

Received at London Office

State if Report is sent on the Machinery of the Vessel yes

Survey held at Belfast Date First Survey 5th Jan. 1942 Last Survey 8th August 1943

On the ¹⁸ (State if Machinery fitted for and if Single, Twin or Triple Screw) Single Screw Motor Ship "SAMANCO" Beckwith

State Type	(Full Scanning Complete Superstructure) with or without Tonnage Openings	Complete superstructure without tonnage	State Type of Erections	Forecast
				one

TONNAGE under Tonnage Deck ... 5550.37 CLASS \times 100 A1 State if with freeboard as condition of Class } yes Built at Belfast

Do. of space or spaces }
between Tonnage Dk. } 2159.41
and Upper Dk. }

Length from fore part of stem to after part of stern }
post on summer L.W.L. See Sec. 3 (1a) } 440'-0" ✓

Launched 23rd March 1943 Yard No. 1158

Total 7709.78 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous rib 40.2" ✓

Gross Tonnage 8335.59 deck. See Sec. 3 (1c) Rule 38-75 Owners The Pacific Steam Navigation Co.

Register Tonnage 4844.94 2d Longitudinal Number (L × D) 17350 *Managers*
 2d Numeral 1 × (B + D) 44550 ✓ (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

length 448.23

readth 62.86

Depth 34.80

CLASS **✠ 100 A1** State if with freeboard } *yes*
as condition of Class }

State if with freeboard
as condition of Class

Built at Belfast

Launched *23rd March 1943* Yard No. *1156*

Builders *Messrs. Harland & Wolff Ltd.*

Owners *The Pacific Steam Navigation*

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

Residence

Port of Registry Liverpool

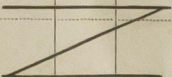

If surveyed while building, afloat, or in dry dock

While building, afloat & in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	32 1/2" ✓		Bracket Floors, Frame		
" " from 3/4 length amidships to Collision bulkhead.....	27" ✓		" " Reversed Frame.....		
" " in peaks	24" ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	45" x 56" ✓	
Frame Amidships, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	8 3/4 40 ✓		" " top Angles	3 1/2 3 1/2 50 ✓	
" " Extends up to.....	Shelter Deck		" " bottom Angles.....	5 5 56 ✓	
Reversed Frame Amidships, Angle	5 3 1/2 40 ✓		Side Girders, No. each side and thickness.....	one @ 40 ✓	
" " Extends up to	Lower Deck		Margin Plate depth (excl. of flange) and thickness	38" x 56" ✓	
Depth of Framing Girder.....	9 1/2" ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	3 1/2 3 1/2 56 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	8 3 1/2 40 ✓		" " Vertical Angle to Tank side Bracket from forward 1 len. from stem to Panting Area Gusset spacing and scantling abaft 1/4 len. from stem.....	do. ✓	
" " Second 'tween Decks, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	do. ✓		" " Gussets, spacing and scantling from forward 1 len. from stem to Panting Area	do. ✓	
" " Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	6'-0" ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	8 3 1/2 52 9 1/2 ✓		INNER BOTTOM PLATING.		
" " in Peaks, Angle or <input type="checkbox"/>	9 3 1/2 38 ✓		Breadth and thickness of Middle Line Strake.....	55" x 54" ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/8 @ 5 1/4" ✓		Thickness of remainder in Holds	+08 under hatchways ✓	
State if Frame Joggled.....	yes ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E, A, B space and framing in Bunkers and Boiler Room?	+46" - 42" ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes ✓			+08 under hatchways ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		BEAMS. (Shelter Deck)		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	8 x 3 1/2 x 3 1/2 x 32 1/2 ✓	
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>		
Height of Brackets at side above base line at toe of frame.....			" " Spacing	32 1/2" ✓	
