

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 10709

MON 21 NOV 1898

Port of WEST HARTLEPOOL. Date of completion of Report 18th November 1898 Received at London OfficeSurvey held at WEST HARTLEPOOL. Date, First Survey 2nd MarchLast Survey 16th November, 1898On the Steel S.S. MarsRig Schooner

TONNAGE under Tonnage Deck... 3583.48

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room ..

Gross Tonnage

Less Crew Space

as above Crown of

Engine Room ..

TONNAGE FOR FEES..

as Engine Room

as Navigation Spaces

Register Tonnage

as cut on Beam....

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

or a vessel having a continuous shade deck.

CLASS 100A1 SteelSpar Deck

FEET.

Half Breadth (moulded) 23.41

Depth from upper part of keel to top of Main Deck Beams 23.83

Girth of Half Midship Frame (as per Rule) 42.66

1st Number..... 89.9

Length 338.16

2nd Number 30401.

Proportions—Breadths to Length..... 7.22

Depths to Length—Main Deck to top of Keel 14.19

Destined Voyage BarryMaster W. M. Curtis

Year of Appointment

(1) As Master in service of owner of present vessel:—1898
(2) As Master of this vessel:—1898Built at West HartlepoolWhen built 1898 Launched 4.8.98By whom built Furness Withy & Co. Lim.Owners J. Lockie

Managers

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

Residence Newcastle-on-TynePort belonging to NewcastleSurveyed while Building Afloat, & in Dry Dock.

LENGTH on Deck	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH, top of Floors to Spar or Awn. Dk. Beams	Feet.	Inches.	Power of Horse	No. of Decks with flat laid
as per Rule.....	338	2	Moulded	46	10	Do. do. Main Deck Beams	30	9	Engines 30 2	No. of Tiers of Beams 22 web frame

Dimensions of Ship per Register, Length 340 breadth 47.1 depth 27.2 Spar or Awn. Dk. Moulded depth, ft. 22 ins. 10 To Main Dk. Round up of Beam, Main Dk. 11 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, <u>vertical</u> Bars, for $\frac{1}{2}$ length amidships	7	3 $\frac{1}{2}$	13	7	3 $\frac{1}{2}$	13	
Do. for $\frac{1}{2}$ at each end	—	—	12	—	—	12	
Do. in way of Double Bottoms at Solid Floors ..	<u>4 floors flanged.</u>						
Distance " of Frames " from moulding edge to moulding edge, all fore and aft	—	28	—	—	28	—	
REVERSED FRAME, Angles, <u>double</u>	4	3 $\frac{1}{2}$	10	4	3 $\frac{1}{2}$	10	
DECK FRAMING, depth of girder	<u>under 8 2 13 space.</u>						
LOORS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships							
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at $\frac{1}{2}$ the half bath as per Rule ..							
" height extended at the Bilges							
LOORS <u>SPRAYS</u> in Cell Dble Bottoms	—	42	9	—	42	9	
Distance apart	—	28	—	—	28	—	
ENTRE GIRDER, in Double bottom, depth and thickness	—	42	10	—	42	10	
" Angles, Top	4	4	9	4	4	9	
" Bottom	4 $\frac{1}{2}$	4 $\frac{1}{2}$	11	4 $\frac{1}{2}$	4 $\frac{1}{2}$	11	
SIDE GIRDERS, number and thickness	<u>one each side</u>						
" Angles, <u>vertical</u>	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	
MARGIN PLATE, depth (exclusive of flange) and thickness	—	36	9	—	36	9	
" Angles	4	4	9	4	4	9	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake ..	—	36	10	—	36	10	
" thickness in Engine and Boiler space ..	—	8	16	—	8	16	
Remainder in Holds	—	9	8	—	9	8	
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	3	12	9	3	12	
" Angles on upper edge	—	—	—	—	—	—	
Average space	—	28	—	—	28	—	
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12	6	13	12	6	13	
" Angles on upper edge	<u>Spaced as per profile.</u>						
Average space							
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on upper edge							
Average space							
BEAMS, Hold, or Orlop, Plate or Tee Bulb ..							
" Angles on upper edge							
Average space							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	9	
" Angles on upper edge	—	—	—	—	—	—	
Average space	—	28	—	—	28	—	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	9	
" Angles on upper edge	—	—	—	—	—	—	
Average space	—	28	—	—	28	—	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	9	
" Angles on upper edge	—	—	—	—	—	—	
Average space	—	28	—	—	28	—	
BULKHEADS, In 'tween Deck, size and spacing ..	<u>4 1/2" x 10" iron</u>						
" Hold	<u>5 1/2" x 10" thickness.</u>						
" Quarter, 'tween Dks. ..	<u>Two 4" girders 10" deep, with large gusset top & bottom, no gusset</u>						
WEB-FRAMES, In Fore Body, No. and spacing ..	7	no.	6	spaces	apt.		
" breadth & thickness ..	18	24	10	18	24	10	
" No. of Side Stringers ..	<u>Three each side</u>						
WEB FRAMES, In E. & B. Space, No. & spacing ..	5	no.	3	spaces	apt.		
" breadth & thickness ..	18	10	—	18	10	—	
WEB FRAMES, In After Body, No. and spacing ..	7	no.	6	spaces	apt.		
" breadth & thickness ..	18	24	10	18	24	10	
" No. of Side Stringers ..	<u>Three each side</u>						
" Size of Angles or Tee Bars to Web Frames ..	4	3 $\frac{1}{2}$	10	4	3 $\frac{1}{2}$	10	
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18	24	7	18	24	7	

