

## STEEL STEAMER or MOTORSHIP.

Received at London Office 31 AUG 1948

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

24th August, 1948.

Port of

TORQUAY.

No. 7888

Survey held at

DARTMOUTH.

Date First Survey

26th March, 1947.

Last Survey

23rd July,

1948.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single Screw

M.V.

"POLURRIAN"

Mcy. Aft.

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

Full Scantling

State Type of Erections Poop &amp; Forecastle

TONNAGE under Tonnage Deck...

232.87

CLASS + 100 A.1.

State if with freeboard as condition of Class

Built at Dartmouth.

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

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

130.00  
132.57

Breadth (greatest moulded)

B 25.00 ✓

Launched 21st May, 1948. Yard No. 1165

Builders Philip &amp; Son Ltd., Dartmouth

Total as above

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

D 10.75 ✓  
1397  
142

Owners Coastal Freighters Ltd.,

9, Vaughan Parade, TORQUAY.

Gross Tonnage 328.43

Managers (Not to be entered).

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

Register Tonnage 148.79

1st Longitudinal Number (L x D)

4647  
4739

2nd Numeral L x (B + D)

4739

Residence

## REGISTERED DIMENSIONS.

FEET.

Length

135

Breadth

25.1

Depth

10.75

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

8.42

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

12.10 (12.30)

Do. Long Bridge to top of keel

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Draught Moulded

9' 10 1/8"

Port of Registry Dartmouth.

If surveyed while building, afloat, or in dry dock

On stocks &amp; Afloat.

## 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.
<b>FRAMES, Spacing amidships</b>	21	✓	<b>Bracket Floors, Frame</b>		
" " from 1/2 length amidships to Collision bulkhead	21	✓	" " Reversed Frame		
" " in peaks	21	✓	" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	28" ✓ .34" ✓	
Frame Amidships, Angle, [ or [	4" 2 1/2" .28"	✓	" " top Angles	double continuous ✓	
" " Extends up to Main Deck			" " bottom Angles	double continuous ✓	
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	One .26" Intercoastal ✓	
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>	Horizontal .30" ✓	
<b>Depth of Framing Girder</b>	4" ✓		" " Vertical Angle to Tank side		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b>			Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, [ or [			" " Vertical Angle to Tank side		
" " Third " " Nos. 56 & 59 4"x2 1/2"x.30" ✓			Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from 60-62 5" x2 1/2"x.34" B.A. ✓			Gussets, spacing and scantling abaft 1/2 len. from stem		
" " in Peaks, Angle or [	4" x 2 1/2" x.28" 4 1/2" x 2 1/2" x.28"		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	5/8" ✓ 4 1/2" ✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	43" ✓ .26" ✓	
<b>State if Frame Joggled</b>	Yes ✓		<b>INNER BOTTOM PLATING.</b>		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Breadth and thickness of Middle Line Strake	38" ✓ x .30" ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		Thickness of remainder in Holds	.28" ✓	
<b>SINGLE BOTTOM. In Engine Room</b>	As per appd. plan of Engine seating ✓		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?		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame			<b>Uppermost Continuous Deck, amidships</b>	4 1/2" x 3" x.34" ✓	
<b>Middle Line Keelson, on Floors, Angles, [ or [</b>			" " in Wells, Angle, [ or [		
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, [ or [		
" " Foundation Plate on Floors			Spacing	21" ✓	
" " Flat Plate Keel Angles			<b>Second Deck, amidships, Angle, [ or [</b>		
<b>Side Keelsons, No. each side</b>			Spacing		
" " thickness of Intercoastal Plate			<b>Third Deck, amidships, Angle, [ or [</b>		
" " Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, [ or [</b>		
<b>Solid Floors, thickness and spacing</b>	.26" ✓ 21" ✓		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes ✓		<b>Poop Deck, Angle, [ or [</b>	4 1/2" x 3" x.30" ✓	
<b>Bracket Floors, breadth and thickness at middle line</b>			Spacing	21" ✓	
" " breadth and thickness at margin plate			<b>Bridge Deck, Angle, [ or [</b>		
			Spacing		
			<b>Forecastle Deck, Angle, [ or [</b>	4 1/2" x 3" x.30" ✓	
			Spacing	21" ✓	



