

Rpt. 1

RECEIVED

STEEL STEAMER OR MOTORSHIP.

Received at London Office

4 APR 1944

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

Date of completion of report

18 MAR 1944

Port of NEWCASTLE-ON-TYNENo. 101940

Survey held at

Wallsend-on-TyneDate First Survey 2nd October 1942Last Survey 22nd February19 44

On the

(State if S.S. or M.V.) Single Screw M.V. "PORT MACQUARIE"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete SuperstructureState Type of Erections Roofs Forecastle

TONNAGE

under 6320.15

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

Total

Gross Tonnage

9071.80

Register Tonnage

5485.32

REGISTERED DIMENSIONS.

FEET

Length

470.9

Breadth

62.2

Depth

37.2CLASS +100 A.I. with FreeboardState if with freeboard as condition of Class Yes

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 460.0

Breadth (greatest moulded)

B 62.0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 41.6 3/8

1st Longitudinal Number (L x D)

18823

2nd Numeral L x (B + D)

47343

Framing Depth "d," at middle of length. See Sec. 3 (1d)

✓

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.08

Do. Long Bridge to top of keel

Draught Moulded

28.3 3/8Built at Wallsend-on-TyneLaunched 19th August 1943 Yard No. 1685Builders Swan Hunter Wigham Richardson Ltd.Owners Pat Line Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

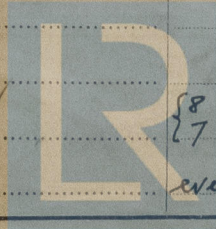
Port of Registry LondonIf surveyed while building, afloat, ✓ in dry dockYes

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 ✓		Bracket Floors, Frame	B.A. 7 3/2 .33 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	B.A. 7 3 .33 ✓	
" " in peaks	24 ✓		" " Vertical Struts	B.A. 7 3 .33 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	46 1/2 x .57 ✓	
Frame Amidships, Angle, [or]	9 x 3 1/2 x 3 1/2 x 3/4 1/2 2nd DE ✓		" " top Angles	3 1/2 3 1/2 .51 ✓	
" " Extends up to	2nd DE ✓		" " bottom Angles.....	5 5 .57 ✓	
Reversed Frame Amidships, Angle	3 1/2 3 40 ✓		Side Girders, No. each side and thickness.....	One x .41 ✓	
" " Extends up to	3rd Deck		Margin Plate depth (excl. of flange) and thickness	40 x .57 ✓	
Depth of Framing Girder.....	9 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 1/2 6 1/2 .50 T.Bar ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	7 3 1/2 .33 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6 1/2 6 1/2 .50 T.Bar ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	.45 Continuous ✓	
" " Third	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area45 Continuous ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	9 x 3 1/2 x 3 1/2 x 40/54 with 5 x 3 1/2 x 52 0.A. rev. 6 5 x 3 1/2 x 56 @ 27 spacing ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	63 x .46 ✓	
" " in Peaks, Angle or [or]	9 3 1/2 .375 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 at 5 1/4		Breadth and thickness of Middle Line Strake...	5 6 1/2 x .57 ✓	
State if Frame Joggled.....	Yes ✓		Thickness of remainder in Holds48 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in	9 3 1/2 .375 ✓	
Floors, Depth and thickness at mid-line in Holds.....			" " Wells, Angle, [or]	✓	
Height of Brackets at side above base line at toe of frame.....			" " in way of Bridge, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles, [or]			" " Spacing	every frame ✓	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [or]	8 x 3 1/2 x 3 1/2 x 3/4 1/2 6 1/2 52 ✓	
" " Foundation Plate on Floors			" " Spacing	every frame ✓	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]	9 x 3 1/2 x 3 1/2 x 47/54 8 x 3 x 3 1/4 44 ✓	
Side Keelsons, No. each side.....			" " Spacing	every frame ✓	
" " thickness of Intercostal Plate.....			Fourth Deck, amidships, Angle, [or]	✓	
" " Angles			" " Spacing.....	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	7 3 .33 ✓	
Solid Floors, thickness and spacing44 every 3rd frame ✓		" " Spacing.....	every frame ✓	
" " Are Frame and Reversed Frame joggled?	Frame only ✓		Bridge Deck, Angle, [or]	✓	
Bracket Floors, breadth and thickness at middle line	2 1/2 11 x .44 ✓		" " Spacing.....	✓	
" " breadth and thickness at margin plate.....	2 1/2 11 x .44 ✓		Forecastle Deck, Angle, [or]	7 3 .33 ✓	
			" " Spacing.....	every frame ✓	

(MADE IN ENGLAND.)

