

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

W744-0086(112)

No. 66950

Part of *Newcastle*

Date of completion of Report

Received at London Office

MON 27 1914

Key held at *South Shields*

Date, First Survey *31st Mar 1914*

Last Survey *14th Dec 1914*

he (State if Single, Twin, or Triple Screw)

Steamer

"TREVARRACK"

Rig

Schooner

NAGE under
nnage Deck...
etwgn Tonnage Dk and
d, Ath, or Awning Dk.
under Upper Dk. *3905.07*
f Poop. *27.99*
f R. Or. Dk. *2.32*
f *Houses* *61.75*
f For-castl. *110.80*
f Houses on Deck *81*
f excess of Hatchways *90.34*
above Crown of
Engine Room *4199.08*
ss Tonnage *100.35*
Crew Space *4008.39*
above Crown of
Engine Room *1343.71*
NAGE FOR FEES... *76.30*
Engine Room
Navigation Spaces

CLASS *100A1 shelter dk with foreward*
Breadth (greatest moulded) *51.29*
Depth at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck *34.16*
Deduct height of 'tween deck when this does not exceed 8ft. *7.50*
Transverse Number *77.95*
Length on deck from fore part of stem to after part of
sternpost *370*
Longitudinal Number *28841*
Depth "d" at middle of length. See Secs. 2 & 13... *23.25*
Proportions, Depths to Length, Uppermost Continuous *10.8*
Deck at side to top of keel *13.87*
Upper Deck at side
to top of keel

Master *N. J. Woolcock*
Year of Appointment (1) As Master in service of
owner of present vessel:—1914
(2) As Master of this
vessel:—1914
Built at *South Shields*
When built *1914* Launched *21st Oct 1914*
By whom built *J. Readhead & Sons, Ltd.*
Owners *Hain Steamship Co. Ltd.*
Managers *C. Hain & Son*
(Where necessary to be entered in Reg. Book.)
Residence *St Jura*
Port belonging to *St Jura*

ister Tonnage *2678.72*

Destined Voyage *Panama*

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
Deck as per Rule	370	0	Moulded	51	3 1/2	Do.	do. Upper Deck Beams	25	7	2

ensions of Ship per Register, Awn. or Shelter Dk. Moulded depth, ft. *34* ins. *2* To Awn. or Shelter Dk. Round up of Uppermost
Length *3700* breadth *51.6* depth *25.0* Upper Deck. Moulded depth, ft. *26* ins. *8* To Upper Dk. Dk. Beam, Actual *12* ins

