

~~Awning or Shelter Deck,~~  
~~or Pt. Awning Deck.~~

STEEL STEAMER.

No. 14575

Port of West Hartlepool Date of completion of Report 16<sup>th</sup> Jan. 1913 Received at London Office TUE. JAN. 21. 1913  
Survey held at West Hartlepool Date, First Survey 23<sup>rd</sup> May 1912 Last Survey 16<sup>th</sup> January 1913

On the (State if Single, Twin, or Triple Screw) STEEL SINGLE SCREW STEAMER BOETON Rig SCHOONER

TONNAGE under 1594.10

Tonnage Deck 135.5.36

Do. between Tonnage Dk. and 135.5.36

Total under Upper Dk. 5982.46

Do. of 62.26

CLASS 100 A.1. SHELTER Dk. (YARD NO. 816)

Breadth (greatest moulded) 53.29

Depth, at middle of length from top of keel to top of 37.12

beams at side of uppermost Continuous Deck 29.62

Transverse Number 82.91

Length on deck from fore part of stem to after part of 399.85

sternpost 33151.56

Longitudinal Number 15.96

Depth "d" at middle of length. See Secs. 2 & 13 10.77

Proportions, Depths to Length, Uppermost Continuous 13.49

Deck at side to top of keel 13.49

Upper Deck at side to top of keel 13.49

Destined Voyage Rotterdam

Master M.C. BRAAT

Year of Appointment 1913

Built at WEST HARTLEPOOL

When built 1913 Launched 4<sup>th</sup> Nov. 1912

By whom built Wm Gray & Co. Ld.

Owners "Nederlands" Stoomvaart Maatschappij

Managers —

Residence Amsterdam, Holland

Port belonging to Amsterdam

Surveyed while Building, Afloat, or in Dry Dock Yes

Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Ft.	Ins.	No. of Decks with flat laid
399	10 1/4	Moulded	53	3 1/2	Do.	34	8	Three
Tip per Register,			34.6		Moulded depth, ft 37 ins. 1 1/2		To Awning or Shelter Dk.	
th 400		breadth 53.5	depth 24.1		Upper Deck.		Moulded depth, ft 29 ins. 7 1/2	
							To Upper Dk.	
							Round up of Uppermost Dk. Beam, Actual	
							13 1/2 ins	