## 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.
<b>PILLARS, No. of Rows.....</b>	Two .28" plate girders in poop supported by internal casings		Stringer Plate, breadth and thickness in way of Bridge .....		
" in 'tween Decks, Size and Spacing.....	One 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x $\frac{1}{4}$ " angle at each corner of chain locker in focle and		Thickness of Plating abreast Deck openings in way of Wells .....		
" " " " " "	One 2 $\frac{3}{8}$ " dia at c on frame No. 71		Thickness of Plating abreast Deck openings in way of Bridge .....		
" in Holds " " " "	At frame Nos. 27, 42, and 57		Thickness of Plating within line of openings.....		
" " " " " "	all 2 $\frac{3}{4}$ " dia solid		If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of .....			If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	51" x .36" .38" at Hatch covers		If Plated, state thickness .....		
" " " " in way of Bridge	Poop 60" x .36"		<b>Poop Deck.</b>		
" Angle in Wells .....	3 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x.38"		Stringer Plate, breadth and thickness .....	.24" ✓	
Thickness of Plating abreast Deck openings in way of Wells .....	36" Stringer plate ✓		Plating, Sheathing, material and thickness ...	.24" ✓	Not sheathed. ✓
Thickness of Plating abreast Deck openings in way of Bridge .....	.28" ✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.28" ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	None. ✓		Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....	.24" ✓	
			Plating, Sheathing, material and thickness ...	.24" ✓	2" wood sheathing in way of anchor/windlass only. ✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	NO. OF ROWS OF RIVETS.	RIVETS. Diam. Spacing cr. to cr.		STRAPPED OR LAPPED.
	Breadth. Thickness.	Thickness.	Thickness.	Thickness.					Inches. Inches.	Inches. Inches.	
FLAT PLATE KEEL .....	46" ✓	.42" ✓	.40" ✓	.40" ✓	Butts welded instead of rivetted. ✓	Double ✓	$\frac{3}{4}$ " ✓ 3 $\frac{1}{2}$ " ✓		Welded. ✓		
" DBLG. (if any)					Plates slightly increased in thickness.						
BOTTOM PLATING, No. of Strakes ...two... ✓	56 $\frac{1}{2}$ " 48 $\frac{1}{4}$ "	.32" ✓	.35" ✓	.32" ✓		Single ✓	$\frac{5}{8}$ " ✓ 2 $\frac{5}{8}$ " ✓	2 ✓	$\frac{5}{8}$ " ✓ 2 $\frac{1}{2}$ " ✓	Lapped. ✓	
BILGE PLATING, No. of Strakes ...one... ✓	54" ✓	.32" ✓	.30" ✓	.32" ✓		Single ✓	$\frac{5}{8}$ " ✓ 2 $\frac{5}{8}$ " ✓	2 ✓	$\frac{5}{8}$ " ✓ 2 $\frac{1}{2}$ " ✓	Lapped. ✓	
SIDE PLATING, No. of Strakes ...None... ✓											
UPPER DECK, Sheer-strake in Wells.....	48" ✓	.38" ✓	.28" ✓	.28" ✓		Single ✓	$\frac{3}{4}$ " ✓ 3 $\frac{1}{2}$ " ✓	2 ✓	$\frac{3}{4}$ " ✓ 3" ✓	Lapped. ✓	
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	51 $\frac{1}{2}$ "	.36" ✓	.28" ✓	.28" ✓		Single ✓	$\frac{5}{8}$ " ✓ 2 $\frac{5}{8}$ " ✓	2 ✓	$\frac{5}{8}$ " ✓ 2 $\frac{1}{2}$ " ✓	Lapped. ✓	
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....		.24" throughout ✓				Single ✓	$\frac{5}{8}$ " ✓ 2 $\frac{5}{8}$ " ✓	2 ✓	$\frac{5}{8}$ " ✓ 2 $\frac{1}{2}$ " ✓	Lapped. ✓	
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING		.24" throughout ✓				Single ✓	$\frac{5}{8}$ " ✓ 2 $\frac{5}{8}$ " ✓	2 ✓	$\frac{5}{8}$ " ✓ 2 $\frac{1}{2}$ " ✓	Lapped. ✓	

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

Three ✓

Deck next below -----

As per Rule Yes.

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar .....</b>				
<b>STEM .....</b>	Forging	6"x1 $\frac{1}{2}$ "	Philip & Son.	
<b>STERN FRAME</b> { Propeller Post .....	Forging	5 $\frac{1}{2}$ "x2 $\frac{3}{4}$ "	T.S. Forster & Sons.	
{ Rudder .....				
<b>Speed of Vessel .....</b>				
<b>RUDDER—Type .....</b>		Partly balanced. ✓		
" A x D .....		85.5 ✓		
" Diam. of head .....		4 $\frac{3}{4}$ " ✓		
" Mainpiece at top pintle .....		5 $\frac{3}{8}$ " ✓		
" " heel ...		3 $\frac{1}{2}$ " ✓		
" how constructed ...to fabricated frame. ✓				
" double or single plate .....		28" ✓		
" coupling, vertical or horizontal .....		Stock in 2 lengths with muff ✓		

<b>STIFFENERS.</b>	Plating Thickness.	VERTICAL.	HORIZONTAL.
		Scantlings. Spacing.	Scantlings. Spacing.
<b>MIDSHIP BULKH'D, Upper tween decks</b>			
" " Second "			
" " Third "			
" " Holds .....	.26" ✓ 5"x $\frac{3}{8}$ " flat ✓	30" ✓	-
<b>COLLISION</b> " (in Hold) .....	.30" ✓ 5"x $\frac{3}{8}$ " flat ✓	24" ✓	-
<b>AFTER PEAK</b> " " .....	.30" ✓ 6"x $\frac{3}{8}$ " flat ✓	24" ✓	-
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
Appleby Fordingham.			
Has the Steel been tested as required by the Rules? Yes.			



