

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London WFO. EMAR. 1974

Date of completion of report

Survey held at *Port Glasgow*

Date, First Survey

25th January, 1924

Last Survey

22nd February, 1924

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

Single Screw 3MST SR

Port of

Glasgow

No.

18174

TONNAGE under

531.7

Tonnage Deck...

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

Total under Upper Dk.

531.7

Do. of Poop.

101.65

Do. of R.Q. Dk.

20.23

Do. of Bridge House

14.88

Do. of Houses on Dk.

12.38

Do. of excess of Hatchways

29.77

Do. above Crown of Engine Room

28.76

Gross Tonnage

743.29

Less Crew Space

36.47

Less above Crown of Engine Room

344.63

Tonnage for Pass.

33.63

Register Tonnage as cut on Beam

328.56

CLASS *100A1*

FEET.

Master

Year of appointment

(1) As Master in service of owner of present vessel—19
(2) As Master of this vessel—19

Built at

Slidrealt

When built

1920

Launched

By whom built

N.V. Schepel v/h T. Redulof

Owners

W. Robertson

Managers

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

Residence

45 West Hill St.

Port belonging to

Glasgow.

Destined Voyage

Coasting.

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
180	0		28	0		12	4		One	
Moulded depth, ft. 18 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 7 ins.										

FRAMING.				PILLARS.			
INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP	INCHES IN SHIP
QUARTER DECK	7 1/2	3	40	PILLARS In 'tween Deck, size and spacing	4	Angle built pillars at	
ME, Angles, or Bars amidships	6	3	36	" " Hold	"	Hatch corners & under	
in peaks	4 1/4	3	36	" " Quarter 'tween Dks.,	"	Break Bulkhead.	
in way of Double Bottoms at Solid Floors	3	3	30	" " in Hold	"	Double B. Angle Bolter	
" " at intermdt. Bkts.	5 1/8	3	36			as per Local Section.	
of Frames from centre to centre amidships	23 1/4			KEELSONS & STRINGERS.			
" " length to Collision bulkhead				CENTRE LINE KEELSON, Vertical Plates above	32	46	
in peaks				" " Through Plate, or Intercoastal Plate	23	36	
ES IN ENGINE & BOILER SPACE (ANG)	5 1/2	3	36	" " Rider Plate, ON FLOORS	3 1/2	3 1/2	40
USED FRAME, Angles	5	3	38	" " Flat Plate Keel Angles			
in way of Double Bottoms at Solid Floors	2 1/2	2 1/2	30	" " Horizontal Plates on Floors			
" " at intermdt. Bkts.	4	3	35	" " Angles or Bulb Angles	4	3	36
ING, depth of girder				" " SIDE KEELSONS, Number TWO			
IS, depth and thickness of Floor Plate			14	" " Angles or Bulb Angles	4	2 3/4	34
at mid-line				" " Plate above floors, for length			
in way of Engine and Boiler Spaces	ES	BS	42	" " Intercoastal Plate, for FULL length			
thickness at the ends of vessel			30	" " Attached to outside Plating with Angle	3	2 3/4	34
depth at 1/2 the half breadth, as per Rule	LEVEL ACROSS.			" " BILGE KEELSON, Angles			
height extended at the Bilges	34" & 43"			" " Intercoastal Plate for length			
IS in Cell. Double Bottoms			30	" " Attached to outside Plating with Angle			