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Lloyd's Register Foundation

PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	2 Rows		
" in 'tween Decks, Size and Spacing	Widely		
" " " " "	Spaced		
" in Holds	as		
" " " " "	approved		
Centre Line Bulkhead. Stiffeners and Spacing			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	71 x 69	69 x 63	
" " " " in way of Bridge			
" Angle in Wells	6 6 72		
Thickness of Plating abreast Deck openings in way of Wells	.62	.56	
Thickness of Plating abreast Deck openings in way of Bridge			
Thickness of Plating within line of openings	.46	.42	
If Sheathed, material and thickness	Base steel		
Second Deck.			
Stringer Plate, breadth and thickness in Wells	79 1/2 x 45		
Stringer Plate, breadth and thickness in way of Bridge			
If Plated, state thickness			
Third Deck.			
Stringer Plate, breadth and thickness	72 x 34		
If Plated, state thickness	.30		
Fourth Deck.			
Stringer Plate, breadth and thickness			
If Plated, state thickness			
Poop Deck.			
Stringer Plate, breadth and thickness	39 x 38		
Plating, Sheathing, material and thickness	Base steel .30		
Bridge Deck.			
Stringer Plate, breadth and thickness			
Plating, Sheathing, material and thickness			
Forecastle Deck.			
Stringer Plate, breadth and thickness	36 x 38		
Plating, Sheathing, material and thickness	.36 Base steel		

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED,	RIVETING.							
	AMIDSHIPS.		FORWARD.	AFT.		EDGES.		BUTTS.					
	Breadth.	Thickness.	Thickness.	Thickness.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPEED.
	Inches.	Inches.	Inches.	Inches.		Inches.	Diam.	Spacing cr. to cr.	Diam.		Spacing cr. to cr.		
Flat Plate Keel.....	55 1/4	.87	.77	.77		2R	1	4					
" Dblg. (if any)													
Bottom Plating, No. of Strakes4.....	A		A .60										
	B	.67	B .52	.52									
Bilge Plating, No. of Strakes1.....	C		C .52			2R	7/8	3 1/2					
	D		D .61										
	E	.65	E .63	.50									
Side Plating, No. of Strakes4.....	F			.50									
	G					2R	7/8	3 1/2					
	H	.65	.50	.50									
Upper Deck, Sheer- strake in Wells.....	K	.75	.84	.50	.76 + .08 owners	2R	7/8	3 1/2					
Upper Deck, Sheer- strake in Bridge						2R	1	4					
Strake below Sheer- strake in Wells.....													
Strake below Sheer- strake in Bridge						2R	7/8	3 1/2					
							1	4					
Poop Side Plating.....				.42									
Bridge Side Plating.....													
Forecastle Side Plating			.44										
WATERTIGHT BULKHEADS.													

all Electrically Welded.

E. W. on page 4

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	Div. 1. W.T. BHs: 142, 119, 92, 64, 37
Extending to Upper Deck (Sec. 3 c)	Six 1
" Deck next below	One 6
As per Rule	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM		10 1/2 x 23 1/4		
STERN FRAME	Propeller Post	Steel	as	Wolverhampton Steel Co. Ltd.
	Rudder	Casting	approved	
Speed of Vessel	15 knots			
RUDDER—Type	Steel Casting	Stock forged steel		
" A x D.	8 1/2			Wolverhampton Steel Co.
" Diam. of head		14 dia.		
" Mainpiece at top pintle		12 dia.		
" heel		7 1/2 dia.		
" how constructed		Cast arms & frame		
" double or single plate coupling, vertical or horizontal		Double .60		Horizontal

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	.28	4 x 2 1/2 x 1/4	35 1/2						
" Second	.29 x .27	5 x 3 x 5/16	31 1/2						
" Third									
" Holds	.42 x .30	7 1/8 x 6 x 40 x .226	31 1/2						
COLLISION (in Hold)	.44	6 x 3 x 1/4	26						
AFTER PEAK	.44	6 x 3 x 1/4	27						

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth.*
Consell Iron Co. Ltd. Cargo Fleet Iron Co. Ltd. Skinningrove Iron Co. Ltd. Dorman Long Co. Ltd. South Durham Steel & Iron Co. Ltd. Rames No. 1. Applying Frodingham Steel Co. Ltd. Colville & Co. Ltd. Steel Co. of Scotland.
 Has the Steel been tested as required by the Rules? *Yes.*

Req. 1.

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Surveys are requested not to write on or below the Committee's Minutes.

2021

Lloyd's Register Foundation

Steering Gear, Type (Power or hand) Electric Hydraulic by Hastic. Alternative Means of Steering 2 Power Units.

Steering Chains (Size and Test) _____ Windlass Electric by Stothert & Pitt. Boats { 3-26'0" x 8'6" x 3'6" 1-26'0" x 8'6" x 3'6" motor

Ceiling in Holds, thickness and material _____ Cargo Battens, thickness, material and spacing _____

Cargo Hatchways.—(Upper Deck) Steel plates and angles Thickness of Hatches 2 1/2" W.W. slab.

Size of Hatchways No. 1 (Fwd.) 27'0" x 18'0" No. 2 32'0" x 18'0" No. 3 32'0" x 18'0" No. 4 32'0" x 18'0" No. 5 26'8" x 18'0" No. 6 _____

Number of Shifting Beams } 4 ✓ 5 ✓ 5 ✓ 4 ✓
and/or Fore and Afters }

Builder's Signature SWAN, HUNTER, & WIGHAM RICHARDSON, LTD.
Wm. Buckle.

