

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office

REC'D NEW YORK

May 22, 1917

Date of completion of report 12<sup>th</sup> May 1917. Port of Philadelphia Pa No. 2566  
Survey held at Wilmington Del Date, First Survey 7<sup>th</sup> December 1915 Last Survey 8<sup>th</sup> May 1917

On the (State if Single, Twin, or Triple Screw) SINGLE SCREW STEAMER "BENJAMIN BREWSTER" Rig 3-Mast Schooner (No sails)

TONNAGE under Tonnage Deck... 5091.25  
Do. between Tonnage Dk. and 3rd and 4th Dk. ...  
Total under Upper Dk. 5091.25  
Do. of Poop 111.90  
Do. of R.Q.Dk. ...  
Do. of Bridge House 46.02  
Do. of Forecastle 63.84  
Do. of Houses on Dk. 190.50  
Do. of excess of Hatchways ...  
Do. above Crown of Engine Room ... 76.63  
Gross Tonnage 5579.94  
Less Crew Space 312.73  
Less above Crown of ...  
Room ... 1785.58  
ion Spaces 29.60  
ump Room ... 72.67  
nnage 3379.36

CLASS \* 100 A1

Breadth (greatest moulded) 53.08  
Depth, at middle of length from top of keel to top of upper deck beams at side 31.00  
Transverse Number 184.08  
Length on deck from fore part of stem to after part of stern post 412.00  
Longitudinal Number 134640  
Depth "d," at middle of length (See Secs. 2 & 13) ...  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 13.2  
" " Long Bridge Deck Beam at side to top of keel ...  
Destined Voyage New Orleans If Surveyed while Building Afloat, or in Dry Dock Yes.

Master Charles A. Peters  
Year of appointment (1) As Master in service of owner of present vessel: 191-7  
(2) As Master of this vessel: 191-7  
Built at Wilmington Del  
When built May 1917 Launched 20<sup>th</sup> Feb. 1917  
By whom built The Harlan & Hollingworth Corp.  
Owners The Standard Oil Co of New Jersey.  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence 26 Broadway, New York City  
Port belonging to Bayonne

