STANDARD "D."

With ~~or Without~~ Disconnected Erections.

STEEL STEAMER

Received at London Office TUE 6-11-1918

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

Date of completion of report 3.8.18. Port of Sunderland No. 27297

Survey held at Sunderland Date, First Survey 13 Sep 17 Last Survey 26 July 1918

On the (State if Single, Twin, or Triple Screw) Stel Single Screw S.S. "WAR FIFE".

Rig None

CLASS 100 A1.

Master David Davis

Year of appointment (1) As Master in service of owner of present vessel:—1918 (2) As Master of this vessel JULY 1918

Built at Sunderland

When built 1918 Launched 30.5.18.

By whom built Irvine's S.P. Austin & Son Ltd.

Owners The Shipping Controller

Managers MacAndrews & Co. Limited.

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

Residence Suffolk House, London E.C.4.

Port belonging to London

		FEET.
TONNAGE under Tonnage Deck	1770.52	
Do. between Tonnage Dk. and 3rd and 4th Dk.	✓	
Total under Upper Dk.	✓	
Do. of Poop	71.99	
Do. of R.Q.Dk.	159.03	
,, of Bridge House	119.71	
,, of Forecastle	✓	
,, of Houses on Dk.	114.90	
,, of excess of Hatchways	125.98	
,, above Crown of Engine Room	✓	
Gross Tonnage	2362.13	
Less Crew Space	113.55	
,, above Crown of Engine Room	✓	
TONNAGE FOR FEES	2248.58	
Less Engine Room	755.88	
,, Navigation Spaces	141.62	
Register Tonnage	1351.08	
Grs cut on Beam		
Breadth (greatest moulded)		41.75
Depth, at middle of length from top of keel to top of upper deck beams at side		21.70
Transverse Number		62.95
Length on deck from fore part of stem to after part of stern post		284.6
Longitudinal Number		17915
Depth "d," at middle of length (See Secs. 2 & 13)		18.16
Proportions—Depths to Length—Upper Deck Beam at side to top of keel		13.42
,, ,, ~~Lang Bridge~~ RAISED QUARTER Deck Beam at side to top of keel		10.96

Destined Voyage not stated ‡ Surveyed while Building AND Afloat, ~~or in Dry Dock~~ UNDER SPECIAL SURVEY.

	Feet.	Inches.
LENGTH on Deck as per Rule	284	7¼
BREADTH—Moulded	41	9
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	19	0½
Do. do. do. do. Second Dk. Beams	R.QR —	—

No. of Decks with flat laid One

No. of Tiers of Beams One

Moulded depth, ft. 25 ins. 11½ To ~~Bridge~~ R.QR Dk. Round of Upper Dk. Beam, Actual 10½ ins.

Moulded depth, ft. 21 ins. 2½ To Upper Dk.