state if flanged (top & bottom)	NOT FLANGED.			" " SIDE STRINGERS, Number ONE, FOR SPACES			
Spacing of Solid floors	EVERY 3RD FRAME			" " Angle			
FORMED OF 1/2 LTH.	EVERY FRAME.			" " Intercoastal Plate, for FULL length	34	46	
EG GIRDER, in Dbl. bottom, dpth. & thickness	32		35	" " Attached to outside plating with Angle	3	3	46
" " Angles, Top	DOUBLE	3	3	Upper Deck Stringer Plate, br'dth & thickness	48	46	
" " Bottom	3 1/2	3 1/2	40	" " (clear of Bridge)			
" " to Floors	SINGLE	2 1/2	2 1/2	" " br'dth & thickness			
Brackets at intermdt. frmg., wdth & thkns	20		30	" " (in way of Bridge)	3 1/2 x 3 1/2	46	
ORDERS, number on each side & thickness	1	2	29	" " Angle (clear of Bridge)			
" " state if flanged (top and bottom)	NOT FLANGED.			" " Tie Plates at sides of Hatchways			
" " Angles (top and bottom)	3	2 1/2	30	" " Deck, * Iron or Steel, for FULL lng.			30
" " to Floors	2 1/2	2 1/2	30	" " Thickness (clear of Bridge)			
N PLATE, depth (exclusive of flange)	30		34	" " (in way of Bridge)			
and thickness	3	3	36	" " Wood Deck, Material & thickness	NIL.		
" " Angle to Outside Plating	2 1/2	2 1/2	32	QUARTER Deck Stringer Plate, br'dth & thickness	45	46	
" " Floors	18		30	" " Angles on ditto, No. ONE	3 1/2 x 3 1/2	46	
Brackets at intermdt. frmg., wdth & thkns	12"			" " Tie Plates outside Hatchways			36
Height of Outside Brackets above at bilge				" " Deck, * Iron or Steel, for FULL lng.			30
BOTTOM PLATING, breadth and thickness of Middle Line Strake	65		36	" " Wood Deck, Material & thickness	NIL.		
" " in Engine and Boiler space				Third Deck Stringer Plate, br'dth & thickness			
" " Remainder in Holds			31	" " Angles on ditto, No.			
Upper Deck, Single Angle, Bulb	5	3	40	" " Tie Plates, outside Hatchways			
Angle, Plate, Tee Bulb, or Channel				" " Deck, * Material and thickness			
In way of Long Bridge				Fourth and Fifth Deck Stringer Plate, breadth & thickness			
Spacing	EVERY FRAME			" " Angles on ditto, No.			
Second Deck, Single Angle, Bulb	5	3	40	" " Tie Plates outside Hatchways			
Angle, Plate, Tee Bulb, or Channel				" " Deck, Material & thickness			
Spacing				Poop Deck Stringer Plate, breadth & thickness			
Third and Fourth Deck, Single Angle, Bulb				" " Angle on ditto			
Angle, Plate, Tee Bulb, or Channel				" " Tie Plates			
Angles on upper edge				" " Deck, Material and thickness			
Spacing	EVERY FRAME			SHORT. Bridge Deck Stringer Plate, br'dth & thickness	27	28	
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Angle on ditto	3 x 3	28	
Angles on upper edge				" " Tie Plates	7 1/4	28	
Spacing				" " Deck, Material and thickness	2 1/2 P.P.		
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	40	Forecastle Deck Stringer Plate, br'dth & th'kns	18	30	
Angles on upper edge				" " Angle on ditto	2 3/4 x 2 3/4	32	
Spacing	EVERY FRAME			" " Tie Plates	18	28	
Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 3/8	3	56	" " Deck, Material and thickness	2 1/2 P.P.		
Angles on upper edge							
Spacing	ALT FRAMES.						

