

awning or Shelter Deck,  
or Pt. Awning Deck.

# STEEL STEAMER.

No. 4832

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *24. 9. 20* Received at London Office *TUE OCT 12 1920*  
Date, First Survey *15. 6. 1914* Last Survey *24. 8. 1912*

*S. "BRENTA"* *77713* Rig *Fore and aft*

CLASS *100 A. 1* Master *P. PALESE*

Year of Appointment *1910*

Built at *Trieste*

When built *Launched 8/5/17*

By whom built *Cantieri S. A.*

Owners *Navigazione Libera Triestina*

Managers *Trieste*

Residence *Trieste*

Port belonging to *Trieste*

Destined Voyage *Gibraltar*

If Surveyed while Building, Afloat, or in Dry Dock while building

Length *400.62* breadth *52.12* depth *12.19*

FRAMING. *ME, Angles, or E L Bars, amidships* *10 3 1/2 58 10 3 1/2 58*

*in peaks* *5 1/2 3 1/2 36 6 3 1/2 36*

*in way of Double Bottoms at Solid Floors* *3 1/2 3 1/2 40 3 1/2 3 1/2 40*

*at intermdt. Bkts.* *9 1/2 3 1/2 52 9 1/2 3 1/2 52*

*ing of Frames from centre to centre amidships* *30 1 30*

*length to collision bulkhead* *2 x 1 2 x*

*of Frames from centre to centre in peaks* *2 x 1 2 x*

*ERSED FRAME, Angles* *3 3 1/2 36 3 3 1/2 36*

*in way of Double bottoms at Solid Floors* *3 1/2 3 1/2 40 3 1/2 3 1/2 40*

*at intermdt. Bkts.* *9 1/2 3 1/2 48 9 1/2 3 1/2 48*

*MINING, depth of girder* *10 10*

*ORS, depth and thickness of Floor Plate* *10 10*

*at mid-line for 1/2 length amidships* *10 10*

*in way of Engine and Boiler spaces* *10 10*

*thickness at the ends of vessel* *10 10*

*depth at 1/2 the half-bdth. as per Rule* *10 10*

*height extended at the Bilges* *10 10*

*ORS, in Cell Double Bottoms* *42 40 42 40*

*state if flanged (top and bottom)* *no no*

*spacing of Solid* *50 50*

*TRE GIRDER, in Dbl. bottom, dpth. & thickness* *42 50 42 50*

*Angles, Top* *5 5 6 1/2 4 1/2 4 1/2 6*

*Bottom* *5 5 6 1/2 4 1/2 4 1/2 6*

*to Floors* *5 1/2 5 1/2 5 1/2 5 1/2*

*Brackets at intermdt. frmg., width & thkness* *36 40 36 40*

*E GIRDERS, number and thickness* *Two 42 Two 42*

*state if flanged (top & bottom)* *no no*

*Angles* *3 1/2 3 1/2 42 3 1/2 3 1/2 40*

*GIN PLATE, depth (exclusive of flange)* *38 46 38 46*

*and thickness* *38 46 38 46*

*Angles to outside plating* *3 1/2 3 1/2 46 3 1/2 3 1/2 46*

*to floors* *5 1/2 3 1/2 40 5 1/2 3 1/2 40*

*Brackets at intermdt. frmg., width & thkness* *26 40 26 40*

*Height of Brackets above at bilge* *26 26*

*ER BOTTOM PLATING, breadth and* *42 50 42 50*

*thickness of Middle Line Strake* *42 50 42 50*

*thickness in Engine and Boiler space* *42 50 42 50*

*Remainder in Holds* *42 50 42 50*

*MS, Awning or Shlter Dk, Single Angle,* *6 3 1/2 50 6 3 1/2 50*

*Bulb Angle, Plate, Tee Bulb or Channel* *6 3 1/2 50 6 3 1/2 50*

*Spacing* *30 30*

*MS, Upper Deck, Single Angle, Bulb Angle,* *7 1/2 3 1/2 46 7 1/2 3 1/2 46*

*Plate, Tee Bulb or Channel* *7 1/2 3 1/2 46 7 1/2 3 1/2 46*

*Spacing* *30 30*

*MS, Second, Third & Fourth Deck, Single* *30 30*

*Angle, Bulb Angle, Plate, Tee Bulb or Channel* *30 30*

*Angles on upper edge* *30 30*



[illegible]



