

With ~~or Without~~

STEEL STEAMER.

Received at London Office

18.22.1918

Disconnected Erections.

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

Date of completion of report *19th March 1918*
Survey held at *Belfast*

Port of *Belfast*
Date, First Survey *21st September 1917* Last Survey *14th March 1918*

No. *7925*

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

Steel Screw Steamer "WAR VIPER"

Rig *one masted mast*

TONNAGE under

Tonnage Deck...

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

Total under Upper Dk. *4739.24*

Do. of Poop *167.81*

Do. of R. & Dk. *5.24*

Do. of Bridge House *17.32*

Do. of Hatchways *125.63*

Do. of Engine and Boiler Spaces *79.14*

Do. of Deck *20.99*

Do. of Hull *5160.01*

Do. of Superstructure *241.87*

Do. of Deck *20.99*

Do. of Hull *1651.20*

Do. of Superstructure *144.71*

Do. of Deck *3122.23*

Do. of Hull *1651.20*

Do. of Superstructure *144.71*

CLASS *100 A1*

FEET.

Breadth (greatest moulded) *52.00*

Depth, at middle of length from top of keel to top of upper deck beams at side *31.00*

Transverse Number *83.00*

Length on deck from fore part of stem to after part of stern post *400*

Longitudinal Number *33200*

Depth "d," at middle of length (See Secs. 2 & 13) *18.40*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.90*

Long Bridge Deck Beam at side to top of keel *10.25*

Master *J. Wilson*

Year of appointment

Built at *Belfast*

When built *1918* Launched *14th July 1918*

By whom built *Harland & Wolff Ltd.*

Owners *The Shipping Controller*

Managers *J. Wilson*

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

Residence

Port belonging to *London*

Destined Voyage *not known* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
Do. between Tonnage Dk. and 3rd and 4th Dk.	400	0	Moulded	52	0	Do. do. do. do.	Second Dk. Beams	25	6	2
Do. of Poop										
Do. of R. & Dk.										
Do. of Bridge House										
Do. of Hatchways										
Do. of Engine and Boiler Spaces										
Do. of Deck										
Do. of Hull										
Do. of Superstructure										

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or L Bars amidships	10	3 1/2	4 1/2	10	3 1/2	4 1/2	PILLARS, In 'tween Deck, size and spacing	2 1/8 x 3 1/2	2 1/8 x 3 1/2	2 1/8 x 3 1/2	2 1/8 x 3 1/2	2 1/8 x 3 1/2	2 1/8 x 3 1/2
Angles, or L Bars amidships	8	3	3 1/2	8	3	3 1/2	" " Hold	5 1/2 x 3 1/2	5 1/2 x 3 1/2	5 1/2 x 3 1/2	5 1/2 x 3 1/2	5 1/2 x 3 1/2	5 1/2 x 3 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " Quarter 'tween Dks., " "	one built pillar in 'tween of each hatch					
Angles, or L Bars amidships	9	3 1/2	4 1/2	9	3 1/2	4 1/2	" " in Hold	+					
Angles, or L Bars amidships	20			20			KEELSONS & STRINGERS.						
Angles, or L Bars amidships	20			20			CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate						
Angles, or L Bars amidships	24			24			" Rider Plate						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Flat Plate Keel Angles						
Angles, or L Bars amidships	8	3	3 1/2	8	3	3 1/2	" Horizontal Plates on Floors						
Angles, or L Bars amidships	10			10			" Angles or Bulb Angles						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" SIDE KEELSONS, Number						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angles or Bulb Angles						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Plate above floors, for length						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Intercoastal Plate, for length						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Attached to outside plating with Angle						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" BILGE KEELSON, Angles						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Intercoastal Plate, for length						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Attached to outside plating with Angle						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" SIDE STRINGERS, Number						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " Angle						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Intercoastal Plate, for length						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Attached to outside plating with Angle						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	80	1 1/2	80	1 1/2	80	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " " " br'dth & thickness (in way of Bridge)	80	1 1/2	80	1 1/2	80	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " " " Angle (clear of Bridge)	6 x 6	1 1/2	6 x 6	1 1/2	6 x 6	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " " " Tie Plate at sides of Hatchways						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck * Iron or Steel, for full length	4 1/2	1 1/2	4 1/2	1 1/2	4 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " Thickness (clear of Bridge)	4 1/2	1 1/2	4 1/2	1 1/2	4 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " (in way of Bridge)	4 1/2	1 1/2	4 1/2	1 1/2	4 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Wood Deck, Material & thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Second Deck Stringer Plate, br'dth & thickness	62	1 1/2	62	1 1/2	62	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angles on ditto, No. 2	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates outside Hatchways						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck * Iron or Steel, for full length	40	1 1/2	40	1 1/2	40	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " Thickness (clear of Bridge)	40	1 1/2	40	1 1/2	40	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" " (in way of Bridge)	40	1 1/2	40	1 1/2	40	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Wood Deck, Material & thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Third Deck Stringer Plate, br'dth & thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angles on ditto, No. 2						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates outside Hatchways						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck * Material and thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Fourth and Fifth Deck Stringer Plate, br'dth & thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angles on ditto, No. 2						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates outside Hatchways						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck * Material and thickness						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Poop Deck Stringer Plate, breadth & thickness	35	1 1/2	35	1 1/2	35	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angle on ditto	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck, Material and thickness	25	1 1/2	25	1 1/2	25	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Bridge Deck Stringer Plate, br'dth & thickness	55	1 1/2	55	1 1/2	55	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angle on ditto	6 x 6	1 1/2	6 x 6	1 1/2	6 x 6	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck, Material and thickness	34	1 1/2	34	1 1/2	34	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Forecastle Deck Stringer Plate, br'dth & thickness	35	1 1/2	35	1 1/2	35	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Angle on ditto	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2	3 1/2 x 3 1/2	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plates						
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck, Material and thickness	34	1 1/2	34	1 1/2	34	1 1/2
Angles, or L Bars amidships	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2							