FRAMING.						PILLARS.			
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved		Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
AME, Angles, or E or L Bars, amidships	11	3 1/2	40	11	3 1/2	60	PILLARS, In 'tween Deck, size and spacing	2 7/8	56
Do. in peaks	5 1/2	3 1/2	40	5 1/2	3 1/2	40	" " Hold	center line	56
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Quarter, 'tween Dks., "		
" " at intermdt. Bkts.	5 1/2	3 1/2	46	5 1/2	3 1/2	46	" " in Hold		
acing of Frames from centre to centre amidships	28			28			KEELSONS AND STRINGERS.		
" length to collision bulkhead	28			28			CENTRE LINE KEELSON, Vertical Plate above	41	60
" of Frames from centre to centre in peaks	26			26			floor, Through Plate, or Intercoastal Plate	14	58
VERSED FRAME, Angles, in peaks	4	3 1/2	40	4	3 1/2	40	Rider Plate	4 1/2	58
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	Flat Keel Plate Angles	4 1/2	58
" " at intermdt. Bkts.	5 1/2	3 1/2	46	5 1/2	3 1/2	46	Horizontal Plates on Floors	12	58
AMING, depth of girder in peak	7			6 1/2			Angles or Bulb Angles	6 1/2	3 1/2
DOORS, depth and thickness of Floor Plate, at mid-line for 1/2 length amidships	31	58		31	58		Four	6 1/2	3 1/2
" in way of Engine and Boiler spaces	31	58		31	58		SIDE KEELSONS, Number	Four	6 1/2
" thickness at the ends of vessel in peak	38			38			Angles or Bulb Angles	6 1/2	3 1/2
" depth at 1/2 the half-bdth. as per Rule							Plate above floors, for full length	58	58
" height extended at the Bilges							Intercoastal Plate, for full length	14	58
DOORS, in Cell Double Bottoms	40			40			Attached to outside plating with Angle	3 1/2	3 1/2
" state if flanged (top and bottom)	110			110			BIDGE KEELSON, Angles	6 1/2	3 1/2
" spacing of Solid to alternate frames	41	50		41	50		Intercoastal Plate, for full length	46	46
NTRE GIRDER, in Dbl. bottom, dpth. & thcknss	4 1/2	4 1/2	58	4 1/2	4 1/2	58	Attached to outside plating with Angle	3 1/2	3 1/2
" Angles, Top	4 1/2	4 1/2	58	4 1/2	4 1/2	58	SIDE STRINGERS, Number	6 1/2	3 1/2
" Bottom	4 1/2	4 1/2	58	4 1/2	4 1/2	58	" Angle	42	42
" to Floors	5	5	54	5	5	54	" Intercoastal Plate, for full lng.	3 1/2	3 1/2
" Brackets at intermdt. frmg., wdth & thcknss	18	40		18	40		Attached to outside plating with Angle	3 1/2	3 1/2
DE GIRDERS, number and thickness	Three	36		Three	36		Awning or Shelter Deck Stringer Plates,		
" state if flanged (top & bottom)	Top only			Top only			breadth and thickness	56	54
Angles	3	3	38	3	3	38	Angle on ditto	4 1/2 x 4 1/2	56
MARGIN PLATE, depth (exclusive of flange), and thickness	40	44		40	44		Tie Plates, fore and aft, outside Hatchways	plating increased	
" Angles to outside plating	3 1/2	3 1/2	44	3 1/2	3 1/2	44	Deck. * Iron or Steel, for full lng.	40	40
" to floors	5	5	38	5	5	38	Wood Deck. Material & thickness	2 1/2	2 1/2
" Brackets at intermdt. frmg., wdth & thcknss	20	40		20	40		Upper Deck Stringer Plate, breadth and thickness	64	44
" Height of Brackets above at bilge	46			46			Angles on ditto, No.	3 1/2 x 3 1/2	46
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	48		48	48		Tie Plates, outside Hatchways	plating increased	
" thickness in Engine and Boiler space	88	48		88	48		Deck. * Material and thickness	34	34
" Remainder in Holds	44			44			Wood Deck. Material & thickness		
AMS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	48	8 1/2	3	48	Second Deck Stringer Plates, br'dth & thckn's		
" Spacing	28			28			Angles on ditto, No.		
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3 1/2	52	8 1/2	3 1/2	52	Tie Plates, outside Hatchways		
" Spacing	28			28			Deck. * Material and thickness		
AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness		
" Angles on upper edge							Angles on ditto, No.		
" Spacing							Tie Plates, outside Hatchways		
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Deck. Material and thickness		
" Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness		
" Spacing							Angles on ditto		
AMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Tie Plates		
" Angles on upper edge							Deck. Material and thickness		
" Spacing							Bridge Deck Stringer Plate, br'dth & thickness		
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Angle on ditto		
" Angles on upper edge							Tie Plates		
" Spacing							Deck. Material and thickness		

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

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing		one in F. Peak to V. Sta			
" " " brdth. & thickness		20	40	20	40
" " " No. of Side Stringers " "					
WEB-FRAMES, In E. & B. Space, No. & spacing		one one			
" " " brdth. & thickness		22	40	22	40
WEB-FRAMES, In After Body, No. and spacing					
" " " brdth. & thickness		✓		✓	
" " " No. of Side Stringers " "					
" " " Size of Face Angles to Web-Frames.....		3 1/2 x 3 1/2 x 46 3 1/2 x 3 1/2 x 40			
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....					

