

STEEL STEAMER or MOTORSHIP.

Received at London Office

- 7 DEC 1927

State if Report has been sent on the Freeboard of the Vessel *Yes.*
 State if Report is sent on the Machinery of the Vessel *Yes.*

Date of completion of report *Glasgow* Port of *Glasgow* No. *47351*
 Survey held at *Glasgow* Date First Survey *23.3.26* Last Survey *2nd December 1927*
 On the *Twin Screw Motor Vessel "PACIFIC ENTERPRISE"*
 State Type *Complete Superstructure with Tonnage Opening* State Type of Erections *Forecastle*

TONNAGE under Tonnage Deck... *6022.28* CLASS *+100 A1* State if with freeboard as condition of Class *(with freeboards)* FEET.
 Do. of space or spaces between Tonnage Dk. and Upper Dk. *2* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 435.0*
 Total Breadth (greatest moulded) *B 60.0*
 Gross Tonnage *6722.29* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 42.0*
 Register Tonnage *4125.19* 1st Longitudinal Number (L x D) *= Intermediate*
 2nd Numeral L x (B + D) *= 246*
 REGISTERED DIMENSIONS. FEET.
 Length *435.9* Framing Depth "d" at middle of length. See Sec. 3 (1d) *17.66*
 Breadth *60.25* Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.35*
 Depth *27.05* Do. Long Bridge to top of keel *✓*
 Draught Moulded = *27'-3 1/4"*

Built at *Glasgow*
 Launched *15th Sept 1927* Yard No. *15*
 Builders *Blythwood SBC & Co.*
 Owners *Norfolk & North American S.S. Co.*
 Managers *Furness Withy & Co. Ltd.*
 (Where necessary to be entered in Reg. Book.)
 Residence *London*
 Port of Registry *London*
 If surveyed while building, afloat, or in dry dock *Yes.*

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.
MES, Spacing amidships	34	✓	Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	✓	
" " in peaks	24	✓	" " Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	49 x .62	
Frame Amidships, Angle, E or C	12 3/2 .46	✓	" " top Angles	3 1/2 3 1/2 .56	
" " Extends up to	2 nd Dk.	✓	" " bottom Angles	5 5 .66	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	2 x .44	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	47 x .56	
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 .52	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	5 1/2 3 1/2 .44	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 1/2 6 1/2 .58	
" " Second 'tween Decks, Angle, E or C	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	Cont. .44	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	Cont. .44	
Framing in Peaks, Angle or C	9 3 1/2 .48	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	7'-6 x .52	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 5 1/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled (except 2nd 3/4 len.)	1/2	✓	Breadth and thickness of Middle Line Strake	56 x .56	
PLATING ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMING 12 x 3 1/2 x .46 Range 9 x 3 1/2 x .50	✓	Thickness of remainder in Holds	48 to 42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Frames 6 x 6 x .56	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bulkheads and Boiler Room?	Yes	
DOUBLE BOTTOM.			BEAMS.		
Upper Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, E or C	9 1/2 3 1/2 .48	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, E or C	✓	
Middle Line Keelson, on Floors, Angles, E or C	✓		Spacing	34	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, E or C	10 1/2 3 1/2 .52	
" " Foundation Plate on Floors	✓		Spacing	34	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, E or C	10 1/2 3 1/2 .52	
Side Keelsons, No. each side	✓		Spacing	34	
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, E or C	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, E or C	✓	
Solid Floors, thickness and spacing	44 @ 34	✓	Spacing	✓	
" " Are Frame and Reversed Frame joggled?	Yes	✓	Bridge Deck, Angle, E or C	✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, E or C	8 3 1/2 .46	
			Spacing	27 x 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.....					Stringer Plate, breadth and thickness in way of Bridge	✓			
" in 'tween Decks, Size and Spacing.....	Wire Ropes				Thickness of Plating abreast Deck openings in way of Wells	✓	40		
" " " " " "	Pillars				Thickness of Plating abreast Deck openings in way of Bridge	✓			
" in Holds " "	as per				Thickness of Plating within line of openings..	✓	34		
" " " " "	Pillar Plan				If Sheathed, material and thickness	✓			
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	B.A.	7	3	26 @ 34" max pla	Stringer Plate, breadth and thickness.....	62	x	38	✓
Plating, thickness of		30			If Plated, state thickness.....	34		32	✓
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				✓
Stringer Plate, breadth and thickness in Wells	66	x	66	✓	If Plated, state thickness				✓
" " " " in way of Bridge				✓	Poop Deck.				
" Angle in Wells	66		66	✓	Stringer Plate, breadth and thickness				✓
Thickness of Plating abreast Deck openings in way of Wells	46			✓	Plating, Sheathing, material and thickness ...				✓
Thickness of Plating abreast Deck openings in way of Bridge				✓	Bridge Deck.				
Thickness of Plating within line of openings...	42			✓	Stringer Plate, breadth and thickness.....				✓
If Sheathed, material and thickness	✓				Plating, Sheathing, material and thickness ...				✓
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	62	x	44	✓	Stringer Plate, breadth and thickness.....	38			✓
					Plating, Sheathing, material and thickness ...	36		40	under windlass