Dimensions of Ship per Register, Length 285.0 breadth 42.10 depth 19.10

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
FRAME, ~~Angles, or T or L~~ Bars amidships TO R.QR. DECK	9	3½	·44	9	3½	·44
	10	3½	·475	10	3½	·46
Do. in peaks	6	3	·38	6	3	·38
Do. in way of Double Bottoms at Solid Floors	3	3	·34	3	3	·34
,, ,, ~~at intermdt. Bkts.~~		✓			✓	
Spacing of Frames from centre to centre amidships		24			24	
,, ,, ,, ,, from ⅛ length to Collision bulkhead		24			24	
,, ,, ,, ,, in peaks		24			24	
REVERSED FRAME, Angles	IN DOUBLE BOTTOM ONLY					
Do. in way of Double Bottoms at Solid Floors	3×3×·34	·44 BS.		3×3×·34	·44 BS.	
,, ,, at intermdt. Bkts.	✓	✓	✓	✓	✓	✓
FRAMING, depth of girder		9"× 10"			9"× 10"	
~~**FLOORS,** depth and thickness of Floor Plate~~ at mid-line for ½ length amidships		Cellular Double Bottom.				
,, in way of Engine and Boiler Spaces						
,, thickness at the ends of vessel						
,, depth at ¾ the half breadth, as per Rule						
,, ~~height extended at the Bilges~~		✓	✓			
FLOORS in **Cell. Double Bottoms**		·34	·44 BS.		·34	·44 BS.
,, state if flanged (top & bottom)		NO			NO	
,, Spacing of Solid floors		24			24	
CENTRE GIRDER, in Dbl. bottom, dpth. & thickns.	36×·46	·56 BS.		36×·46	·56 BS.	
,, ,, Angles, Top ~~Single~~	6	6	·50	6	6	·50
,, ,, ,, Bottom ~~Single~~	6	6	·50	6	6	·50
,, ,, ,, to Floors SINGLE & DOUBLE IN E.R.B. SPACE	3×3×·34,	·44 B.S.		3×3×·34,	·44 B.S.	
,, ~~Brackets at intermdt. frmg., wdth & thkns~~	✓	✓	✓	✓	✓	✓
SIDE GIRDERS, number on each side & thickness	2 EA. SIDE	32, ·42 BS.		2 EA. SIDE	32, ·42 BS.	
,, ,, state if flanged (top and bottom)		NO			NO	
,, ,, Angles (top and bottom)	3×3×·34,	·44 BS.		3×3×·34,	·44 BS.	
,, ,, ,, to Floors	3×3×·34,	·44 BS.		3×3×·34,	·44 BS.	
MARGIN PLATE, ~~depth (exclusive of flange)~~ LEVEL and thickness		38	·44 BS		38	·48 BS.
,, ,, Angle to Outside Plating	3½	3½	·38	3½	3½	·38
,, ,, ,, Floors	3×3×	·34,	·44 BS.	3×3×	·34,	·44 BS.
,, ~~Brackets at intermdt. frmg., wdth & thkns~~	✓	✓	✓	✓	✓	✓
,, Height of Outside Brackets above at bilge		36½ - 39½			36½ - 39½	
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**	36×·50 FOR ⅛ LENGTH AMDSHIPS	·42 AFT		36×·50 FOR ⅛ LENGTH AMDSHIPS	·42 AFT	
,, ,, ,, in Engine and Boiler space	ES 1"·50,	BS. ·50		ES 1"·50,	BS. ·50	
,, ,, ,, Remainder in Holds		·50			·50	
BEAMS, Upper Deck, ~~Single Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8	3	·46	8	3	·46
,, ~~In way of Long Bridge~~ AT HOTCH ENDS	9	3½	·56	9	3½	·56
,, Spacing		24			24	
BEAMS, ~~Second~~ R.QR **Deck,** ~~Single Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8	3	·46	8	3	·46
,, Spacing		24			24	
~~**BEAMS, Third and Fourth Deck,** Single Angle~~ Bulb Angle, Plate, Tee Bulb, or Channel		✓			✓	
,, Angles on upper edge		✓			✓	
,, Spacing		✓			✓	
BEAMS, Poop Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	6	3½	·40	6	3½	·40
,, ~~Angles on upper edge~~		✓			✓	
,, Spacing		24			24	
BEAMS, Bridge Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	6	3½	·50	6	3½	·50
,, ~~Angles on upper edge~~	✓	✓	✓	✓	✓	✓
,, Spacing		24			24	
BEAMS, Forecastle Deck, ~~Angle,~~ Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8	3	·46	8	3	·46
,, ~~Angles on upper edge~~	✓	✓	✓	✓	✓	✓
,, Spacing		24			24	

PILLARS.

	Inches. Size in Ship	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing	2⅝	48	2⅝	48
,, ,, **Hold** ,, ,,	BKTS IN LIEU		BKTS IN LIEU	
,, **Quarter 'tween Dks.,** ,, ,,	"	"	"	"
,, ,, **in Hold** ,, ,,	"	"	"	"