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
KEEL, <u>Bar</u> Side Plates, depth and thickness ..	11	2 $\frac{3}{4}$	—	11	2 $\frac{3}{4}$	—	
STEM, moulding and thickness	11	6 $\frac{1}{2}$	—	11	6 $\frac{1}{2}$	—	
STERN-POST for Rudder do. do.	11	6 $\frac{1}{2}$	—	11	6 $\frac{1}{2}$	—	
" for Propeller	9	—	—	9	—	—	
MAIN PIECE of Rudder, diameter at head ..	4 $\frac{1}{2}$	—	—	4 $\frac{1}{2}$	—	—	
do. at heel ..	—	—	—	—	—	—	
RUDDER, how constructed <u>Iron forging, plated, head</u>							
Can the Rudder be unshipped afloat? <u>Yes</u> (etc. for Rpt.)							
KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate ..							
" Rider Plate							
" Bulb Plate to Intercoastal Keelson							
" Horizontal Plates on Floors							
" Angles							
SIDE KEELSON, Angles							
" Bulb or Plate above floors, for lng. Intercoastal Plate, for lng. Attached to outside plating with Angle ..							
DIAGONAL KEELSON, Angles							
" Bulb or Plate above floors, for lng. Intercoastal Plate, for lng. Attached to outside plating with Angle ..							
BILGE STRINGER Angles <u>plated</u>							
" Bulb Plate, for lng. Intercoastal Plate, for whole length Attached to outside plating with Angle ..							
SIDE STRINGER Angles <u>plated</u>							
" Bulb or Intercoastal Plate, for whole lng. Attached to outside plating with Angle							
Spar, <u>Awning</u> Deck Stringer Plates, breadth and thickness	60	11	60	11			
" Angle on ditto	4	4	9	4	4	9	
" Tie Plates, <u>iron</u> and <u>steel</u> , outside Hatchways ..	<u>increased 4/20.</u>						
" Diagonal Tie Plates, No. of pcs.							
" Deck, <u>Iron</u> or <u>Steel</u> , for whole lng. Wood Deck, Material and thickness ..	—	7	—	—	7	—	
Main Deck Stringer Plate, breadth & thickness ..	60	13	60	13			
" Angles on ditto, No. 2 ..	4	4	9	4	4	9	
" Tie Plates, outside Hatchways ..	3	4	10	3	4	10	
" Diagonal Tie Plates, No. of pcs.							
" Deck, <u>Iron</u> or <u>Steel</u> , for whole lng. Wood Deck, Material and thickness ..							
Lower Deck Stringer Plates, breadth & thickness ..							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways ..							
" Deck, Material and thickness ..							
Hold, or Orlop Stringer Plate, breadth & thickness ..							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways ..							
" Deck, Material and thickness ..							
Poop Deck Stringer Plate, breadth & thickness ..							
" Angles on ditto							
" Tie Plates ..							
" Deck, Material and thickness ..							
Bridge Deck Stringer Plate, breadth & thickness ..							
" Angle on ditto							
" Tie Plates ..							
" Deck, Material and thickness ..							
Forecastle Deck Stringer Plate, breadth & thickness ..							
" Angle on ditto							
" Tie Plates ..							
" Deck, Material and thickness ..							

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

BULKHEADS.

	Number.	Thickness.	Horizontal, & Vertical.	Spacing	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	20ths.	Inches.	Inches.		
W. T. BULKHEADS	6	6	7-6	16	7 1/2 x 3 x 1/2	48 dble Sp. 8 1/2
PARTITION "	—	—	—	—	—	—
LONGITUDINAL, "L.	—	—	—	—	—	—
Are the outside Plates doubled two spaces of Frames in length? <u>Diamond liners</u>						