M. 1914 May 28

Workmanship. At

S. S. BRENTA (ex Narenta) 5400.16 tons gross

EQUIPMENT No. 33245 LETTER *y*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
12460	1st Bower	64	0	0				50.5				60	0	0	Stockless (Cast Steel)	Brown Lenox & Co. Ltd., Pontypridd	Cardiff 11.9.17 Geo. W. Penn.
12461	2nd „	63	1	0				50.1				60	0	0	"	"	Cardiff 11.9.17 Geo. W. Penn.
12593	3rd „	53	2	7				44.5				50	2	0	"	"	Cardiff 13.12.17 Geo. W. Penn.
	Collective weight	180	3	7								170	2	0			
12553	Stream	19	1	14	5	0	7	20.2				16	1	0	Common Anchor	Brown Lenox & Co. Ltd., Pontypridd	Cardiff 14.11.17 Geo. W. Penn.
12547	Kedge	7	3	0	1	3	21	9.9				7	0	0	"	"	Cardiff 13.11.17 Geo. W. Penn.

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 *Cardiff Drop test Certificate No 2841*  
2nd „  
3rd „

*James C. Dykes.*  
*Trieste Oct. 16<sup>th</sup> 1920.*

CHAIN CABLES.

Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Fathoms and Size Per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Cir.		Length.	Cir.
19783	240	2 3/16	86 1/2	120.5	575	2.17			270	2 3/16	steel link	Brown Lenox & Co. Ltd., Pontypridd	Cardiff 29.8.1917 Geo. W. Penn.	TOWLINE	120	4 3/4	X	120	4 3/4
20008	30	2 3/16	86 1/2	120.5	71	3.26						"	Cardiff 13.12.1917 Geo. W. Penn.	HAWSERS & WARPS	20	90	2 3/4		
	76				Total	647	2.15	645	3.0						90	2 1/2			
Iron Stream Chain or Steel Wire...	90	4 3/4	47						90	4 3/4	Steel Wire	Hawkins & Tipson			30	90	8"	Manilla	2-90.8"
															30	90	7"	Manilla	2-90.7"

*with the builders by its Jaws on the 15.6.1918 when it was arranged to run on  
bulwarks equivalent to those approved for the insulars, building it as before.*

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

P. T. O.

W1044-01193

Lloyd's Register



## EQUIPMENT NO. 33245 LETTER Y. ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
12461	1st Bower	63	1	0				50.1				60	0	0	Shackled (but steel)	Brown Line & Co	Corruff. 11. 9. 17 G.W. P.
	2nd "	64										60	0	0	"	"	"
12593	3rd "	53	2	7				44.5				50	2	0	"	"	13. 12. 17 G.W. P.
	Collective weight	180										170	2	0			
12563	Stream	19	1	14	5	0	7	20.2				16	1	0	Common anchor	"	14. 11. 17 G.W. P.
12544	Kedge	7	3	0	11	3	21	9.9				7	0	0	"	"	13. 11. 17 G.W. P.

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

1st Bower

2nd "

3rd "

## CHAIN CABLES.

## HAWSERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.
19783	240	2 1/16	86 1/8	120.5	64 1/2	2.14	64 1/2	3.0	2 7/8	2 1/16	Steel line Brown Line & Co	Corruff. 17. 9. 17 G.W. P.	TOWLINE	120	4 3/4		
													WSERS & WARPS	2.90	2 3/4		
														90	2 1/2		
														3.90	8"	hairs	
														3.90	7	hairs	

Boats 2 life boats, 1 cutter, 1 dinghy

Steering Gear, Steam Atlas Works.

Steering Gear, Hand

Pumps, Number

Diameter of Barrel 5 1/2"

State whether they are in efficient working order

Windlass is

Capstan

Engine Room Skylights.—How constructed? Plates, angles.

What arrangements for deadlights in bad weather? Steel flaps with glass eyes.

Coal Bunker Openings.—How constructed? Plates, angles.

How are lids secured? Tarpauline cleats

Height above deck?

Number of Scuppers, and numbers and dimensions of Freeing Ports, &amp;c.

8 each side, 4 freeing ports 40" x 20"

Ceiling in Holds, thickness and material

2 1/2 Pine Cargo Battens, thickness and material 6 x 2 Pine.

Cargo Hatchways.—How formed?

Plates, angles.

