

winning or Shelter Deck,
or Pt. Awning Deck.

MOTOR VESSEL STEEL STEAMER.

No. 40302
WED. SEP. 1 1920

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

Date of completion of Report *24th August 1920* Received at London Office
Date, First Survey *17th June 1919* Last Survey *19th August 1920* (63 months)

of *Glasgow* Date of completion of Report *24th August 1920* Received at London Office
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held at *Glasgow* Date of completion of Report *24th August 1920* Received at London Office
Date, First Survey *17th June 1919* Last Survey *19th August 1920* (63 months)

the (State if Single, Twin, or Triple Screw) *Glasgow* Date of completion of Report *24th August 1920* Received at London Office
Date, First Survey *17th June 1919* Last Survey *19th August 1920* (63 months)

NAME under Tonnage Dk. and Awning Dk. *6510-23* CLASS *100A1* Awning Deck with *100A1*
between Tonnage Dk. and Awning Dk. *2028-88* Breadth (greatest moulded) *62-0*
under Upper Dk. *8539-11* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *38-66*

of Poop *145-79* Deduct height of 'tween deck when this does not exceed 8ft. *8-0*
of R. Q. Dk. (Chart House) *7-48* Transverse Number *92-66*
of Bridge House *257-25* Length on deck from fore part of stem to after part of sternpost *485*
of Houses on Deck *46-28* Longitudinal Number *44940-6*
of excess of Hatchways *494-21* Depth "d" at middle of length. See Secs. 2 & 18 *16-33*
above Crown of Engine Room *25-28* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *13-7*

Loss Tonnage *9518-40* Destined Voyage *London to Glasgow* If Surveyed while Building, Afloat, or in Dry Dock *yes*
Crew Space *444-45* Managers *London*
above Crown of Engine Room *9068-95* Residence *London*
ENGINE ROOM *3044-29* Port belonging to *London*
Navigation Spaces *144-49*
Register Tonnage *5899-87*

LENGTH on Deck as per Rule *485* BREADTH Moulded *62* Do. *0* DEPTH, ACTUAL Top of Floors to top of Awn. or Shelter Dk. Beams *35-8* Ins. *10* No. of Decks with flat laid *2*
Do. Upper Deck Beams *30* Ins. *9* No. of Tiers of Beams *12*

Dimensions of Ship per Register, Length *485-8* breadth *62-3* depth *27-8* Awn. or Shelter Dk. Moulded depth, ft. *38* ins. *9* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *12* ins.

FRAMING. RAME, Angles, or Bars, amidships *9-48 3/4 3/4 55 9-48 3/4 3/4 55*
Do. in peaks *8 3/4 46 8 3/4 46*
Do. in way of Double Bottoms at Solid Floors *8 3/4 46 8 3/4 46*

Spacing of Frames from centre to centre amidships *30"*
length to collision bulkhead *30"*
of Frames from centre to centre in peaks *30"*

EVERSED FRAME, Angles *3 1/2 3 1/2 50 3 1/2 3 1/2 50*
Do. in way of Double bottoms at Solid Floors *3 1/2 3 1/2 46 3 1/2 3 1/2 46*

FRAMING, depth of girder *9"*
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships *30"*
in way of Engine and Boiler spaces *30"*
thickness at the ends of vessel *30"*
depth at 1/2 the half-bdth. as per Rule *30"*
height extended at the Bilges *44"*

LOORS, in Cell Double Bottoms *44"*
state if flanged (top and bottom) *30"*
spacing of Solid *30"*

ENTRE GIRDER, in Dbl. bottom, dpth. & thickness *44"*
Angles, Top *3 1/2 3 1/2 54 3 1/2 3 1/2 54*
Bottom *4 1/2 4 1/2 70 4 1/2 4 1/2 70*
to Floors *3 1/2 3 1/2 46 3 1/2 3 1/2 46*
Brackets at intermdt. frmg. with thickness *44"*