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
rule ...	412	0	Moulded ...	53	1	Top of Floors to top of Upper Dk. Beams	31	0	Two
						Do. do. do. do. Second Dk. Beams	24	0	No. of Tiers of Beams Two
Moulded depth, ft. 38 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.									
of Ship per Register, Length 411.6 breadth 53.4 depth 29.8 Moulded depth, ft. 31 ins. 0 To Upper Dk. Dk. Beam, Actual 13 ins.									
FRAMING.						PILLARS.			
attached to 4 <sup>th</sup> page.						PILLARS, In 'tween Deck, size and spacing			
Angles, or [ or ] Bars amidships ...						" " Hold " "			
eaks. After Peak only ...						" " Quarter 'tween Dks., " "			
ay of Double Bottoms at Solid Floors ...						" " in Hold " "			
" at intermdt. Bkts. In Engine Room only						KEELSONS & STRINGERS.			
Frames from centre to centre amidships						CENTRE LINE KEELSON, Vertical Plates above			
" " from # 26 <sup>th</sup> In Engine Room only						floors, Through Plate or Intercoastal Plate			
" length to Collision bulkhead						" Rider Plate ...			
" " in peaks. 24 <sup>th</sup> After Peak only						" Flat Plate Keel Angles ...			
ED FRAME, Angles. Double In Engine Room only						" Horizontal Plates on Floors ...			
ay of Double Bottoms at Solid Floors ...						" Angles or Bulb Angles ...			
" at intermdt. Bkts.						SIDE KEELSONS, Number			
depth of girder ...						" Angles or Bulb Angles ...			
depth and thickness of Floor Plate						" Plate above floors, for length...			
at mid-line for # length amidships...						" Intercoastal Plate, for length			
ay of Engine and Boiler Spaces ...						" Attached to outside Plating with Angle...			
kness at the ends of vessel ...						BILGE KEELSON, Angles			
h at 1/2 the half breadth, as per Rule ...						" Intercoastal Plate for length			
ht extended at the Bilges						" Attached to outside Plating with Angle ...			
n Cell. Double Bottoms L.R. only						SIDE STRINGERS, Number			
state if flanged (top & bottom) ... N.A.						" " Angle			
Spacing of Solid floors 26 <sup>th</sup> 1/4						" Intercoastal Plate, for length			
RIDER, in Dbl. bottom, dpth. & thcknss. 7 <sup>th</sup> 1/2						" Attached to outside plating with Angle...			
" Angles, Top 3 <sup>th</sup> 3 <sup>th</sup> 1/4						Upper Deck Stringer Plate, br'dth & thickness			
" Bottom 6 6 1/2						(clear of Bridge)			
" T BAR to Floors 6 6 1/2						" " " " br'dth & thickness			
ackets at intermdt. frmg., wdth & thkns						(in way of Bridge)			
BERS, number on each side & thickness One 1/40						" " Angle (clear of Bridge) ...			
" state if flanged (top and bottom) N.A.						" " Tie Plate at sides of Hatchways...			
" Angles (top and bottom) TOP 6 3 <sup>th</sup> 1/2						" Deck. * Iron or Steel, for full lng.			
" " BOTTOM 3 <sup>th</sup> 3 <sup>th</sup> 1/4						" " Thickness (clear of Bridge) ...			
" " to Floors 5 5 1/4						" " (in way of Bridge) ...			
" " depth (exclusive of flange) Level 1.50						" " Wood Deck, Material & thickness			
" " and thickness ...						Second Deck Stringer Plate, br'dth & thickness			
" " Angle to Outside Plating ...						" Angles on ditto, No. ...			
" " Floors ...						" Tie Plates outside Hatchways ...			
ackets at intermdt. frmg., wdth & thkns						" Deck. * Iron or Steel, for full lng.			
ight of Outside Brackets above at bilge Longitudinal framing						" " Wood Deck, Material & thickness			
OTTOM PLATING, breadth and thickness of Middle Line Strake ER 1 BR 56 ER 1 BR 56						Third Deck Stringer Plate, br'dth & thickness			
" " in Engine and Boiler space ER 50 BR 48 ER 50 BR 48						" Angles on ditto, No. ...			
" " Remainder in Holds ...						" Tie Plates, outside Hatchways...			
pper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck. * Material and thickness			
" " way of Long Bridge ...						Fourth and Fifth Deck Stringer Plate, breadth & thickness			
acing ...						" " Angles on ditto, No. ...			
cond Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" " Tie Plates outside Hatchways			
" " spacing ...						" " Deck, Material & thickness			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness			
" " Angles on upper edge ...						" Angle on ditto ...			
" " Spacing ...						" Tie Plates ...			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck, Material and thickness			
" " Angles on upper edge ...						Bridge Deck Stringer Plate, br'dth & thickness			
" " Spacing ...						" Angle on ditto ...			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates ...			
" " Angles on upper edge ...						" Deck, Material and thickness			
" " Spacing ...						Forecastle Deck Stringer Plate, b'dth & th'kns			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto ...			
" " Angles on upper edge ...						" Tie Plates ...			
" " Spacing ...						" Deck, Material and thickness			

2150-0013 1/2



[illegible]