[illegible]

EQUIPMENT No. 34339										LETTER "C"										ANCHORS.										TONNAGE U. DK. OR PLATING No. FOR TRAWLERS.																																																																																																																																																																																																																																																																																																																																																																																	
Number of Certificate.		Anchors.		WEIGHT, PER CERTIFICATE.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.																																																																																																																																																																																																																																																																																																																																																																																															
12022		1st Bower		61 2 0		37 3 0		49 4 0		60 0 0		Stokess Bayes Patent		S. Taylor & Sons		Cardiff 31.12.17. Pen.																																																																																																																																																																																																																																																																																																																																																																																															
12020		2nd "		61 0 0		34 3 0		48 18 0		60 0 0		"		"		"																																																																																																																																																																																																																																																																																																																																																																																															
12021		3rd "		54 1 0		33 1 0		44 18 0		50 2 0		"		"		"																																																																																																																																																																																																																																																																																																																																																																																															
12022		4th "		"		"		"		"		"		"		"																																																																																																																																																																																																																																																																																																																																																																																															
12023		Collective weight.		176 3 0		"		"		170 3 0		"		"		"																																																																																																																																																																																																																																																																																																																																																																																															
12024		Stream		16 2 14		4 1 14		17 18 0		16 1 0		Ordinary.		S. Taylor & Sons		Cardiff 31.12.17. Pen.																																																																																																																																																																																																																																																																																																																																																																																															
12025		Kedge		see Letter		dated 10/8/17		"		"		"		"		"																																																																																																																																																																																																																																																																																																																																																																																															
Particulars of Drop Test of Cast Steel Anchors, viz.:- Weight, Surveyor's Initials, Number of Anchor, Date of Test.										1st Bower 34.3.9. RWD. 1834. 16th Oct 1917. 2nd " 35.1.19. RWD. 1829. 15th Oct 1917. 3rd " 28.1.7 DDW 873 23rd Oct 1917. 4th " "																																																																																																																																																																																																																																																																																																																																																																																																					
CHAIN CABLES.										HAWERS AND WARPS.																																																																																																																																																																																																																																																																																																																																																																																																					
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire.		Length and Size per Table 31.																																																																																																																																																																																																																																																																																																																																																																																									
20040 A.		210 2 3/4		120 5 10-2-21		210 2 3/4		210 2 3/4		Steel		S. Taylor & Sons		Cardiff 28.12.17		TOWLINE		120 4 3/4		120 4 3/4		120 4 3/4																																																																																																																																																																																																																																																																																																																																																																																									