Middle Line Keelson, on Floors, Angles, <input checked="" type="checkbox"/> or <input type="checkbox"/>			(Main Deck)		
" " Through Plate or Inter-costal Plate			Second Deck, amidships, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	9 x 3 1/2 x 3 1/2 x 36 1/4 ✓	
" " Foundation Plate on Floors			" " Spacing	32 1/2" ✓	
" " Flat Plate Keel Angles			(Lower Deck)		
Side Keelsons, No. each side.....			Third Deck, amidships, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	9 x 3 1/2 x 3 1/2 x 34 1/4 ✓	
" " thickness of Intercoastal Plate.....			" " Spacing.....	8 ft. frame See letter 10.9.4	
" " Angles			Fourth Deck, amidships, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>		
DOUBLE BOTTOM.			" " Spacing.....		
Solid Floors, thickness and spacing	44 @ 32 1/2" ✓		Poop Deck, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>		
" " Are Frame and Reversed Frame joggled? <i>frame only</i>			" " Spacing.....		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>		
" " breadth and thickness at margin plate.....			" " Spacing.....		
			Forecastle Deck, Angle, <input checked="" type="checkbox"/> or <input type="checkbox"/>	8 3 1/2 40 ✓	
			" " Spacing.....	27" & 24" ✓	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	<i>Two rows</i>		Stringer Plate, breadth and thickness in way of Bridge <i>abreast motor casing</i>	<i>68" x .46</i>	<i>50" x .46</i>
" in 'tween Decks, Size and Spacing	<i>of widely spaced pillars</i>		Thickness of Plating abreast Deck openings in way of Wells <i>hatchways</i>	<i>.40</i>	✓
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge <i>motor casing</i>	<i>.44</i>	✓
" in Holds " " "			Thickness of Plating within line of openings...	<i>.34</i>	✓
" " " " "	<i>as approved</i>	✓	If Sheathed, material and thickness.....		✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing			Stringer Plate, breadth and thickness.....	<i>51" x .38</i>	<i>50" x .38</i>
Plating, thickness of			If Plated, state thickness	<i>.42</i>	<i>deep tank</i>
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	<i>64" x .66"</i>	✓	If Plated, state thickness.....		
" " " " " in way of Bridge			Poop Deck.		
" Angle in Wells	<i>6 6 .66</i>	✓	Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings, in way of Wells <i>hatchways</i>	<i>.62</i>	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge <i>motor casing</i>	<i>.60</i>	✓	Bridge Deck.		
Thickness of Plating within line of openings...	<i>.42</i>	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness.....	<i>-</i>		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells <i>abreast hatchways</i>	<i>68" x .44"</i>	<i>50" x .44"</i>	Stringer Plate, breadth and thickness.....	<i>36" x .38"</i>	✓
			Plating, Sheathing, material and thickness...	<i>.36"</i>	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED,	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no</i>	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	54	.82	.72	.72		double	1	3.6	four	1	4	strapped (inside)	
„ Dblg. (if any)		none											
Bottom Plating, No. of Strakes ...4.....		.65	3 @ .71	.66 in way of stem frame		double	7/8	3.6	four	7/8	3 1/2	lapped	
Bilge Plating, No. of Strakes ...2.....		.65	.51	„		„	„	„	Lower strake four upper „ three & row of welding on inside	„	„	„	
Side Plating, No. of Strakes ...4.....		.66	„	„		„	„	„	three	„	3 1/8	„	
Upper Deck, Sheer- strake in Wells.....	52	.74	.48	.48					four	1	4	see letter to Mr. Millan of 25.11.00	
Upper Deck, Sheer- strake in Bridge.....													
Strake below Sheer- strake in Wells.....	60	.68	.48	.48		double	7/8	3.6	four	7/8	3 1/2	„	
Strake below Sheer- strake in Bridge ...													
Poop Side Plating.....													
Bridge Side Plating.....													
Forecastle Side Plating			.44			sgl	3/4	3	sgl	3/4	3		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 7