EQUIPMENT No. 36042				LETTER Z				ANCHORS.				TONNAGE U.K. OR PLATING No. FOR TRAWLERS.					
Number of Certificate.	Makers.	WEIGHT, E.E. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cw.	qrs.	lbs.	Owts.	qrs.				lbs.
3165	1st Bower	64	0	7	50	10	0	0	63	3	0	Valdi	Valdi Anchor Co. Chester 11/8/16 W. Craig				
3520	2nd "	51	1	20	13	3	23	43	4	2	31	51	0	0	Latham	" " " 27/11/16 J. Adamson	
3518	3rd "	51	0	13	11	3	19	43	1	2	7	43	2	0	"	" " " 27/11/16 " "	
	4th "																
	Collective weight.	166	2	12								158	1	0			
3704	Stream	19	0	22	4	3	8	20	1	3	14	17	2	0	Common	Valdi Anchor Co. Chester 26/11/16 J. Adamson	
3700	Kedge	7	2	10	2	0	6	9	15	3	21	7	2	0	"	" " " 27/12/16 " "	
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test. 1st Bower Head 45-8-26 Shank 18-0-9 v.c. 3165 11/8/16 Drop test Head 12 ft. Shank 18 ft. 2nd " Anchor 51-1-20 F.A. 3520 27/11/16 Drop test Head 12 ft. Shank 18 ft. 3rd " Anchor 51-0-13 F.A. 3518 27/11/16 Drop test Head 12 ft. Shank 15 ft. 4th " ✓																	
CHAIN CABLES.												HAWSETERS 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 Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Twine.	Length and Size per Table 31.	
	Fathoms.	Inch.	Status.	Break-ing.	Supplied.	Per Rule.	Fathoms.	Inch.					Fathoms.	Inch.		Tons.	Cir.
182	270	2 1/4	91/8	127/8	721-1-0	682-1-11	270	2 1/4	Widmark Chain Co	W. Craig	27/11/16	TOWLINE	120	5	7 1/2	120	5
Iron Stream Chain Wire	90	4 1/4	-	65 1/2	-	-	90	4 1/4	Hollingsworth & Hollinsworth Ltd	W. Craig	18/11/16 J. Adamson	HAWSETERS & WARPS	2-120	9	Manilla	2-90	8
Boats Four Lifeboats and one Dinghy Steering Gear, Steam by Hydraulic Windlass Steering Gear, Hand operated at quadrants Pumps, Number As per approved Pumping Plan Diameter of Barrel State whether they are in efficient working order ✓ Windlass is Steam by the Hydraulic Windlass Company Capstan ✓ Engine Room Skylights.—How constructed? Steel plates angles What arrangements for deadlights in bad weather? Steel flaps + bullseyes Coal Bunker Openings.—How constructed? Steel plates angles How are lids secured? Chocks + battens Height above deck? 3 ft. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 8 scuppers each side, 9 freeing ports each side 36"x18" Ceiling in Holds, thickness and material. None Cargo Battens, thickness and material. None Cargo Hatchways.—How formed? Steel plates and angles Hatches, If strong and efficient? Yes efficiently stiffened State size No. 1 Hatch (Forward) 11' 11" x 9' 11" No. 2 Hatch No. 3 Hatch No. 4 Hatch Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 28 On Hatchways on upper dk 6' 0" x 11" Creamings 30' x 40" No. of Breasthooks Eleven No. of Crutches Deep floors Bulwarks, height above deck and description 42' x 30 steel plates Main rail, material and size. Steel 6" yzack bar. The foregoing is a correct description. Builder's Signature (here only) J. J. J. Surveyor's Signature James S. Butler 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). SECY M 2/12/16 14/12/16 24/1/17 NEW YORK 18/10/16 26/11/16 27/11/16.																	
Workmanship. Are the butts of plating planed or otherwise fitted? Planed where practicable 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? A few Are the butts of Plating, Stringers, &c., properly shifted and stopped? OVERLAPPED? 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 is similar to the S.S. "Pearl Shell" (Photo Rpt. N° 2452) and has been built in accordance with the Rules, the approved plans and the Secretary's letters of the above mentioned date. All the cargo oil tanks, Cofferdams and Oil Fuel Bunkers have been tested as required by the Rules and found satisfactory. The vessel is fitted with Wireless, and submarine signalling apparatus. Copies of the approved plans of midships section and Profile and Decks and Casting + Forging Reports are forwarded herewith. Requirements of Section 49 have been complied with.																	
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, The amount of Entry Fee, £ \$ : 25 : 00 Under 1917 Special Survey Fee, £ \$ : 82 : 50 Received by me. Travelling Expenses, if any £ \$ : 60 : 00 Mary K. 1917 NEW YORK EXPENSES \$ 22 00 State whether the Vessel has been built under Special Survey. yes I am of opinion this Vessel should be Classed * 100A1 Carrying Petroleum in bulk Longitudinal framing With, or without Freeboard, as condition of Class Without. Committee's Minute New York MAY 24 1917 Character assigned + 100A1 Carry Pet in bulk + LMC 5-17 Note Long Framing Fitted for oil fuel 5-17 F.P. above 150°F. Elc light at Cp Equip. Fr. Z F.D. James S. Butler Surveyor to Lloyd's Register of Shipping.																	