PLATING.								RIVETING.												
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.				
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.			
	Inches.	20ths.	20ths.	20ths.	Inches.	20ths.			Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Feet.			
FLAT PLATE KEEL																				
Garboard A Strake ..	48	20	13	13	48	20	double	6	1	4	treble	1	3½	19	24	20	-	-		
B " ..	50	14	12	12	50	14	-	-	-	-	-	-	-	-	-	-	-	-		
C " ..		12	9	9	-	12	-	-	-	-	-	7/8	3 7/8	-	-	-	9 whole	-		
D " ..		12	9	9	-	12	-	5½	7/8	3½	-	-	-	-	-	-	-	-		
E " ..		12	9	9	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
F " ..		13	10	10	-	13	-	-	-	-	-	-	-	-	-	-	-	-		
G " ..		13	10	10	-	13	-	-	-	-	-	-	-	-	-	-	-	-		
H " ..		13	10	10	-	13	-	-	-	-	-	-	-	-	-	-	-	-		
J " ..		13	10	10	-	13	-	-	-	-	-	-	-	-	-	-	-	-		
K " ..		12	10	10	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
L " ..		12	10	10	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
M " ..		12	10	10	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
Wam Sheer N " ..	44	13	10	10	44	13	-	-	-	-	-	-	-	-	-	-	-	-		
O " ..	-	12	9	9	-	12	-	-	-	-	-	-	-	-	-	-	-	-		
Spars Sheer P " ..	40	15	10	10	40	15	-	6	1	4	-	1	3½	-	-	-	10½	-		
DOUBLING of Flat Plate Keel	4 ft Garboards increased in thickness. Doubled at 13. ends.																			
Length and thickness of Bilge of Sheerstrake below of Strake below																				
POOP SIDES	-	-	-	7	-	-														
BRIDGE SIDES	-	7 1/8	-	-	-	7 1/8														
FORECASTLE SIDES	-	-	7	-	-	-														

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.?

Mild Steel: Norman Long, Black & Vaughan.
"Bousett": Palmers: "W.A.P.L."

Iron: Jno Hill & Co. Stockton Mall

Spar ~~or~~ ^{Butts} treble riveted for ^{Snadupple} 1/2 length amidship.
Stringer Plate ^{Straps} single double or overlapped for ^{whole} length amidship.
Main Stringer Plate ^{Butts} treble riveted for ^{whole} length amidship.
Butts of Bilge & Side Stringers ^{and} ^{Plates} treble or double riveted? ^{treble}
Inner Bottom Plating, riveting of Edges ^{M.A. dbl} Butts ^{double}
Centre Girder Butts, ^{treble} riveted ^{Hickson Butts}
Frames, riveted through Plates with ^{7/8} in Rivets, about ^{5 1/4} apart.
Rivets, state whether Iron or Steel ^{Iron rivets}

FRAMES extend in one length from ^{tank} side to ^{gunwale}.

REVERSED FRAMES on floors ^{and frames} extend from ^{are} double inside tanks in engine boiler space floors otherwise flanged: ^{bulk} angle framing.

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....	Fore	Mild 52.0	21 x 7/32	19 1/2 x 1/2	17 x 1/2	16 x 1/2	two			single	treble
	Main	Steel 53.3									at all.
	Base										

Remains

Topmasts, Yards and Remainder of Spars ^{Topmasts} pitch pine: no yards.

Rigging, Material and Size, Shrouds ^{3 1/4} galv ^{3/4} iron wire. Stays ^{1 1/2} galv ^{3/4} iron wire.

Sails. ^{One} Suit of ^{fore & aft} Sails, and the following spare sails

EQUIPMENT No. 37297 LETTER W. ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
32478	1st Bower	50	1	14	Stockton	42	12	0	20	50	0	0	0	0	Reliance	W. L. Byers Ltd	10/11/97
32483	2nd "	50	0	7	cast steel	42	9	0	7	50	0	0	0	0	Patent	& Co	A. Y. Welford 10/11/97
32479	3rd "	43	1	0	heads	38	1	1	0	42	0	0	0	0			10/11/97
	Collective weight	143	2	21		142	2	0									
15737	Stream	12	1	0	3	1	0	14	1	3	14	12	0	0	Rodgers	Jno Abbott & Co	26/10/97
15743	Kedge	6	1	0	1	2	0	8	10	0	0	6	0	0			Thos Lindall 20/11/97
32478	Anchor	52	0	0	J.C. Craig	41/97				32479					J.C. Craig	41/97	26/10/97
263	Anchor	52	0	0	J.C. Craig	41/97				260					J.C. Craig	41/97	26/10/97

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
7865.	135	2 1/2	76 1/2	287.0	270 x Stud	Jno Abbott	22/10/97	Low Walker	22/10/97	Steel	120	1 1/2	39	120 x 1 1/2
7936.	75	1 1/2	107 1/2	165.2	573.2	2 1/2	Stud	Thos Lindall	30/11/97	TOWLINE wire	90	3 3/4	29	90 x 3 3/4
12356.	60	1 1/2	122.3	117						HAWSER	90	3 3/4	29	90 x 3 3/4
Iron Steam Chain	90	4 1/2	39	57.1	90 x 4 1/2	Steel	28/10/97	Cranen	28/10/97	WARP Manila	90	9		90 x 9
Steel Wire														

Boats ^{Two} life and two others.