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	56 3/8	.88	.78	.78		Double	1	3 7/8	Four	1	4	Lapped	
" DELG. (if any)	1.06	In way of flat keel											
BOTTOM PLATING, No. of Strakes	76	.70	.52	.52		Double	7/8	3 1/2	Four	7/8	3 1/2	Lapped	
BILGE PLATING, No. of Strakes	82	.70	.52	.52		Double	7/8	3 1/2	Four	7/8	3 1/2	do	
SIDE PLATING, No. of Strakes	81	.68	.49	.49		Double	7/8	3 1/2	Three	7/8	3 1/8	do	
UPPER DECK, Sheer-strake in Wells	53	.73	.49	.49		Double	1	3 7/8	Four	1	4	do	
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	-	-									
STRAKE BELOW SHEER-strake in Wells	56	.70	.49	.49		Double	1	3 7/8	Four	7/8	3 1/2	Lapped	
STRAKE BELOW SHEER-strake in Bridge ...	✓	-	-	-									
POOP SIDE PLATING		✓											
BRIDGE SIDE PLATING ...		✓											
FOREC'TLE SIDE PLATING			.44			Single	3/4	2	Two	3/4	2 5/8	Lapped	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *7 Pk Coll Bk to Weather Deck*

“ Deck next below *6 Bk to 2nd Dk.*

As per Rule *Seven*

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks			✓	✓	✓	
"	108 "	Second "	✓	✓	✓	
"	"	Third "	✓	✓	✓	
"	"	Holds	✓	✓	✓	
COLLISION		(in Hold)	✓	✓	✓	
AFTER PEAK		"	✓	✓	✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	M.S.	10 1/2 x 2 3/4		
STERN FRAME {	Propeller Post	C Steel	Pietre	Buckets
	Rudder "	F.S.	11 x 3 1/2	
RUDDER A x B		16 1/2 x 45		
Speed of Vessel		12 1/2 knots		
RUDDER mainpiece at head ..	F.S.	11 7/16		
" " heel ..	F.S.	8 1/4		
" how constructed		Single Plate and bulk on		
" double or single plate ..		Single 1-17		
" coupling, vertical or horizontal		Vertical		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Has the Steel been tested as required by the Rules?

- 7 DEC 1927

EQUIPMENT No. 45110												LETTER C†	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.			
30221	1st Bower	77	1	14				57	8	3	0		Byers Improved Swivel	✓	Sunderland 8 Aug 27 H. Blom
30215	2nd "	77	0	0		✓		57	8	0	0		Do	✓	Do 30 Aug 27 Do
30222	3rd "	65	2	14		✓		51	7	2	0		Do	✓	Do 9 Aug 27 Do
	Collective weight.	220	0	0								22 1/2			
42962	Stream	22	0	0	5	2	18	22	7	2	0	22	Torgas No. 9 Ordinary R. Sinker	✓	Cardiff 26 July 27 S. C. Paul

CHAIN CABLES.												HAWSERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Length and Size per Table 53.
	Length. Diam.	Statutory.	Breaking.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Tons.	Length. Cir.
31125	300 2 3/4	106.9	149 7/8	870-3-0	890 1/4			300 2 3/4	2 3/4	R. Sinker	Cardiff 16 Aug 27 H. Blom	TOWLINE...	130 5 1/4	17 1/2	130 5 1/4
												HAWSERS & WARPS	90 3 1/2	26	200 2 3/4
													2-90 3	18	200 2 3/4
													2-90 2 1/2	12 1/2	
Iron Stream Chain or Steel Wire	120 5"	59						120 5"							

Steering Gear, Steam *Electric by Hæstia* Steering Gear, Hand *None*

Boats *4 Lifeboats 24' x 7'4" x 2'-11"* Steering Chains, Size and Test *None* Windlass *Electric by Clarke Chapman*

Ceiling in Holds, thickness and material *2 1/2" WP 3" under hatches* Cargo Battens, thickness, material and spacing *2" W Pine*

Cargo Hatchways.—(Upper Deck) *Steel plates & angles* Thickness of Hatches *W. Pine 3"*

Size of No. 1 Hatchway (Forward) *22'6" x 18'2"* No. 2 *3'2" x 18'2"* No. 3 *3'2" x 18'2"* No. 4 *8'6" x 18'2"* No. 5 *3'2" x 18'2"* No. 6 *25'6" x 18'2"*

Number of Shifting Beams and/or Fore and Afters *Four, Five, Five, One, Five & Four respectively*

BLYTHSWOOD SHIPBUILDING CO., LTD.