# PARTICULARS OF LONGITUDINAL FRAMING.

GE.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.						
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.	
Framing of																				
Frames in Bridge 'tween Decks ...		6	3	406	6	3	406	6	3	406	6	3	406	7/8	4 1/2	4 1/2				
Frames from Uppermost Continuous Deck		7	3 1/2	38	7	3 1/2	38	7	3 1/2	38	7	3 1/2	38	7/8	5 1/4	5 1/4		7	7/8	
Framing from Awning, Shelter or Upper Deck to Margin Plate.		" 2	7	3 1/2	38	7	3 1/2	38	7	3 1/2	38	7	3 1/2	38	7/8	5 1/4	5 1/4		7	7/8
		" 3	7	3 1/2	42	7	3 1/2	42	7	3 1/2	42	7	3 1/2	42	7/8	5 1/4	5 1/4		8	7/8
		" 4	8	3 1/2	38	8	3 1/2	38	8	3 1/2	38	8	3 1/2	38	7/8	5 1/4	5 1/4		8	7/8
		" 5	8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	7/8	5 1/4	5 1/4		8	7/8
		" 6	9	3 1/2	40	9	3 1/2	40	9	3 1/2	40	9	3 1/2	40	7/8	5 1/4			8	7/8
		" 7	9	3 1/2	46	9	3 1/2	46	9	3 1/2	46	9	3 1/2	46	7/8	5 1/4			10	7/8
		" 8	10	3 1/2	438	10	3 1/2	438	10	3 1/2	438	10	3 1/2	438	7/8	5 1/4	3 1/16 for 9 rivets		10	7/8
		" 9	10	3 1/2	46	10	3 1/2	46	10	3 1/2	46	10	3 1/2	46	7/8	5 1/4			10	7/8
		" 10	10	3 1/2	46	10	3 1/2	46	10	3 1/2	46	10	3 1/2	46	7/8	5 1/4			10	7/8
		" 11	13	4	40	13	4	40	13	4	40	13	4	40	7/8	5 1/4	3 1/16 for 9 rivets		16	7/8
		" 12	13	4	43	13	4	43	13	4	43	13	4	43	7/8	5 1/4			16	7/8
		" 13-16	13	4	45	13	4	45	13	4	45	13	4	45	7/8	5 1/4			12	7/8
		" 14	GIRDER 47 1/2 x 40		GIRDER 47 1/2 x 40		7/8 5 1/4													
		" 15	13	4	45	13	4	45	13	4	45	13	4	45	7/8	5 1/4			12	7/8
		" 16																		
		Spacing of Longitudinal Frames		Amidships			30			30			30							
		At Ends			21			21			21									
Double Bottoms		Tank Top Longitudinals			7 3 1/2 52			7 3 1/2 52			7/8 5 1/4			In Boiler Room only						
		Bottom			7 3 1/2 46			7 3 1/2 46			7/8 5 1/4									
Spacing of Longitudinals		Amidships			30			30			30									
		At Ends			30			30			30									
Transverses.														Rivets in Lugs to Shell Diam. Spacing.						
In Bridge 'tween Decks		Depth and Thickness		Wing Bulkheads in lieu efficiently stiffened.																
		Face Angles																		
		Lugs to Shell*																		
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness		18 1/2 40 18 1/2 40 18 1/2 40 18 1/2 40																
		Face Angles		4 3 1/2 44 4 3 1/2 44 4 3 1/2 44 4 3 1/2 44																
		Lugs to Shell*		3 1/2 3 1/2 40 3 1/2 3 1/2 40 3 1/2 3 1/2 40 3 1/2 3 1/2 40										7/8 4		Joggled				
In Hold.		Depth and Thickness		28 1/2 46 28 1/2 46 28 1/2 46 28 1/2 46																
		Face Angles		6 1/4 60 6 1/4 60 6 1/4 60 6 1/4 60																
		Lugs to Shell*		6 1/4 46 6 1/4 46 6 1/4 46 6 1/4 46										7/8 4		Joggled				
		Brackets		40 4 46 40 4 46 40 4 46 40 4 46																
Spacing of Transverse Frames		State if joggled or liners.		8' 8" 8' 0" FORD. 8' 8" 8' 0" FORD. 8' 8" 8' 0" FORD.																
				8' 8" AFT																
Longitudinal Beams of		Bridge Deck ...		6 3 34										Spacing. 40						
		Awg. or Shltr. Dk.																		
		Upper		6 3 406										21 16 31		Transverse				
		Second		7 3 1/2 42										24 16 27		Beams.				
		Third																		