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal 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						
,, Intercostal Plate, for length						
,, Attached to outside Plating with Angle						
BILGE KEELSON, ~~Angles~~ BULB		8	·40		8	·40
,, ~~Intercostal~~ Plate for 100'·0" length	☒	✓			✓	
,, Attached to outside Plating with Angle	3½	3½	·48	3½	3½	·48
SIDE STRINGERS, Number						
,, ,, Angle						
,, Intercostal Plate, for length						
,, Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	·76		50	·76	
,, ,, ,, br'dth & thickness (in way of Bridge)	50	·76		50	·76	
,, ,, ,, Angle (clear of Bridge)	6×6×	·52		6×6×	·52	
,, ,, ~~Tie Plate~~ at sides of Hatchways	PLATING INCREASED.					
,, Deck.* ~~Iron or~~ Steel, for FULL lng.		✓			✓	
,, ,, Thickness (clear of Bridge)	See Plan	·35				·35
,, ,, ,, (in way of Bridge)	·30-·60			·30-·60		
,, Wood Deck. Material & thickness	NO WOOD			DECK LAID		
~~Second~~ R.QR **Deck Stringer Plate,** br'dth & thickness	44	·56		44	·56	
,, Angles on ditto, No. ONE	6×6×	·50		6×6×	·50	
,, ~~Tie Plates~~ outside Hatchways	PLATING			INCREASED		
,, Deck.* ~~Iron or~~ Steel, for FULL lng.		·30				·30
,, Wood Deck. Material & thickness	NO WOOD			DECK LAID		
~~**Third Deck Stringer Plate,** br'dth & thickness~~						
,, Angles on ditto, No.						
,, Tie Plates, outside Hatchways						
,, Deck.* Material and thickness	✓			✓		
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
,, ,, ,, Angles on ditto, No.						
,, ,, ,, Tie Plates outside Hatchways						
,, ,, Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness	27	·32		27	·32	
,, Angle on ditto	3×3×	·32		3×3×	·32	
,, ~~Tie Plates~~	·26 SHEATHED			·26 SHEATHED		
,, Deck. Material and thickness STEEL	WITH 5×2½ P.P.			WITH 5×2½ P.P.		
Bridge Deck Stringer Plate, br'dth & thickness	42×	·36		42×	·36	
,, Angle on ditto	3×3×	·36		3×3×	·36	
,, ~~Tie Plates~~	✓			✓		
,, Deck. Material and thickness STEEL		·36				·36
Forecastle Deck Stringer Plate, b'dth & th'kns	27×	·32		27×	·32	
,, Angle on ditto	3×3×	·32		3×3×	·32	
,, ~~Tie Plates~~	SHEATHED WITH	·30		SHEATHED WITH	·30	
,, Deck. Material and thickness STEEL	5×3 P.P. UNDER WINDLASS.			5×3 P.P. UNDER WINDLASS.		

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

Form No. 1A—1m,11,16. T.

006845-006856-0164 1/2

WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	One in fore hold spaced as per profile			
„ „ „ brdth. & thickness	21	·42	21	·42
„ ~~No. of Side Stringers~~ „ „		✓	✓	
WEB-FRAMES, In E. & B. Space, No. & spacing	Framing increased & strong beams fitted in lieu.			
„ „ „ brdth. & thickness				
~~WEB-FRAMES, In After Body, No. and spacing~~		✓	✓	
„ „ „ ~~brdth. & thickness~~		✓	✓	
„ ~~No. of Side Stringers~~ „ „		✓	✓	
„ Size of Face Angles to Web-Frames	6 x 3½ x ·40		6 x 3½ x ·40	
~~BRACKET PLATES to Stringers between Web Frames,~~ depth and thickness		✓	✓	

FORGINGS or CASTINGS.	Inches in Ship	Inches per Rule Or as Approved.
KEEL, Bar, depth and thickness	Flat plate keel	
STEM, moulding and thickness	9 x 2⅜	9 x 2⅜
STERN-POST for Rudder do. do.	8 x 5½	8 x 5½
for Propeller	9 x 5½	9 x 5½
RUDDER—A×D* Table 22. Speed 12 Knots.	86·27 x 2·57	= 221
„ Main-Piece, diameter at head	7¾	7¾
„ „ „ at heel	5¾	5¾

RUDDER, how constructed *Forged with arms shrunk on.*

„ Thickness of ~~Plates or~~ Single Plate *1·00*

Can the Rudder be unshipped afloat? *Yes.*

BULKHEADS.	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing. Inches.	Vertical. Size. Inches.	Vertical. Spacing. Inches.	Single or Double Frames.	Height up, state deck
W.T. BULKHEADS	7	4				BA.			
After Peak.			·35	Semi-Box Beam and Recess Top.	✓	8 x 3 x ·44	24	Single	R. Qr. Dk.
After Hold.			·36–·40	✓	✓	10 x 3½ x ·66	30	„	„ „
Engine Room.			·34–·44	✓	✓	10 x 3½ x ·52	30	„	„ „
Boiler Room.			·32–·42	✓	✓	9 x 3½ x ·44	30	„	Upper Dk.
Cross Bunker.			·34–·38	✓	✓	9 x 3½ x ·52	30	„	„ „
Fore Hold.			·34–·38	✓	✓	9 x 3½ x ·48	30	„	„ „
„ COLLISION „			·32–·34	W.T. Flat & Semi-Box Beam.		8 x 3 x ·44	24	✓ „	„ „
~~PARTITION~~ „									
~~LONGITUDINAL~~ „									

Are the outside Plates doubled two spaces of Frames in length? *Additional brackets in lieu*

Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? *Yes.*

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? *Open Hearth Process.*

Steel plates.– Consett Iron Co; So. Durham S & I. Co.