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
			Horizontal.		Vertical.			
	Vessel.	Per Rule.	Inches.	Size.	Spacing.	Inches.	Size.	Spacing.
W.T.BULKHEADS	✓ 6	✓ 34	✓ 30	✓	✓	✓	✓	✓
Fore hold		✓ 36	✓ 30	✓	✓	✓	✓	✓
Aft hold		✓ 34	✓ 30	✓	✓	✓	✓	✓
Aft peak		✓ 34	✓ 30	✓	✓	✓	✓	✓
.. COLLISION ..	✓ 42	✓ 30	✓ 26	✓	✓	✓	✓	✓
PARTITION ..								
LONGITUDINAL..	✓	✓ 30		✓	✓	✓	✓	✓

Are the outside Plates doubled two spaces of Frames in length? No. BKE fitted

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

FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness		Flat plate keel	
STEM, moulding and thickness		✓ 10 x 2 3/4	10 x 2 5/8
STERN-POST for Rudder do. do.		✓ 9 x 7	9 x 7
" " " for Propeller		✓ 10 x 7	10 x 7
RUDDER—A x D* Table 22. Speed 9 knots		A x D = 424	
" Main-Piece, diameter at head		✓ 9	9
" " " at heel.....		✓ 6 3/4	6 3/4

RUDDER, how constructed Forged and riveted

" Thickness of Plates or Single Plate 1.04

Can the Rudder be unshipped afloat? 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.?

Consell Co. South Durham Co. Cargo Fleet Co. Dorman Long, Palmers Co. Spencer

Open hearth process

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

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.	
	AMIDSHIP.		FORWARD.		AFT.	
	Breadth.		Thickness.		Thickness.	
	Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.
FLAT PLATE KEEL.....	50	✓ .94	✓ .66	✓ .66	50	✓ .94
(If Bar Keel, state Riveting.)						
GARBOARD or A Strake	66 1/2	✓ .62	✓ .58	✓ .48	65 1/2	✓ .62
State actual CB " "	66	✓ .62	✓ .48	✓ .48	"	✓ .62
thickness in way of Double Bottom. D " "	66 1/2	✓ .62	✓ .48	✓ .48	"	✓ .62
E " "	66	✓ .62	✓ .52	✓ .48	"	✓ .62
F " "	53	✓ .62	✓ .50	✓ .50	57	✓ .62
G " "	57	✓ .64	✓ .46	✓ .46	56 1/2	✓ .64
H " "	66 1/2	✓ .64	✓ .46	✓ .48	66	✓ .64
I " "	66	✓ .64	✓ .46	✓ .46	"	✓ .64
J " "	66 1/2	✓ .64	✓ .46	✓ .46	"	✓ .64
K " "	66	✓ .64	✓ .46	✓ .46	"	✓ .64
L " "	47	✓ .62	✓ .46	✓ .44	46 1/2	✓ .62
M " "	47	✓ .68	✓ .44	✓ .44	47 1/2	✓ .68
N " "						
O " "						
P " "						
Q " "						
R " "						
S " "						
T " "						
U " "						
V " "						
W " "						
THICKNESS OF SHEER STRAKE						
CLEAR OF LONG BRIDGE						
DO. OF STRAKE BELOW						
DECK OF Flat Plate Keel						
" Sheerstrakes						
Length and thickness.						
POOP SIDES						
SHORT BRIDGE SIDES ...						
FORECASTLE SIDES						