Pumps, Number ^{As per approved plan} Diameter of Barrel and Tail Pipe ^{6" x 2 3/4} respectively.

Windlass is ^{Clarke Chapman & Co} Patent ^{Steam} winches, food.

Engine Room Skylights.—How constructed? ^{Iron} hood on iron casing ^{7 ft} above B. dp.

What arrangements for deadlights in bad weather? ^{Thick} glass bull's eyes in iron lids.

Coal Bunker Openings.—How constructed? ^{Plate} coamings How are lids secured? ^{Hatches} battens Height above deck? ^{12" ab. B. dp.}

Number of Scuppers, and number and dimensions of Freeing Ports, &c. ⁸ Scuppers. ¹² ports (33 x 15) 2 1/2 ft. each side

Ceiling in Holds, thickness and material ^{2 1/2" m.p.} Ceiling 'tween Decks, thickness and material ^{2" m.p. sparring.}

Cargo Hatchways.—How formed? ^{Plate} coamings. Hatches, If strong and efficient? ^{Solid} 3" m.p.

State size No. 1 Hatch (Forward) ^{22.6 x 15.6} No. 2 Hatch ^{25' x 16'} No. 3 Hatch ^{26' x 16'} No. 4 Hatch ^{25' x 15.6'}

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ^{Two deep purlins and three fore & afters in each hatchway.}

Bulwarks, height above deck and description ^{1/2" plating. 42" ab. dp.} Main Rail, material and size ^{6 m. bulb angle}

The above is a correct description. ^{FURNESS, WITBY & CO., LIMITED.} Surveyor's Signature ^{CR Burney}

Builder's Signature (here only) ^{Jno Hill & Co} Surveyor to Lloyd's Register of British & Foreign Shipping.

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

1897: 1st May ill: 5th May ill: 13th May ill: 10th June ill: 4/5/98. E. 3/9/97. ill. Freeboard 7/6/98.

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 plating?

No.

Are the butts of Plating, Stringers, &c., properly shifted and strapped?

yes.

General Remarks (State quality of workmanship, &c.)

The workmanship is good & the vessel has been constructed in accordance with the approved plans 3 in number, which together with the Report on the forgings, are attached hereto. The fore peak has been tested by filling with water to load line height; decks and tunnel tested by a strong force of water from hose; hand pumps tried; and found satisfactory.

Sister vessel to ss "Saunton" MRPL Rpt no 10659.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31 ft., R.Q.D. or Break A, Bridge Dk. 106 ft., F'castle 31 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 it should appear in the Register Book)

1 DR (Stl.) 2 tr Bms web frames.

Official No. 106649; Signal Letters

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	107	250.	Fore peak tank,	—	—
Double bottom, forward,	128	335.	After peak tank,	—	32.
Double bottom, under Engines and Boilers,	110	120.	Midship deep tank,	—	—
Double bottom, if under Engines only,	—	—	Other tanks, if fitted,	—	—
Double bottom, if under Boilers only,	—	725	(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules.

yes.

Order for Special Survey No. 1698

Date 5th Decr 1897

Order for Ordinary Survey No.

Date

No. 237 in builder's yard.

DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

1898. Mar. 1. 4. 8. 10. 14. 18. 21. 23. 25. 29. 31. Apr. 5. 13. 18. 19. 21. 25. 27. 29. May 3. 6. 12. 16. 18. 19. 24. 27. June 2. 3. 6. 9. 12. 17. 20. 21. 22. 27. 28. 29. July 1. 4. 5. 6. 7. 14. 15. 16. 19. 20. 21. 22. 25. 27. 28. 30. Aug. 4. 6. 10. 15. 17. 19. 24. Sept. 1. 9. 20. 23. 26. 30. Oct. 1. 7. 12. 13. 21. 24. 25. 27. Nov. 2. 4. 7. 9. 11. 14. 16.

Total No. of Visits 85

The amount of Entry Fee.....£ 5 :

Special Survey Fee ...£ 117 : 8 :

Travelling Expenses, if any £ :

Fees applied for,

18. 11. 1898

Received by me,

18. 11. 1898

Certificate to be sent to

WEST HARTLEPOOL.

I am of opinion this Vessel should be Classed

100A1

Steel "Spar Deck"

C. Burney.

With, ~~without~~ Freeboard, as condition of Class

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUES. 22 NOV 1893

Character assigned

2000 + 2 m 11. 98

100A1 Steel Spar Deck w. fbd. 8. 6. 3



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