EQUIPMENT No 5157 (from No. 8)										LETTER e		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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
65017	1st Bower ...	8	1	16	✓			10	10	-	-	✓	8 1/2 ✓	Halls type (Cast steel head)	B. Hingley & Sons.	Cradley Heath 22.12.47 H. Phillips.
	2nd „ ...	8	0	14	✓			10	5	-	-	✓	8			
	3rd „ ...															
	Collective weight.	16	2	2									16 1/2 ✓			
65099	Stream .....	2	3	17	✓	3	0	5	7	2	0	✓	2 3/4 ✓	Ordinary pattern electrically welded	"	Cradley Heath, 12.1.48 H. Phillips.

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.	Statury.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Tons.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
74993	165½	15 1/16"	15.8	23.7	77.	2.	19	74½	165	15 1/16"	Stud Link	B.Hingley & Sons.	Cradley Heath 7.11.47. H.Murphy	TOWLINE...	75	2½"	13.2	75	2½"
														HAWSERS & WARPS }	90	1 3/4"	6.4	90	1 3/4"
Iron Stream Chain or Steel Wire }	45	2 1/4"	10.8						45	2 1/4"	6/12	British Ropes Ltd.	British Ropes Ltd.	"					
											G.S.W.Ltd.	Cardiff R.	Doncaster. E.Williams.	"					

**Steering Gear, Type** (Power or hand) Hand operated by Fishers Ltd. Paisley. **Alternative Means of Steering** Relieving tackles on spare tiller.

**Steering Chains** (Size and Test) 3" short link tested to 6 tons 15 cwt. **Windlass** Hand operated by Reids with alternative operation by chain from forward winch. **Boats** Two 16'0"x 5.65"x 2.3" Class 1 A.

**Ceiling in Holds**, thickness and material 2" fir. **Cargo Battens**, thickness, material and spacing 6"x2" fir 6" space between each.

**Cargo Hatchways**—(Upper Deck) Two. **Coamings** 2'10" high above deck **Thickness of Hatches** 2 3/8"

Size of Hatchways **No. 1** (Fwd.) 22'9"x 16'6" **No. 2** 22'9"x 16'6" **No. 3** -- **No. 4** -- **No. 5** -- **No. 6** --

Number of **Shifting Beams** and/or **Fore and Afters** Five per hatchway.

**FOR PHILIP & SON, LIMITED,**  
*J. Philip*  
MANAGING DIRECTOR

Builder's Signature

**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 M.V.  
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 indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built under Special Survey in accordance with the Society's Rules and Requirements and the Secretary's letters. The scantlings and arrangements are in accordance with; or equivalent to those shown on the approved plans. ✓

The workmanship and materials are good. ✓

Amount of Entry Fee .....	£	:	:	Fees applied for,	(Special notations, where part of class, to be stated.)
Special Survey Fee....	£	70	: 0 : 0	Received by me,	
Travelling Expenses, if any	£	:	:	19	

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

Certificate to be sent to Torquay. Date of issue 6/10/48

Committee's Minute FRI 17 SEP 1948

Character assigned +100A1  
Lloyd's A & CP

+LMC 7.48 Oil Eng.  
O.G.

White, J. H. (h & m).

note for S.R.I.

0019 2/2

Signature *[Signature]*  
Surveyor to Lloyd's Register of Shipping.

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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 following approved plans are forwarded herewith.

Midship Section  
Profile  
Double Bottom  
Modification to fore'd floors.  
W/T Bulkheads  
Deck Houses etc.,  
Engine Seatings.  
Stern frame & Rudder  
Steering Gear.

During trials the hand Steering gear was found to be rather hard to work when turning at full speed and although efficient the Owner has asked for modification to be made. These are to be carried out in the near future.

PARTICULARS OF ELECTRIC WELDING (if employed)

Keel butts, and Bulkheads (seams, stiffeners and boundaries) and other minor details

The welding has been carried out with approved electrodes by experienced welders.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

+ 100 A.1 Cruiser stern. Mcy. Aft.

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

1st Bower 8. 1. 16. H.P. 65017 22nd Dec, 1947.  
2nd „ 8. 0. 14. H.P. 65018 22nd Dec, 1947.  
3rd „ 37.7' 19.5'

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.0 ft., R.Q.D. -- ft., Bridge -- ft., Forecastle 22.0 ft.

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

Official No. 166770 Signal Letters Extreme Breadth over Belting 25' 3 3/4" Over-all Length 142' 2" (Circ. 1611) (Circ. 1703)

No. and Material of Decks One - Steel

Parts of Bottom of Vessel coated with cement or approved composition No cement. Aft peak, engine room up to top of floors, double bottom, and fore peak, all coated with Wales Dove Bitumastic Solution.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	19.75	41
Double bottom, under Engines and Boilers,			After peak tank,	14.25	24
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	77.0'✓	90	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date. 19. 11. 46.

Dates of Surveys held while building

1947. March 26; April 24, 30; May 7, 22; June 3, 19, 23; Aug. 8; Sept. 8, 23; Oct. 16; Nov. 21; Dec. 17, 20;  
1948. Jan. 27; Feb. 17; March 3, 18, 23, 31; April 9; May 20; June 2, July 9, 16, 20, 23.

Total No. of Visits 28.