Hatches, If strong and efficient?

State size No. 1 Hatch (Forward) 28' 0" x 20' 0"

No. 2 Hatch 24' 6" x 20' 0"

No. 3 Hatch 14' 6" x 14' 0"

No. 4 Hatch 25' 0" x 20' 0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

No. of Breasthooks

No. of Crutches

Bulwarks, height above deck and description

at side of bow 48" with 2 P. stays. Main Rail and Stays, material and size 7 6 x 3 1/2 x 60.

The foregoing is a correct description.

Surveyor's Signature

Surveyor to Lloyd's Register of Shipping.

Builder's Signature (here only)

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) D 16. 7. 14 E 1. 7. 14, M. 1914 May 28, Apr 30, June 9, 10, 11, 30, July 9, 28, 30, 1919 Nov 18.

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

Is the riveted work properly closed?

Are the liners between the frames and plates solid single pieces?

Do the holes for riveting plate to frames, butt straps, or plate

to plate, &amp;c., conform well to each other?

Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces?

Do any rivets break into or through the seams or butts of the plating?

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?

State results of tests

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

State results of tests

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

The quality of the workmanship is good. The vessel has been built in accordance with the rules and the approved plans. She was entered at the builders good and well looked after from the day she was launched till the time she was seen. The bottom was examined in dry dock on August the 6th 1920 and found in very good condition.

The assignment of the date of build is submitted for the favourable consideration of the Committee.

For particulars about one iron bow anchor & 2 lengths of chain cable the particulars for which are not entered in his Report see attached letter.

It will be also noted that the soundings of the various bulkheads at frames No 86 & 106 are not in accordance with the approved profile. This point was discussed with the builders by Mr. Jones on the 15. 6. 1914 when it was arranged to make these bulkheads equivalent to those approved for the insular building at Newcastle.

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

Plans to be forwarded with P.E. Report showing vessel as built.

P. T. O.

The amount of Entry Fee £ 573.-  
Special Survey Fee £ 12480.-  
Travelling Expenses, if any £ 2689.-

Fees applied for,  
28. 10. 16  
28. 11. 19  
27. 11. 20  
Received by me,  
16. 11. 16  
12. 11. 19  
13. 11. 20

Certificate to be sent to this office Date of issue 4. 10. 20.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

100 A. 1. "Hulls and"

With, or without Freeboard, as condition of Class

With freeboard

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

TUE. OCT. 26 1920

100 A. 1.  
Shells etc. with pld.

Lloyds Adm. Co.

Lloyds Ltd.

+ L.M. 6. 9. 20  
F.D.

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Lloyd's Register

Foundation

W1044-0193



GENERAL REMARKS—(continued).

The approved plans are enclosed. (under separate cover)  
The question of the mauling of the edges of the shell has been looked into by the Sub Committee of the V.A. at their meeting of the 12.2.15. and approved in this instance.

Rpt. 4.

Date of writing

No. in S

Reg. Book.

Master

Engines m

Boilers m

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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

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 should appear in the Register Book) 1 DK Hl, 4 DK Hl, 6 BH LA.C.P. Cms F.K. Deep Tanking Wireless

Official No. ; Signal Letters

State if Machinery is fitted aft

No.

How are the surfaces preserved from oxidation? Inside Paint. cement

Outside. Paint. cement

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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130	455	Fore peak tank,	18' 11"	114
Double bottom, under Engines and Boilers,	42.5	242	After peak tank,	20	244
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	165.5	599	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	1296		(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. 59

Date 4 June 1914

No. 34 in builder's yard.

DATES of Surveys held while building

1914 June 15, July 4, Sep 17, Nov 23, 1915 Jan 25, 26, Feb 6, 8, Mar 8, 26, 30, Apr 20, May 4, 8, 17, June 9, 14, July 12, 19, Aug 5, 21, Sep 3, 11, 17, Oct 22, Nov 17, 1918 Jan 3, 24, Feb 5, 10, 12, 20, Mar 3, 15, 28, 31, Apr 26, 28, May 12, 19, June 8, July 4, 10, 12, 25, Aug 2, 19, Sep 1, 1920 Mar 24, Aug 6, 7, 10, 1

Total No. of Visits 56

Surveyor's Signature

London

Lloyd's Register Foundation

ate of Test

diameter of S

Referred to the Chief Ship Surveyor.