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

150,10,11. T.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 114.25 ft., R.Q.D. ft., Bridge 29.25 ft., Forecastle 40.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *Not joined*

No. and Material of Decks (if ~~Iron~~ Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as centages should appear in the Register Book) *2 DKS (STL) & WEB FRAMES, LONGITUDINAL FRAMING.*  
 Official No. *215-002*; Signal Letters *L.H.B.N.* State if Machinery is fitted aft *Yes.*  
 How are the surfaces preserved from oxidation? Inside *Portland Cement and paint* Outside *Paint*  
*outside of Oil tanks*

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

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, <i>UNDER OIL FUEL BUNKER</i>	13.00	5.5	Fore peak tank,		10.6
Double bottom, under Engines and Boilers,			After peak tank,		1.05
Double bottom, <del>at</del> under Engines <i>only</i> ,	40.21	11.0	Deep tank, aft,		
Double bottom, <del>at</del> under Boilers <i>only</i> ,	26.37	8.0	Deep tank, forward, (WATER BALLAST OR OIL FUEL)	32.00	33.6
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	24.5	(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. *58*  
 Date *21st Sept 1915*  
 No. *441* in builder's yard.  
 DATES OF SURVEYS held while building  
*1915 DEC 7, 16, 21, 28, 31, 1916 JAN 5, 11, 14, 24, 28, FEB 11, 16, 18, 28, MARCH 9, 20, 23, 27, 30, APRIL 4, 10, 13, 25, 27, MAY 3, 10, 12, 16, 22, 24, 31, JUNE 3, 12, 20, 26, JULY 6, 11, 12, 20, 27, 31, AUG. 7, 15, 23, 30, SEPT 5, 8, 13, 15, 18, 21, 25, 27, 29, OCT 4, 17, 25, 27, 31, NOV 8, 10, 14, 20, 22, DEC 1, 5, 8, 14, 18, 21, 29, 1917 JAN 2, 5, 9, 12, 15, 18, 22, 26, 30, FEB 3, 7, 8, 10, 19, 23, MARCH 1, 6, 9, 15, 20, 21, 23, 28, 30, APRIL 2, 4, 10, 16, 19, 23, 27, 30, MAY 2, 4, 8, 11, Total No. of Visits *110.**

Surveyor's Signature

*James B. Parker*  
 Lloyd's Register Foundation