[illegible]

EQUIPMENT No. 8430				LETTER J				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchors.	WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT, BROKEN-DOWN.		Description of Anchor.	Makers.	Where and when tested and Superintendent.					
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
15192	1st Bower ...	17	3	0	Stockless		18	16	0	0	14	3	0	Bread-naught	S Taylor & Son	Cardiff 3-11-23 S.V. Surveyor Capt V. Sargant	
15193	2nd " "	14	2	7	"	"	16	2	0	0	14	2	7	"	"	Cardiff 5-11-23 Capt V. Sargant	
53112	3rd " "	14	1	21	"	"	15	19	0	7	14	1	21	"	"	Cardiff 5-11-23 Capt V. Sargant	
	4th " "															S.V. Sargant	
	Collective weight.	46	3	0					46	3	0						
32175	Stream	6	0	10	1	2	10	8	7	2	0	6	0	10	Ordinary	Not Stated	Cardiff 26-8-19. S.V. Surveyor Capt V. Sargant
32176	Kedge.....	3	0	8	-	3	6	5	12	0	21	3	0	8	"	"	Cardiff 26-8-19. S.V. Sargant.
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.														1st Bower 2nd " 3rd " 4th "			
CHAIN CABLES.																	
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size supplied.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Twines.	Length and Size per Table 31.					
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms. Ins.					Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.					
5881 (ov)	12 1 1/2	23 1/2	42 1/2	12-1-21	168-0-0	210 1 1/2	Steel Cable S. Taylor & Son	Cardiff 24/12/23	POWLINE { Spring	75 2 1/2	16 1/2	75 2 1/4					
5882 (ov)	15 "	"	"	12-1-0	"	"	"	Cardiff 3-11-23	HAWKERS & WARPS	90 5	16 1/2	90 6					
5883 (ov)	155 "	"	"	12-0-0	"	"	"	Cardiff 24/12/23	"	2890 5	"	90 4					
3866	210 Cir.	"	"	12-1-21	"	"	"	Cardiff 24/12/23	"	2d 60 5"	"	"					
Inson Stream (Chain Wire)	73 3	18-0		175-1-14		60 3'	G.S.K.		"	1290 2 1/4	9 1/2						
Boats 2 Lifeboats & 1 Sig. Steering Gear, Steam by Tractor. Reelby Steering Gear, Hand by (broken not true) Pumps, Number 4 in hold & 1 h fuse back flat Diameter of Barrel 4 1/2 x 1 1/2 State whether they are in efficient working order Yes. Windlass is steam by (broken not known) Capstan Steam by (broken not known) Engine Room Skylights.—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Strong glass in steel plate. Coal Bunker Openings.—How constructed? Steel plates & angles. How are lids secured? Topaulin's slippers Height above deck? 1 ft 6 in. Ceiling in Hold, thickness and material 2 1/2" H. Pine Cargo Battens, thickness and material 2" W. Pine Cargo Hatchways.—How formed? Steel plates & angles. Hatches, If strong and efficient? Yes. Solid State size No. 1 Hatch (Forward) 24'1" x 15'6" No. 2 Hatch 24'1" x 15'6" No. 3 Hatch ✓ No. 4 Hatch ✓ Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 webs in each hatch. No. of Breasthooks One & Deep Floor. No. of Crutches Deep Floors. Bulwarks, height above deck and description 65" Steel plate with 6 x 3/8" Stays Main Rail, material and size 6 1/2 x 2 1/2 x 50 Ipgash Section The foregoing is a correct description. Surveyor's Signature Robert Dunsommit. Surveyor to Lloyd's Register of Shipping. Builder's Signature (here only)																	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) <i>No. 24. 1-2-24; 15-1-24; 30-1-24; 1-2-24;</i>																	
Workmanship. Are the butts of plating planed or otherwise fitted? Planed. Is the riveted work properly closed? Yes. Are the liners between the frames and plates solid single pieces? Yes. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes. Do any rivets break into or through the seams or butts of the plating? A very few. Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes. 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 gutterways been tested as required by the Rules (Sec. 26, par. 20)? State results of tests																	
General Remarks (State quality of workmanship, &c.) Workmanship good. <i>This vessel was built under survey of Bureau Veritas & classed with that Society. The vessel has now been examined & scantlings as per Approved Leadship Section verified. The Parting Arrangements & Strengthening of bottom forward have been made satisfactory. The Pillaring throughout, construction of bulkheads & forecabin, & scarfing & strengthening at break of Forward Quarter Deck are satisfactory. The particulars could be obtained regarding the testing of steel used in the construction of the vessel.</i> <i>The Approved Leadship Section & General arrangement Profile & Decks are forwarded herewith.</i>																	
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 £ : : Fees applied for, 19 Special Survey Fee £ : : Received by me, 19 Travelling Expenses, if any £ : : State whether the Vessel has been built under Special Survey No. I am of opinion this Vessel should be Classed 100 H With, or without Freeboard, as condition of Class Without Robert Dunsommit. Surveyor to Lloyd's Register of Shipping.																	

GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 107.0 ft., Bridge 11.6 ft., Forecastle 20.7 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) 108 (STL).

Official No. 141944; Signal Letters _____ State if Machinery is fitted aft ☒ YES.

How are the surfaces preserved from oxidation? Inside BY CEMENT & PAINT. Outside BY PAINT

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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		13.25
Double bottom, if under Engines only,			Deep tank, aft,		2.0
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	102.8	180	Other tanks, if fitted,		
	Total capacity of double bottom	180	(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. ☒ in builder's yard.

DATES of Surveys held while building

1924. January 25. 28. 30. 31. February 1. 4. 5. 6. 8. 11. 14. 15. 18. 20. 22.

Total No. of Visits 15.

Surveyor's Signature Robert Dunsmuir

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