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. *Tutor Ship.*
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. *No.* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).
This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letter.
The Scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans.
The materials and workmanship are good.
The nos. 1 to 4 holds ^{all} & lower ^{all} tween decks have been insulated for the carriage of refrigerated cargoes. The weather decks, watertight bulkheads, tunnel, decks and shell in way of insulated spaces have been tested and found satisfactory. All double bottom tanks, fore and after peak tanks, and oil fuel bunkers have been tested in accordance with the Rules and found satisfactory.
The assigned freeboards have been marked on the vessel's sides, verified and cut in.
The windlass and steering gear have been tried over (quayside) and found satisfactory.
Oil fuel having a flash point above 60°F is carried in nos 3, 3A, 4 & engine room double bottom tanks and Bunk tanks at fore end of engine room.

The amount of Entry Fee..... ✓ £ 11 : 0 : 0 } Fees applied for,
 Special Survey Fee..... ✓ £ 426 : 16 : 0 } 30 MAR 1944
Freight
 Travelling Expenses, if any ✓ £ 20 : 0 : 0 } Received by me,
 19.....

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed *+100 A.I. with*
Freight

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

Certificate to be sent to NEWCASTLE-ON-TYNE Date of issue 10/5/44 Signature E. H. Stern
 Committee's Minute FRI. 21 APR 1944 Surveyor to Lloyd's Register of Shipping.
 Character assigned +100A1 with free board
Lloyd's A.R.P. + LMC 2.44
DB-105 lb. Oil Eng
Wido Pts.
" Nix

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 approved plans are forwarded with this report as per attached list.
Forging reports attached.

note: Frames and reverse frames in the after hold & tween decks (uninsulated) are prepared for cargo battens. These battens, it is stated by the owners representative, will be procured at the first available opportunity.

There are six bulkheads in upper tween decks carried up watertight to upper deck. The openings at nos. 64 & 92 bulkheads, port & starboard, are closed by hinged W.T. doors. 5 Divisional w.t. B.H.s in upper tween decks see plans

The hold & tween decks being insulated, wood covers are fitted to all tween deck hatchways.

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of all decks. Seams and butts of double bottom tank top. Seams, butts and stiffeners of W.T. bulkheads. Butts of all shell plating. Seams, butts and stiffeners of deck houses and casing bulkheads. Details of Ventilators, hatch beams, minor bulkheads etc.

The methods employed and electrodes used are in accordance with the Rules.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Cruiser Stern. Lloyd's A & C.P.
E.S.D. D.F.

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

1st Bower	WT 47-3-24	Int. A.E.G.	No. of Cts. 4794	Date 5/2/42
2nd "	" 48-0-0	" A.E.G.	" 4687	" 29/12/42
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39'-4" ft., R.Q.D. ft., Bridge ft., Forecastle 43'-7 1/2" ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated
Official No. 169750 Signal Letters Extreme Breadth over Belting 62'-2 3/4" Over-all Length 487'-11 1/2" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 DKS (Std.) and 3rd DK (Std.)

Parts of Bottom of Vessel coated with cement & approved composition Bilges in nos. 1, 2, 3, 4 & 5 holds—1 coat solution & 1 coat Bitumastic enamel. Tank top & in way bilge casing in nos. 1, 2, 3 & 4 holds Bituminous enamel. Tank top in no. 5 hold, 2 Coats Bitulac. Nos. 1 & 5 D.B. Tanks & cofferdams Cement washed

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.
Double bottom, aft, F.W.	114'-8"	293.5 W. Tons	Fore peak tank,	23'-0"	85
Double bottom, under Engines and Boilers, 16/64-65	69'-4"	451	After peak tank,	20'-0"	100
Double bottom, if under Engines only,	2'-8"		Deep tank, aft,	✓	
Double bottom, if under Boilers only,			Deep tank, forward,	✓	
Double bottom, forward,	202'-10"	761	Other tanks, if fitted,	✓	
Total length (if continuous) and Capacity.	203'-1"		(If necessary furnish further information by sketch.)		
	389'-9"	1505			

Order for Special Survey No. 5668

Date 1/9/42

Dates of Surveys held while building

1942 OCT. 2. 19. 20. 22. 28. NOV. 20. 23. DEC. 9. 29. 1943 JAN. 7. 14. 28. FEB. 11. 18. 23. 26. MAR. 30. APR. 13. 20. 29. 30. MAY. 4. 11. 21. JUNE. 2. 15. 23. 24. JULY. 2. 6. 7. 12. 14. 15. 16. 27. 28. 29. AUG. 3. 4. 5. 6. 10. 11. 12. 13. 16. 17. 18. 19. SEPT. 2. 6. 8. 20. 21. 24. 29. OCT. 20. 25. 28. NOV. 9. 18. 24. DEC. 6. 7. 12. 16. 21. 23. 28. 29. 30. 1944 JAN. 3. 6. 8. 10. 12. 13. 17. 18. 19. 20. 24. 31. FEB. 2. 3. 7. 8. 9. 14. 22.

Total No. of Visits 98