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Bars, amidships	9 1/2	3 1/2	52	9 1/2	3 1/2	52	PILLARS, in 'tween Deck, size and spacing	3 1/4	52	3 1/4	52		
	4	3 1/2	44	4	3 1/2	44	" Hold	5 1/4	52	5 1/4	52		
Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" " " " " "	2 7/8	52	2 7/8	52		
" at intermdt. Bkts.	5 1/2	3 1/2	48	5 1/2	3 1/2	48	" " in Hold	-	-	-	-		
mes from centre to centre amidships	26	-	-	26	-	-	KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" " " " " "	26	-	-	26	-	-	CENTRE LINE KEELSON, Vertical Plate above	-	-	-	-	-	-
to collision bulkhead	24	-	-	24	-	-	floors, Through Plate, or Intercostal Plate	-	-	-	-	-	-
mes from centre to centre in peaks	24	-	-	24	-	-	" Rider Plate	-	-	-	-	-	-
FRAME, Angles	-	-	-	-	-	-	" Flat Keel Plate Angles	-	-	-	-	-	-
Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Horizontal Plates on Floors	-	-	-	-	-	-
" at intermdt. Bkts.	5 1/2	3 1/2	48	5 1/2	3 1/2	48	" Angles or Bulb Angles	-	-	-	-	-	-
Depth of girder	9 1/2	-	-	9 1/2	-	-	SIDE KEELSONS, Number	-	-	-	-	-	-
th and thickness of Floor Plate	-	-	-	-	-	-	" Angles or Bulb Angles	-	-	-	-	-	-
line for length amidships	-	-	-	-	-	-	" Plate above floors, for length	-	-	-	-	-	-
of Engine and Boiler spaces	8.55, B.	6.5	8.55, B.	6.5	6.5	6.5	" Intercostal Plate, for length	-	-	-	-	-	-
as at the ends of vessel	-	-	-	-	-	-	" Attached to outside plating with Angle	-	-	-	-	-	-
at 1/2 the half-bdth. as per Rule	-	-	-	-	-	-	BILGE KEELSON, Angles	-	-	-	-	-	-
extended at the Bilges	-	-	-	-	-	-	" Intercostal Plate, for length	-	-	-	-	-	-
Cell Double Bottoms	43	-	45	43	-	45	" Attached to outside plating with Angle	-	-	-	-	-	-
if flanged (top and bottom)	40	-	-	-	-	-	SIDE STRINGERS, Number	-	-	-	-	-	-
ing of Solid	52	-	52	-	-	-	" Angle	6 1/2	3 1/2	60	6 1/2	3 1/2	60
DER, in Dbl. bottom, dpth. & thickness	43	-	50	43	-	50	" " Intercostal Plate, for Full lng.	-	-	44	-	-	44
" Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	50	" Attached to outside plating with Angle	-	-	-	-	-	-
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60	Awning or Shelter Deck Stringer Plates, breadth and thickness	60	54	60	54		
" to Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Angle on ditto	5 x 5	60	5 x 5	60		
ickets at intermdt. frmg., wdth & thkns	21	-	45	21	-	45	" Tie Plates, fore and aft, outside Hatchways	-	-	-	-		
RS, number and thickness	Three	-	45	Three	-	45	" Deck * Iron or Steel, for Full lng.	-	49	-	49		
state if flanged (top & bottom)	40	-	-	-	-	-	" Wood Deck, Material & thickness	-	-	-	-		
les (2 x 3 x 4 1/2) T.B.B.	3 1/2	3 1/2	40	3 1/2	3 1/2	40	Upper Deck Stringer Plate, breadth and thickness	42	48	42	48		
ATE, depth (exclusive of flange)	33	-	48	33	-	48	" Angles on ditto, No.	3 1/2 x 3 1/2	48	3 1/2 x 3 1/2	48		
and thickness	4	4	48	4	4	48	" Tie Plates, outside Hatchways	-	-	-	-		
les to outside plating	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Deck * Iron or Steel, for Full lng.	-	44	-	44		
to floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Wood Deck, Material & thickness	-	-	-	-		
ickets at intermdt. frmg., wdth & thkns	18	-	45	18	-	45	Second Deck Stringer Plates, br'dth & thckn's	42	44	42	44		
ht of Brackets above at bilge	25	-	25	-	-	-	" Angles on ditto, No.	3 1/2 x 3 1/2	48	3 1/2 x 3 1/2	48		
OM PLATING, breadth and	43	-	50	43	-	50	" Tie Plates, outside Hatchways	-	-	-	-		
ess of Middle Line Strake	-	-	-	-	-	-	" Deck * Material and thickness	Stub	30	-	30		
thickness in Engine and Boiler space	8.50, B.	5.6	8.50, B.	5.6	5.6	5.6	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	-	-	-	-		
" Remainder in Holds	-	-	40	-	-	40	" Angles on ditto, No.	-	-	-	-		
or Shlter Dk, Single Angle	9	3 1/2	52	9	3 1/2	52	" Tie Plates, outside Hatchways	-	-	-	-		
Angle, Plate, Tee Bulb or Channel	26	-	26	-	-	-	" Deck, Material and thickness	-	-	-	-		
or Deck, Single Angle, Bulb Angle, Tee Bulb or Channel	9	3 1/2	52	9	3 1/2	52	Poop Deck Stringer Plate, breadth & thickness	-	-	-	-		
and, Third & Fourth Deck, Single Angle, Plate, Tee Bulb or Channel	26	-	26	-	-	-	" Angles on ditto	-	-	-	-		
upper edge	11	3 1/2	56	11	3 1/2	56	" Tie Plates	-	-	-	-		
Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	26	-	26	-	-	-	" Deck, Material and thickness	-	-	-	-		
gles on upper edge	9	3 1/2	52	9	3 1/2	52	Bridge Deck Stringer Plate, br'dth & thickness	-	-	-	-		
ing	-	-	-	-	-	-	" Angle on ditto	-	-	-	-		
idge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	-	-	-	-	-	-	" Tie Plates	-	-	-	-		
" Angles on upper edge	-	-	-	-	-	-	" Deck, Material and thickness	-	-	-	-		
" Spacing	-	-	-	-	-	-	Forecastle Deck Stringer Plate, br'dth & th'kns	-	-	-	-		
	-	-	-	-	-	-	" Angle on ditto	-	-	-	-		
	-	-	-	-	-	-	" Tie Plates	-	-	-	-		
	-	-	-	-	-	-	" Deck, Material and thickness	-	-	-	-		



WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing		-	-	-	-	KEEL, Bar, depth and thickness		Flat Plate Keel	
" " " brdth. & thickness		-	-	-	-	STEM, moulding and thickness		10 1/2" x 2 3/4" 10 1/2" x 2 3/4"	
" " " No. of Side Stringers " "		-	-	-	-	STERN-POST for Rudder do. do.		9" x 7 1/2" 9" x 7 1/2"	
WEB-FRAMES, In E. & B. Space, No. & spacing		Frames nos. 4 to 10 inclusive				" for Propeller		10 1/2" x 7 1/2" 10 1/2" x 7 1/2"	
" " " brdth. & thickness		ins. 0 1/4 in line of web frames				" " " " at heel		8 8	
WEB-FRAMES, In After Body, No. and spacing		-	-	-	-	" " " " at heel		8 8	
" " " brdth. & thickness		-	-	-	-	" " " " at heel		8 8	
" " " No. of Side Stringers " "		-	-	-	-	" " " " at heel		8 8	
" " " Size of Face Angles to Web-Frames		-	-	-	-	" " " " at heel		8 8	
BRACKET PLATES to Stringers between Web Frames, depth and thickness		-	-	-	-	" " " " at heel		8 8	

BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.	RUDDER, how constructed	
Vessel.	Per Rule.	Inches.	Horizontal. Size. Spacing. Inches.	Vertical. Size. Spacing. Inches.				Forged iron frame with single plate	
W.T. BULKHEADS		6	3/16 - 3/8	B.A. 1 1/2 x 3 1/2		30	Single upper deck	Thickness of Plate or Single Plate 1.02 ins.	
" COLLISION "		3	3/8 x 1/2	B.A. 1 1/2 x 3 1/2		24	Single upper deck	Can the Rudder be unshipped afloat? Yes.	
PARTITION		1	1/2	B.A. 1 1/2 x 3 1/2		24	Single upper deck	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.?	
LONGITUDINAL		1	1/2	B.A. 1 1/2 x 3 1/2		24	Single upper deck	STEEL By - Roman, Long & Co.; Cornett Iron Co.; Palmers S. & J. Co.; Cargo Fleet S. Co.; South Durham S. Co.	
								IRON By - Newport Rolling Mills and South Durham Steel and Iron Co.	
								Has the Steel been tested as required by the Rules? Yes.	