Builder's Signature

Secretary

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Secretaries letters of various dates and in conformity with the Societys rules. The materials and workmanship are good. The double bottom tanks, deep tank, oil tanks, and peaks, have been tested as required by the rules. The weather decks, bulkheads and tunnel have been tested with satisfactory results, the freeboard verified and marks cut in on the vessels sides. The bottom forward of 3/5 length has been strengthened in accordance with the rule. The Deep tank is constructed to carry oil I.P. above 150° F and Section 35 of the rules (1926-7) complied with as far as applicable. The bottom is painted Cemented. Nos. 2, 3, 5 & 6. Lower tween decks insulated. This vessel is similar to J.S. M.V. Pacific Reliance by same Builders. The approved plans as notes on back of report are forwarded herewith.

The amount of Entry Fee £ 10 : 0 : 0

Special Survey Fee.... £ 368 : 1 : 0

Freeboard 11 0 0

Travelling Expenses, if any £ : : :

Fees applied for, 6-DEC-1927

Received by me, 10-12-27

I am of opinion the Vessel should be Classed + 100 A1 "With Freeboard"

State whether the Vessel has been built under Special Survey *Yes.*

Signature

Norman D. Brown

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GLASGOW

Date of issue 14/12/27

Committee's Minute GLASGOW 6-DEC 1927

Character assigned + 100 A1

With freeboard

12.27

Lloyd's A+C.P.

+ LMC 12.27

The Surveyors are requested not to write on or below the Committee's Minute.



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Lloyd's Register Foundation

W1027 - 00102/2

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.)

pt. 4b

List of Plans herewith—

Midship Section (as built) forwarded in advance
Midship Section
Profile
Middle line bulkhead
Deep Tank.
Rudder & Stem Frame
Cargo Doors
Pillaring under Tunnel
Engine Casings
After end Framing
Machinery Seating No 1
Do No 2

Pillars & Girders
Pillars and bolts in Engine Room
Cargo Hatches
Modification to Lower Dk beams
Pillars Heads
Strengthening of Bottom Forward
Girders in Deep Tank.
Deep Tank Air pipe
Tonnage Bulkheads
Forward end arrangement
Tunnel plate
Midship Deckhouse
Tunnel escape
Boat Dk.
Tank side brackets
Shaft tunnel
Shaft brackets
Recess at After end of Engine Room
Oil Fuel tanks at Side of Tunnel
Board frames
Bulkheads in way of Tunnel
Deep Tank Hatch
Amended Deep Tank hatch

Please return these plans for use during Construction of Sister Vessels.

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

1st Bower	46-1-8	M.B.	3156	4 th July 1927
2nd "	46-3-23	M.B.	3151	4 th July 1927
3rd "	37-2-1	M.B.	3205	23 rd July 1927

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 40

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

3 Dks Steel

Official No. 149949 ; Signal Letters K.W.S.C.

Is bottom of Vessel coated with cement ☒ water tank only if not g

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Ca Ton
Double bottom, aft, To FORE END NO 6 TANK	133'-2"	380.5	Fore peak tank,	23'-0	15
Double bottom, under Engines and Boilers,			After peak tank,	21'-5	14
Double bottom, if under Engines only,	31'-2"	175.2	Deep tank, aft,	28'-3	90
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, To AFTER END NO 4 TANK	210'-5"	924.4	Other tanks, if fitted, OIL TANKS AT TUNNEL SIDES	48'-2	29
TOTAL LENGTH OF DOUBLE BOTTOM = 380'-3"			(If necessary, furnish further information by sketch.)		
TOTAL CAPACITY DO DO SALT WATER 1480 TONS			The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 5767

Date 14. 5. 26

Dates of Surveys held while building

1926 Mar 23-30 Apr 7-16 May 14-27 Jun 9-18 23-29 July 1-13 14-30 Aug 2-10 19 Oct 4-13 15-18 27 N
10-12 17-18 25 Dec 13 (1927) Jan 14-19 26-27 31 Feb 1-2 3-7 8-9 10-11 14-15 16-17 18-21 22-23 24 Mar
18-23 31 Apr 4-7 14-25 May 12-20 Jun 7-14 21-23 30 July 1-12 27-29 Aug 2-7 8-10 12-15 16-17 19-24 29
Sep 2-5 6-8 9-12 13-10 14-15 Oct 27 Nov 3-10 22-24 Dec 2

Total No. of Visits