Iron Stream Chain or Steel Wire		90 4 1/4		40 4 1/4		40 4 1/4		90 4 1/4		R.P. Howell & Sons		Cardiff 28.12.17		HAWERS & WARPS		90 2 3/4		90 2 3/4		90 2 3/4		90 2 3/4																																																																																																																																																																																																																																																																																																																																																																																									
Boats 2 Life Boats, 2 Cutters		Pumps, Number 1 to 4		Windlass is Emerson Walker & Co. patent chain direct		Engine Room Skylights. How constructed? Steel Plates & angles		Coal Bunker Openings. How constructed? Steel Plates & angles		Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 10 Scuppers each side 6 Ports each side 56" x 18"		Ceiling in Holds, thickness and material 2 1/2" Pine over timbers only		Cargo Battens, thickness and material 6" x 2 1/2" Pine between & across		Cargo Hatchways. How formed? Steel Plates & angles		State size No. 1 Hatch (Forward) 32' 8" x 26' 0"		No. 2 Hatch 34' 8" x 26' 0"		No. 3 Hatch 34' 8" x 26' 0"		No. 4 Hatch 30' 4" x 26' 0"																																																																																																																																																																																																																																																																																																																																																																																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 6 webs 24" x 38" in Nos 1 & 2, 4 webs 24" x 38" in Nos 3 & 4		No. of Breasthooks 4		No. of Crutches 4		Bulwarks, height above deck and description 3' 9" x 30" H. S. S. 8' x 3" x 38" S.S.		Main Rail, material and size 8' x 3" x 38" S.S.		Steering Gear, Steam Engine 4 H.P.		Steering Gear, Hand Relieving Tackle		State whether they are in efficient working order Yes		Capitan		Hatches, If strong and efficient? Yes		Hatches, If strong and efficient? Yes		Hatches, If strong and efficient? Yes		Hatches, If strong and efficient? Yes																																																																																																																																																																																																																																																																																																																																																																																							
The foregoing is a correct description.										Builder's Signature (here only) For HARLAND & WOLFF Ltd. CHATELAIN										Surveyor's Signature J. Kendall										Surveyor to Lloyd's Register of Shipping.																																																																																																																																																																																																																																																																																																																																																																																	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)										M 27/3/17. 12/4/17. 25/4/17. 18/5/17. 16/7/17. 10/8/17. 22/10/17. 20/11/17. E 27/9/17. M 30/12/17. 5/10/17. 10/8/17. 9/1/17.										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? Yes										Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes										Do any rivets break into or through the seams or butts of the plating? 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)? Yes										State results of tests satisfactory										Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes										State results of tests satisfactory										General Remarks (State quality of workmanship, &c.)										This vessel has been built in accordance with the plans approved by the Committee the Surveyor's letters of the above-mentioned dates and in other respects in general conformity with the Rules and the materials & workmanship are good throughout										The keel was sighted before launching & found straight										The special arrangements to enable the double bottom to be used for carrying oil fuel with flash point above 150° Fahr. have been fitted in this vessel										The inner surface of the bottom plating has been cemented in accordance with the letter of the Deputy Controller dated 12/6/17										The copies of Midship Section, Profile & Pumping Plan are enclosed herewith together with four forging reports; kindly return the three plans to this office for reference in dealing with the sister vessels.										No. 534. S.S. "Har Pythor" Belfast F.E. Regt No. 7905										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.										Fees applied for, 18-3 19-8										The amount of Entry Fee £ 18-3 19-8										Special Survey Fee £ 22-0 0										Travelling Expenses, if any £ 30-0 19-8										Received by me. 1-5-18										Certificate to be sent to this Office										Date of issue 1/5/18										State whether the Vessel has been built under Special Survey Yes										I am of opinion this Vessel should be Classed 100 A 1										With, or without Freeboard, as condition of Class without										Committee's Minute										TUE. MAR. 26 1918.										Character assigned 100 A 1										Lloyd's A & C P										+ L.M.C. 3.18 J. S.										Surveying Oil Fuel I.P. above 150° in S.B.										Lloyd's Register of Shipping										TUE. 9-APR									

GENERAL REMARKS—(continued).

AMES.
Body, No
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B. Space
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Body, N
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.25 ft., R.Q.D. ft., Bridge 112.7 ft., Forec

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
should appear in the Register Book) 2 Dks (CH)
Official No. 142323; Signal Letters State if Machinery is fitted aft no
How are the surfaces preserved from oxidation? Inside Paint & Portland Cement Outside 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,	126	380	Fore peak tank,		
Double bottom, under Engines and Boilers,	39	151	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	180	592	Other tanks, if fitted,		
	Total capacity of double bottom	1123	(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. 620

Date 27.3.14.

No. 531 in builder's yard.

DATES OF SURVEYS
held while building

1917. Sept. 21-25. Oct. 2-5-9-16-17-22-24-30-31. Nov. 2-7-12-14-20. Dec. 12-13-14
1918. Jan. 3-8-11-14-17-21-25-29-31. Feb. 7-12-14-20-22-27-28. Mar. 4-9-11-13-14

Surveyor's Signature

St. Mendall

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Foundation