Steel angles.– Consett Iron Co; Dorman Long & Co; Palmers S.B. Co. (Cargo Fleet I. Co.

Iron plates.– Nil

Has the Steel been tested as required by the Rules? *Yes.*

PLATING. / RIVETING.

EDGES, Ordinary or joggled? *Joggled.*

STRAKES.	As in Ship Amidship Breadth (Inches)	As in Ship Amidship Thickness (Inches)	Forward Thickness (Inches)	Aft Thickness (Inches)	Per Rule Amidship Breadth (Inches)	Per Rule Amidship Thickness (Inches)	Edges Single or Double	Edges Breadth of Lap (Inches)	Edges Rivets Diam. (Inches)	Edges Rivets Spacing cr. to cr. (Inches)	Butts Double or Treble and for what Length	Butts Rivets Diam. (Inches)	Butts Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (Inches)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
Flat Plate Keel (If Bar Keel, state Riveting.)	43	·80	·58	·58	43	·80	Double	6	1	4	Treble	1	3½	Double Straps 19	·50 ·58	✓	✓
Garboard or A Strake	70	·50	·46	·42	70	·50	„	5¼	⅞	3⅗	Quadruple	⅞	3½	✓	✓	12	½ L
B „	70	·50	·46	·42	70	·50	„	„	„	„	„	„	„	✓	✓	12	„
C „	70	·50	·42	·44	70	·50	„	„	„	„	„	„	„	✓	✓	12	„
D „	48	·50	·44	·44	51½	·50	„	„	„	„	Treble	„	3⅜	✓	✓	9	Full L
E „	50¾	·52	·40	·42	49	·52	„	„	„	„	„	„	„	✓	✓	9	„
F „	60	·56	·40	·40	59	·56	„	„	„	„	„	„	„	✓	✓	9	„
G „	60	·56	·40	·40	60	·56	„	„	„	„	„	„	„	✓	✓	9	„
H „	60	·64	·40	·40	60	·64	„	6	1	4	Quadruple	„	3½	✓	✓	12	½ L
J „	43	·80	·40	·40	43	·80					„	1	4	✓	✓	14	„
K „																	
L „																	
M „																	
N „																	
O „																	
P „																	
Q „																	
R „																	
S „																	
T „																	
U „																	
V „																	
W „																	
Th'kness of R.Q.D. Sh'rstrake ~~clear of Long Bridge~~	58¼	·58	✓		57	·58	Double	5¼	⅞	3⅗	Treble	⅞	3⅛	✓	✓	9	Full L
Do. of Strake below	43	·56	✓		43	·56	„	„	„	„	„	„	„	✓	✓	9	„
Dblg. of Flat Plate Keel																	
„ Sheerstrakes (Length and thickness.)																	
Poop Sides				·32		·32	Single	3	¾	3	Double	¾	2⅝	✓	✓	5	Full L
Short Bridge Sides				·36		·36	„	„	„	„	„	„	„	✓	✓	„	„
Forecastle Sides				·36		·36	„	„	„	„	„	„	„	✓	✓	„	„

State actual thickness in way of Double Bottom.

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

Doubled for 30'0" at fore end of bridge ·64 thick.
Doubled for 21'0" at after end of bridge ·56 thick.

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate — Butts, *Quad* riveted for *of hatches* length ~~amidship.~~ ~~Straps, single, double or~~ overlapped for *Full* (*treble at ends*) length ~~amidship.~~

Raised Quarter ~~Second~~ **Deck Stringer Plate** — Butts, *Treble* riveted for *Full* length ~~amidship.~~ ~~Straps, single or~~ overlapped for *Full* length ~~amidship.~~

Butts of Side Stringers ✓ riveted.

„ **Tie Plates** ✓ riveted.

Inner Bottom Plating, riveting of **Edges** *Double & Single* **Butts** *Treble, double & single.*

Centre Girder Butts, *Treble* riveted. **Keelson Butts,** ✓ riveted.

Frames, riveted through Plates with *⅞* in. Rivets, about *6* apart.

