Rounds.

Heel.

No. of Plates Inround.

ANGLES.

Number.

Size.

Seams.

RIVETING.

Butts.

LOWER MAST.

Fore

Main

Mizen

Bowsprit

Topmast, Yards and Remainder of spars

Rigging, Material and Size, Shrouds

Stays

Sails.

Suit of

Sails, and the following spare sails

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING NO.				FOR TRAWLERS.			
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE XI.		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
5356	1st Bower ...	25	2	✓	25	2	✓	2	13	3	-	-	-	-	-	-	10/6/08		
5356	2nd "	25	2	✓	"	"	✓	2	10	-	-	-	-	-	-	-	10/6/08		
3357	3rd "	25	1	✓	"	"	✓	2	19	1	14	-	-	-	-	-	10/6/08		
	4th "																		
	Collective weight.	4	✓									90	-	-					
33420	Stream	7	3	-	1	2	7	9	18	0	14	1			brammy		10/6/08		
33421	Kedge.....	3	3		3	23		6	3	0	14	4							

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date of Test.

1st Bower.
2nd "
3rd "
4th "

RETAIN

CHAIN CABLES.										HAWERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table III.		Description.		Makers of Cable.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table III.	
		Fathoms.	Inch.	Status.	Break- ing.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Inch.							Fathoms.	Inch.	Tons.	Fathoms.	Inch.	
33990	205	152	1 1/2	lit	✓	58.7	234	1	26	240	19	Steel cable	Gt. Lipton	10/6/08			TOWLINE	40	3/4				
																	HAWERS & WARPS	40	90	6"			
																		22	90	2 1/2			
																		12	90	2 1/2			
																		12	60	2 1/2			

Boats 2 new life boats fitted
Pumps Number
Windlass is driven by Emerson Walker & Co
Engine Room Skylights—How constructed? Steel plates & angles What arrangements for deadlights in bad weather?
Coal Bunker Openings.—How constructed? Built steel coverings How are lids secured? Battens & lashing Height above deck? 2'-8"
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Will do 25' 2 F.P. each side 32x23' B.O. 16' 7" min. in each side R.Q.O. 45'.
Ceiling in Holds, thickness and material 2 1/2" red pine Cargo Battens, thickness and material 7/8" pine 3 F.P. each side 32x23'
Cargo Hatchways.—How formed? steel coverings: crossship beams: fore & aft Matches, if strong and efficient? Yes
State size No. 1 Hatch (Forward) 21'-10" x 13'-3" No. 2 Hatch 29'-7" x 13'-3" No. 3 Hatch 6'-0" x 9'-11" No. 4 Hatch 29'-7" x 13'-3"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch N° 1-2 S.B.; 3 F.A. N° 2-3 S.B.; 3 F.A. N° 3-1 F.A.
N° 4-3 S.B.; 3 F.A.
Bulwarks, height above deck and description 4'-9" in Will do: 3'-0" B.D.; 3'-6 1/2" R&P Main Rail, material and size
The foregoing is a correct description. B.A. rail & steel plate.
Builder's Signature (here only) Surveyor's Signature Robert H. Macmillan.
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in every correspondence connected with the case)

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?
to plate, &c., conform well to each other?
from the faying surfaces?

Do any rivets break into or through the seams or butts of the plating?
Are the butts of Plating, Stringers, &c., properly shifted and labelled?
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? State results of tests
Have all the gateways been tested as required by the Rules (Sec. 26, par. 20)? State results of tests

General Remarks (State quality of workmanship, &c.)
This vessel has been put through a 40 lb pressure the hull & workmanship has been found in a satisfactory condition, & no indications shown of structural weakness

RETAIN

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ :
Special Survey Fee.... £ :
Travelling Expenses, if any £ :

Fees applied for,
Received by me,

Certificate to be sent to
Date of issue 27/4/11.

State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed
With, or without Freeboard, as condition of Class

Committee's Minute
Character assigned

FRIDAY MAR. 18 1921
100 A1 subject
Lloyd's & C.P.
s.s. No 3-221
LMC 2.21
TUE MAY 31 1921

Signed Xh (G)
A. T. Thomas & Robert H. Macmillan,
Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 75 ft., Bridge 98 ft., Forecastle 29 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~~ 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) 1 Deck: 1 tier of Beams.

Official No. 145059; Signal Letters

State if Machinery is fitted aft

no

How are the surfaces preserved from oxidation? Inside

Coated with paint

Outside coated with paint

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,	49.5	81.10	Fore peak tank,	19	67
Double bottom, under Engines and Boilers,	31.5	72.44	After peak tank,	12	27
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	97	206.75	Other tanks, if fitted,		
	Total capacity of double bottom	360.29	(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.

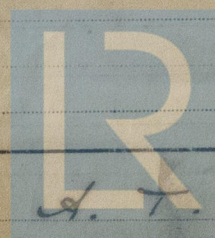
Order for Special Survey No.

Date

No. in builder's yard.

DATES of Surveys held while building

Surveyor's Signature



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Total No. of Visits