PLATING.										RIVETING.													
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES. Ordinary or joggled? ordinary				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.	Breadth.	Thickness.			Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	For what Length.	
FLAT PLATE KEEL		14 1/2	1.00	1.00	1.00	14 1/2	1.00	14 1/2	1.00	Double	6	1	4	Quad.	1 1/8	1 1/2	-	-	16	16	16	16	
GARBOARD OR A STRAKE		14 1/2	1.00	1.00	1.00	14 1/2	1.00	14 1/2	1.00	Double	6	1	4	Quad.	1 1/8	1 1/2	-	-	16	16	16	16	
State actual thickness in way of Double Bottom.										do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
B			.64	.60	.48		.64		.64	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
C			.64	.48	.50		.64		.64	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
D			.64	.48	.48		.64		.64	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
E			.64	.54	.58		.64		.64	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
F			.64	.48	.50		.64		.64	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/2	-	-	12	12	12	12	
G			.66	.44	.50		.66		.66	do.	5 1/4	7/8	3 1/2	Treble	7/8	3 1/8	-	-	9	9	9	9	
H			.62	.44	.44		.62		.62	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/8	-	-	9	9	9	9	
J			.66	.44	.46		.66		.66	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/8	-	-	9	9	9	9	
K			.62	.46	.46		.62		.62	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/8	-	-	9	9	9	9	
U.D. SHEER			.62	.46	.46		.62		.62	do.	5 1/4	7/8	3 1/2	do.	7/8	3 1/8	-	-	9	9	9	9	
SHEER DECK DO.		14 1/2	.68	.46	.46	14 1/2	.68			do.	5 1/4	7/8	3 1/2	Quad.	7/8	3 1/2	-	-	12	12	12	12	
(Bulwark)			.25	.30	.25					Single	5 1/2	7/8	1	Single	3/4	3	-	-	3	3	3	3	
O																							
P																							
Q																							
R																							
S																							
T																							
U																							
V																							
W																							
THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF FLAT PLATE KEEL		COMPLETE SHELTER DECK.																					
" Sheerstrakes Length and thickness.																							
POOP SIDES																							
SHORT BRIDGE SIDES																							
FORECASTLE SIDES																							

Butts, treble riveted for full length amidship.	Butts of Side Stringers Treble riveted.
Straps, single, double or overlapped for full length amidship.	" Tie Plates riveted.
Upper Deck Butts, treble riveted for full length amidship.	Inner Bottom Plating, riveting of Edges Dble. + Single Butts Dble. + Single
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 1/4 apart.
	Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from Middle line to Tank Sides & thence to Gunwork	State if ordinary or joggled Joggled in Dble. Bottom
REVERSED FRAMES on floors and frames extend from Middle line to Tank Sides.	State if ordinary or joggled Joggled in Dble. Bottom
- 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	Steel 52'-9"	24" x 9/16"	24" x 7/16"	-	19 1/2" x 7/16"	Two	-	-	Single	Dble. + Treble
		Main	do 54'-3"	24" x 9/16"	24" x 7/16"	-	19 1/2" x 7/16"	Two	-	-	do.	do.
		Mizen	-	-	-	-	-	-	-	-	-	-
Bowsprit		-	-	-	-	-	-	-	-	-	-	-
Topmasts, Yards and Remainder of Spars		Pitch Pine										
Rigging, Material and Size, Shrouds		3 1/8" steel wire (galvanized).										
Stays		4 1/8" steel wire (galvanized).										
Sails.		Sails, and the following spare sails.										







GENERAL REMARKS—(continued).

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 *Complete Shelter Deck without Lonnage opening.*

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) *Two steel decks and a Shelter deck of steel*

Official No. — ; Signal Letters — State if Machinery is fitted aft *no*.  
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.		Water Capacity.		Where Fitted.	*Length.		Water Capacity.	
	Feet.	Tons.	Feet.	Tons.		Feet.	Tons.	Feet.	Tons.
Double bottom, aft,	132.2	380			Fore peak tank,	—	—		
Double bottom, under Engines and Boilers,	—	—			After peak tank,	—	24		
Double bottom, if under Engines only,	28.2	128			Deep tank, aft,	—	860		
Double bottom, if under Boilers only,	41.2	188			Deep tank, forward,	—	—		
Double bottom, forward,	153.8	503			Other tanks, if fitted,	—	—		
	Total capacity of double bottom		1199		(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. *2136*  
Date *21<sup>st</sup> June 1912*  
No. *816* in builder's yard.  
DATES of Surveys held while building  
*1912 May 23.30.31. Jun 6.10.12.14.24.25.27. Jul 2.12.16.22.30. Aug 12.16.23.28.29. Sept 1.2.3.6.11.16.19.24. Oct 5.8.9.11.14.16.18.21.28.29.30. Nov 1.4.8.14.18.20. Dec 6.11.12.19.21.23.30. 1913 Jan 6.7.8.9.13.15.16.*  
Total No. of Visits *60.*

Surveyor's Signature *William H. Waring* Lloyd's Register Foundation