Rivets, state whether Iron or Steel *Iron*

FRAMES extend in one length from *centre line* to *margin plate & thence to gunwale* State if ordinary or joggled *ordinary.*

REVERSED FRAMES on floors ~~and frames~~ extend from *centre line to margin plate.* State if ordinary or joggled *ordinary.*

MASTS, SPARS, &c.

Mast amidships on port side.	Material.	Total Length.	Diameter and Thickness At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles Number.	Angles Size.	Riveting Seams.	Riveting Butts.
Lower Masts ~~Fore~~	Steel	49'6"	20 x ·35	20 x ·35	✓	16½ x ·30	Two	✓	✓	Single	Treble.
~~Main~~											
~~Mizen~~											

Bowsprit ✓

Topmasts, Yards and Remainder of **Spars** ✓

Rigging, Material and Size, **Shrouds** *3" Galvanized Steel wire.* **Stays** *2¼" Steel wire.*

Sails. ✓ ~~Suit of~~ *no sails* Sails, and the following spare sails ✓

Form No. 1A.

EQUIPMENT No. *19080* LETTER *S.* ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS ✓

Number of Certificate.	Anchors.	Weight, Ex. Stock Cwts.	qrs.	lbs.	Weight of Stock Cwts.	qrs.	lbs.	Test, per Certificate Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31 Cwts.	qrs.	lbs.	Description of Anchor	Makers.	Where and when tested and Superintendent.
22941	1st Bower	39	3	0	Stockless			35	11	3	14	38	3	0	Byers Stockless	✓	Sunderland 3.5.18 L. Haffner
23005	2nd „	38	2	14	„			34	17	3	7	38	3	0	„ „	✓	„ 23.5.18 „
22989	3rd „	32	3	14	„			30	15	2	14	32	2	0	„ „	✓	„ 16.5.18 „
✓	4th „	✓	✓	✓	✓			✓				✓	✓	✓	✓	✓	✓
	Collective weight.	111	1	0								110	0	0			
21533	Stream	10	1	14	2	2	14	12	6	2	7	10	0	0	Common	S. Taylor & Sons.	Sunderland 6.3.17. L. Haffner
✓	Kedge	✓			✓			✓				✓			✓	✓	✓

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

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

1st Bower *24·3·7. D.D.W. 1389. 26·3·18.*
2nd „ *24·2·14. D.D.W. 1467. 16·4·18.*
3rd „ *21·0·7. R.W.D. 233. 15·3·18.*
4th „ ✓ ✓ ✓ ✓

CHAIN CABLES. / HAWSERS AND WARPS.

Number of Certificate.	Length supplied (Fathoms)	Diam. (Ins.)	Test Statutory (Tons)	Test Breaking (Tons)	Weight Supplied (Cwts. qrs. lbs.)	Weight Per Rule (Cwts. qrs. lbs.)	Per Table 31 Length (Fathoms)	Per Table 31 Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested, and Superintendent.
10459A.	135	1 13/16	59⅝	82¾	228·3·21	347·3·14	210	1 13/16	Stud Link	S. Taylor & Sons	Sunderl'd 15.3.17. L. Haffner
12601	75	1 13/16	59⅝	82¾	127·1·0				„	„ „	Low Walker 5.12.17. A. Green
~~Iron Stream Chain or~~ Steel Wire	75	Cir. 4¼	✓	35	✓	✓	75	Cir. 4¼			

Material	Length supplied (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline (Tons)	Per Table 31 Length (Fathoms)	Cir.
Towline	90	4	33	90	4
Hawsers & Warps	2 @ 90	2½	12½	2 @ 90	2½
„	2 @ 90	2¼	9½	2 @ 90	2¼
„					

Boats *2 lifeboats 24'0" & one dinghy 16'0"* **Steering Gear, Steam** *Donkin & Co* **Steering Gear, Hand** *Crawford & Sons*

Pumps, Number *one, to drain fore peak tank top* Diameter of Barrel *2½"* State whether ~~they are~~ *it is* in efficient working order *Yes*

Windlass is *Emerson Walker & Thompson Bros.* **Capstan** ✓

Engine Room Skylights.—How constructed? *Steel* What arrangements for deadlights in bad weather? *Steel flaps & bulls eyes.*

Coal Bunker Openings.—How constructed? *Steel* How are lids secured? *Cleats & battens* Height above deck? *9" on boat deck*