„ Deck next below ✓

AS per Rule 7

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		<i>Flat plate</i>		
STEM	<i>Roll'd</i>	<i>M. S. 10 1/4 x 2 1/4</i>	<i>plate above</i>	
STERN FRAME	{ Propeller Post <i>1300s position</i> { Rudder	<i>See casting sketch of Scotland ✓</i> <i>Steel Co.</i>		
Speed of Vessel <i>16 knots</i>	✓			
RUDDER—Type		<i>Ordinary</i>		
„ A × D. <i>Area</i>		<i>174 sq</i>		
„ Diam. of head		<i>14 "</i>	✓	
„ Mainpiece at top pintle				
„ „ heel				
„ how constructed		<i>Fabricated frame</i>	✓	
✓ „ double or single plate		<i>See plan</i>	✓	
✓ „ coupling, vertical or		<i>double</i>	✓	
horizontal		<i>vertical</i>		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *S. M. open hearth & Messrs Colville Ltd.*

Has the Steel been tested as required by the Rules? ☒

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The vessel has been built to scantlings necessary for eighteen inches additional draught over tonnage opening draught.

The following casting and forging reports are forwarded herewith.

Boss casting for sternframe

Tiller, casting.

Rudder stock, coupling and gudgeons. (coupling piece a casting, remainder forgings)

List of plans attached.

PARTICULARS OF ELECTRIC WELDING (if employed) Parts welded as follows:—Fabricated stemframe and rudder; deep tank bulkhead plating seams & butto & shaft tunnel in way also stiffeners & girders; inner bottom plating to frames & shell where carried out level at fore & after ends; aft peak tank stiffeners; W.T.B. stiffener brackets top & bottom except to stiffeners; main & lower Deck plating to shell & frames; lower Deck to hatch side coamings; all deck girder butto and tripping brackets to girders; pillar heads & heels; Bridge deckhouse to deck including stiffener brackets, vent coamings to deck, skylights, cowls and other minor items.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Cruiser stern, oil engines, D.F. and E.S.D., 7 B.H. (coll. to W. Deck 6 to 2nd Deck) 6 divisional bulkheads in upper tween decks without openings except on frs. 2nd and 22^a which have openings 6'-0" x 4'-6" and aftermost on fr. 68^a which has opening 5'-0" x 2'-0" starboard and all fitted with hinged W.T. doors.

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

1st Bower	46-2-18	A.E.G.	4297	21.8.42
2nd "	47-1-25	J.D.	3238	30.8.40
3rd "				

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 or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 168862 Signal Letters BFMT Extreme Breadth over Belting 62'-10 1/4" Over-all Length 466'-3"

No. and Material of Decks 3, steel

Parts of Bottom of Vessel coated with cement or approved composition Fresh water double bottom tanks N^o 5 (in E.R.) and N^o 7 and 8 (after end) laid with fillets of cement and with N^o 1, W.B. cement washed.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, 69' 1/2 22' 1/2 127.3'	127.4	373	Fore peak tank,	22.75	60
Double bottom, under Engines and Boilers,			After peak tank,	22.0	80
Double bottom, if under Engines only, 22' 1/2 2nd 62.3	59.6	423	Deep tank, aft,	32.5	995
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, 2nd 5' 40' 144.1	192.1	661	Other tanks, if fitted,		
Total length (if continuous) and Capacity 363.7		1459	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 911

Date 10.9.41

Dates of Surveys held while building

1942—Jan. 5, 23; Feb. 20, 23; Apr. 7, 14; May 5, 6, 7, 14; June 3, 9, 11, 16, 25; July 8, 29; Aug. 3, 10, 26; Sept. 8, 9, 15, 24, 25; Oct. 3, 5, 6, 7, 10, 17, 23, 28; Nov. 11, 12, 20; Dec. 18, 22, 30, 31.

1943—Jan. 4, 5, 6, 7, 12, 15, 19, 20, 21, 22, 25, 26, 28, 29, 30; Feb. 3, 4, 5, 8, 9, 11, 12, 15, 16, 17, 22, 23, 25, 26; Mar. 1, 2, 3, 4, 8, 9, 10, 11, 15, 17, 18, 19, 20, 22, 23; Apr. 2, 13, 16, 30; May 3, 14, 18, 22, 31; June 11, 14, 16, 17, 19, 21, 22, 23, 25, 26, 29, 30; July 1, 6, 7, 8, 9, 14, 19, 20, 21, 22, 23, 26, 29; Aug. 3, 4, 5, 6, 7, 8.

Total No. of Visits 124