IDE GIRDERS, number and thickness *44"*
state if flanged (top & bottom) *30"*
Angles *3 1/2 3 1/2 46 3 1/2 3 1/2 46*

MARGIN PLATE, depth (exclusive of flange) and thickness *44"*
Angles to outside plating *3 1/2 3 1/2 46 3 1/2 3 1/2 46*
to floors *3 1/2 3 1/2 46 3 1/2 3 1/2 46*
Brackets at intermdt. frmg. with thickness *44"*

NER BOTTOM PLATING, breadth and thickness of Middle Line Strake *44"*
thickness in Engine and Boiler space *44"*
Remainder in Holds *44"*

BEAMS, Awn. or Shelter Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Spacing *30"*

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Spacing *30"*

BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *44"*
Angles on upper edge *30"*

GENERAL REMARKS—(continued).

- Cables -

Number of Certificate	Length and Size Supplied		Test per Certificate		Weight of Chain Cable		Length and Size per Table 30 or 31		Description	maker of Cable	When tested and Where
	Length	Diam	St. Y	Breaking	Supplied	Per Table 30 or 31	Length	Diam			
68373	120	2 9/16	116 1/10	163 3/8	397.0.8				Steel links	H. Hingley & Sons Ltd.	Neth. 24.1.1924
68380	120	"	"	"	398.3.20				"	"	" 31.1.19
69022	30	"	"	"	98.3.13	989.0.0	300	2 9/16	"	"	" 3.2.20
68614	15	"	"	"	53.3.5				"	"	" 6.5.19
68615	15	"	"	"	53.0.6				"	"	" 6.5.19
Total	300	2 9/16	Total		1001.2.24	989.0.0	300	2 9/16			

Cargo space (notation for Register Book:- Cargo battens not fitted in Bridge and Forecastle.)

The deep tank of this vessel with the exception of the shell is still intact, the Builders had this tank refilled with salt water when the vessel got down the river to the Firth of Clyde but when the writer examined it there, there was still some slight leaks and it was arranged to complete the work at Middlesbrough where the vessel is bound for.

The top plating of the oil fuel tank between the tunnels of this vessel has been increased in thickness under the hatchways and conforms to the Rules. The Owners representative states however that he proposes to fit ceiling in way of the same at Middlesbrough if time permits him to do so.

Just before the vessel sailed from Glasgow she sustained damage in way of the fore peak tank, Starboard side, above the light water line when a shell plate was slightly indented and afterwards drawn out, and a few rivets in close proximity to same removed. As the damage was sustained the night before the vessel sailed no opportunity was given for us to examine same and it was arranged to do so at Middlesbrough. The Middlesbrough Surveyor has been advised 17 plans including midship section as built & 10 forging forms forwarded herewith.

Please return the approved plans on account of the sister vessels now building.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.0 ft., R.Q.D. ft., Bridge 152.5 ft., Forecastle 58.0 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 should appear in the Register Book). 2 Dks (steel) and Aisling deck 0ft.

Official No. 144217; Signal Letters State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside Paint and Cement Outside 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,	125	358	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	55	310	Deep tank, aft,	30	706
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	241.5	999	Other tanks, if fitted,		
Total capacity of double bottom		1667	(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. 5266 Date 30.6.1919 No. 5026 in builder's yard.

DATES OF SURVEYS held while building (1919) Jan 17, 20 Sep 5, 9, 17 Oct 20 Nov 13 Dec 1 (1920) Jan 15, 21, 22, 23, 27 Feb 2, 5, 4, 11, 16, 19, 20, 24, 27 Mar 1, 4, 10, 12, 15, 16, 17, 19, 23, 26, 29, 30 Apr 8, 12, 20, 23 May 3, 12, 18, 24 Jun 2, 18, 21, 24, 28 July 5, 30, 31 Aug 2, 3, 6, 9, 10, 11, 16, 17, 19

Surveyor's Signature Geo. M. Shaw