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** *6 scuppers each side. – Five each side forward 2'9" x 1'6". Four each side aft 2'9" x 1'6"*

Ceiling in Holds, thickness and material *none* **Cargo Battens,** thickness and material *none*

Cargo Hatchways.—How formed? *Steel. Usual construction* **Hatches,** If strong and efficient? *Yes.*

State size **No. 1 Hatch** (Forward) *27'0" x 25'4" x 17'0"* **No. 2 Hatch** *42'0" x 27'6" x 26'4"* **No. 3 Hatch** *25'0" x 27'9" x 26'2"* **No. 4 Hatch** *25'0 x 25'2" x 21'0"*

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch *Five webs to Nos 1, 3 & 4. Eight webs to No 2 hatch*

No. of Breasthooks *Four & decks* **No. of Crutches** *Deep floors.*

Bulwarks, height above deck and description *main Deck 48" Raised Qr. DK 42"* *Stays 8" x ·40 bulb spaced 6'0" apart.* Main Rail, material and size *Isaacks Patent Section 6½"*

The foregoing is a correct description. FOR S. P. AUSTIN & SON LIMITED. Surveyor's Signature *James Dickie & J. S. Rentham* Surveyors to Lloyd's Register of Shipping.

Builder's Signature (here only) [signature] MANAGING DIRECTOR

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

All correspondence regarding standard "D".

Workmanship. Are the butts of plating planed or otherwise fitted? *Yes.*

Is the riveted work properly closed? *Yes.*

Are the liners between the frames and plates solid single pieces? *Shell joggled* 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? *A 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 approved plans, & the Secretary's letters dated as stated above, & the requirements as specified.

The materials & workmanship are good.

The windlass, steering gear & other deck machinery were tried & found to be working in a satisfactory manner.

The Midship Section & Profile as built are forwarded herewith.

The s.s. "War Visor", Lld Rpt No. 27245 is a Sister Vessel.

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 £ *104 : 19 : 7*
Travelling Expenses, if any £ ✓ : ✓ : ✓

Fees applied for, *25.7.1918*
Received by me, *26.7.1918*

Certificate to be sent to SUNDERLAND. *Date of issue* *23/8/18*

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *✠100A1. Steel. L.A. & C.P.*

With, or without Freeboard, as condition of Class *without.*

James Dickie & J. S. Rentham Surveyors to Lloyd's Register of Shipping.

Committee's Minute TUE. 13 AUG. 1918

Character assigned *100A1*

Cargo battens not fitted

Lloyds AD&C

+ LMC 7.18 F.D.

The Surveyors are requested not to write on or below the Committee's Minute.

0164 2/2

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the **REGISTER BOOK.**—Length of Poop 24·66 ft., R.Q.D. 96·66 ft., Bridge 65·5 ft., Forecastle 32·0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated (ON R.QR.DK) ✓ (EXTENDS UNDER POOP).

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 it should appear in the Register Book*) ONE DK STL.

Official No. 142591 ; Signal Letters ✓. State if Machinery is fitted aft NO

How are the surfaces preserved from oxidation ? Inside Portland cement & paint. Outside PAINT

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	72·0	142
Double bottom, under Engines and Boilers,	40·0	138
~~Double bottom, if under Engines only,~~	✓	✓
~~Double bottom, if under Boilers only,~~	✓	✓
Double bottom, forward,	116·0	288
	Total capacity of double bottom	568.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,	22·0	108
After peak tank,	76·0	234
~~Deep tank, aft,~~	✓	✓
~~Deep tank, forward,~~	✓	✓
~~Other tanks, if fitted,~~	✓	✓
(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. 5300

Date 21.6.17

No. 296 in builder's yard.

DATES of Surveys held while building: 1917. Sep 13. 18. 21. 27. Oct. 6. 9. 16. 25. 29. Nov. 7. 13. 19. 27. Dec 4. 15. 18. 20 Jan 5. 15. 25. Feb 1. 8. 12. 14. 15. 21 26. Mar 5. 12. 14. 20. 25. 28. Apr. 3. 8. 11. 15. 19. 22. 26. May 1. 8. 9. 15. 16. 17. 24. 28. 31. June 17 19. 24. 25. Jul 2. 8. 11. 15. 16. 18. 19. 20. 22. 24. 26.

Total No. of Visits 64

Surveyor's Signature James Dickie & L. S. Rickard

Form No. 1A.