RIVETING.										
EDGES.										
Ordinary or jogged? ordinary										
BUTTS.										
Double or Treble and for what Length.										
RIVETS.										
Diam.										
Spacing cr. to cr.										
Breadth.										
Thickness.										
If LAPPED.										
Breadth.										
Thickness.										
For what Length.										
FLAT PLATE KEEL.....	6	1	4	Q&T under 1 1/8	1 1/8	3 3/4	✓	✓	16	full
(If Bar Keel, state Riveting.)										
GARBOARD or A Strake	5 1/2	7/8	3 1/2	Q&T 1/2 L	7/8	3 1/2	✓	✓	12	"
State actual CB " "	"	"	"	"	"	"			"	"
thickness in way of Double Bottom. D " "	"	"	"	"	"	"			"	"
E " "	"	"	"	"	"	"			"	"
F " "	"	"	"	"	"	"			"	"
G " "	"	"	"	"	"	"			"	"
H " "	"	"	"	"	"	"			"	"
I " "	"	"	"	"	"	"			"	"
J " "	"	"	"	"	"	"			"	"
K " "	"	"	"	"	"	"			"	"
L " "	"	"	"	"	"	"			"	"
M " "	"	"	"	"	"	"			"	"
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V " "	"	"	"	"	"	"			"	"
W " "	"	"	"	"	"	"			"	"
THICKNESS OF SHEER STRAKE										
CLEAR OF LONG BRIDGE										
DO. OF STRAKE BELOW										
DECK OF Flat Plate Keel										
" Sheerstrakes										
Length and thickness.										
POOP SIDES										
SHORT BRIDGE SIDES ...										
FORECASTLE SIDES										

Awning or Shelter Deck	Butts, Treble riveted for 1/2 length amidship.	Butts of Side Stringers	riveted.
Stringer Plate	Straps, single, double or overlapped for full length amidship.	" Tie Plates	riveted.
Upper Deck	Butts, Treble riveted for half length amidship.	Inner Bottom Plating, riveting of Edges	single double Butts Double 1/2 L Treble 1/2 L
Stringer Plate	Straps, single or overlapped for full length amidship.	Centre Girder Butts, Treble riveted	Keelson Butts, riveted.
		Frames, riveted through Plates with 7/8 in. Rivets, about 5 1/2 apart.	
		Rivets, state whether Iron or Steel Iron	

FRAMES extend in one length from centre line margin to upper dk, centre to shelter dk State if ordinary or jogged jogged

REVERSED FRAMES on floors and frames extend from only in D. Bottom in peaks reverse frames fitted State if ordinary or jogged jogged.

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Scams.	Butts.
LOWER MASTS.....	Fore	Steel	44'	24 x 9/16	24 x 9/16	17 x 9/16	2	✓	✓	Single	Treble
	Main	"	46	"	"	"	2			"	"
	Mizen.....										
Bowsprit	✓										
Topmasts, Yards and Remainder of Spars	P. Pine										
Rigging, Material and Size, Shrouds	wire	3 3/4									
Sails.	one	Suit of Fore + aft									
		Sails, and the following spare sails									

Rpt. 4

BULKHEA

W.T.BULKH

„ COLLISION
PARTITION
LONGITUDE

Are the outs
Are the Slui

ST

FLAT PL
(If Bar Keel
GARBOARD

State actual
thickness
way of Dou
Bottom.

Write "Aiming or Shelter Deck" "Sheer Strake" opposite its corresponding letter.

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *shelter deck*

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 dk (ste) + shelter dk (ste)
Official No. 137861; Signal Letters _____
How are the surfaces preserved from oxidation? Inside Cement & paint State if Machinery is fitted aft no
Outside paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	116.66	343	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	23.33	90	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	13.0'	59
Double bottom, forward,	163.33	545	Other tanks, if fitted,		
	Total capacity of double bottom	978	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

* 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. 4511

Date 15. 5. 1914

No. 445 in builder's yard.

DATEs of Surveys
held while building

1914
Mar. 31. Apr. 24. 27. May. 1. 5. 26. Jun. 8. 12. 16. 17. 19. 29. 30. Jul. 2. 3. 8. 10. 15. 21. 23.
27. 30. Aug. 10. 18. 20. 24. Sep. 2. 7. 8. 13. 23. 25. 28. 30. Oct. 2. 5. 9. 13. 16. 20. 21. 22. 23.
28. Nov. 4. 6. 10. 16. 30. Dec. 5. 9. 14

Total No. of Visits 52

Surveyor's Signature

G. H. Brown

Bigging
Sails.

one

Suit of

Fore & aft.

Lloyd's Register
Foundation