

Rpt. 1.

WRECK
SECTION

No. 986

STEEL STEAMER or MOTORSHIP.

30 JAN 1935

Received at London Office.

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

25th January 1935

Port of

Glasgow

No. 55340

Survey held at

Glasgow

Date First Survey

31st Jan 1934

Last Survey

23rd January

1935

On the (State if Machinery fitted Aft and

Twin Screw Motor Ship "PORT WYNDHAM"

State Type (Full Scantling, Complete Superstructure

Complete Superstructure with Tonnage Opening State Type of Erections *Full on Shelter Dr.*

TONNAGE under

7731.10

CLASS +100.A.1.

State if with freeboard
as condition of Class *Yes*Built at *Glydebank*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)

L 492.0

Launched 23rd Oct. 1934 Yard No. 544

Breadth (greatest moulded)

B 65.0

Builders *John Brown & Co. Ltd.*

Total

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)D actual 43.83
Rule 43.25Owners *The Commonwealth & Dominion Line
Ltd.*

Gross Tonnage

8580.36

Register Tonnage

5233.45

1st Longitudinal Number (L x D) = 21279

2nd Numeral L x (B + D) = 53259

Managers

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

Residence *London*REGISTERED DIMENSIONS.
FEET.

Length

494.5

Breadth

66.25

Depth

30.6

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

18.75

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

11.2

Port of Registry *London*Do. Long Bridge to top
of keel

Draught Moulded

29' 8 3/4"

If surveyed while building, afloat, or in dry dock
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	33"		Bracket Floors, Frame	9 3 1/2 .38	
" " from 1/2 length to Collision bulkhead	27"		" " Reversed Frame	9 3 1/2 .38	
" " in peaks	24"		" " Vertical Struts	9 3 1/2 .38	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	60 x .62	
Frame Amidships, Angle, [or F	9 x 3 1/2 x 3 1/2 x 3/8 (see also plans)		" " top Angles double	3 1/2 3 1/2 .60	
" " Extends up to	Upper deck		" " bottom Angles double	5 5 .70	
Reversed Frame Amidships, Angle	3 1/2 3 1/2 .48		Side Girders, No. each side and thickness	2 at .44	
" " Extends up to	Third dk		Margin Plate depth (excl. of flange) and thickness	46 x .60	
Depth of Framing Girder	9"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem frame 156	6 6 .50	
Frames in Uppermost Continuous 'tween Decks, Angle, [or F	as above		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem frame 155	6 6 .50 double	
" " Second 'tween Decks, Angle, [or F	"		Continuous plate Gusset, spacing and scantling abaft 1/2 len. from stem	.45	
" " Third " " " "	"		" " Gussets, spacing and scantling forward 1/2 len. from stem	.45	
Framing in Peaks, Angle or [9 3 1/2 .45		Tank Side Brackets, height above base line at toe of Frame and thickness	84"	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8" @ 5 1/4" x 1" @ 6"		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	59 x .58	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames + stringers as per Approved plan		Thickness of remainder in Holds	.50	
STRENGTHENING OF BOTTOM FOR WARP. State Particulars	Extra side girders + increased shell as per App'd plan		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?	Yes	
SINGLE BOTTOM. DUCT KEEL			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or F	8 x 3 1/2 x 3 1/2 x 3/8 + as per plans	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or F		
Middle Line Keelson, on Floors, Angles, [or F			Spacing	33"	
" " Through Plates or Intercostal Plate	60 x .52		Second Deck, amidships, Angle, [or F	9 x 3 1/2 x 3 1/2 x 40/54 + as per plans	
" " Foundation Plate on Floors (if Angles)	3 1/2 3 1/2 .60		Spacing	33"	
" " Flat Plate Keel Angles	5 5 .70		Third Deck, amidships, Angle, [or F	10 x 3 1/2 x 3 1/2 x 54/56 + as per plans	
Side Keelsons, No. each side			Spacing	33	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, [or F	9 x 3 1/2 x 3 1/2 x 40/54 + as per plans	
" " Angles			Spacing	33"	
DOUBLE BOTTOM.			Poop Deck, Angle, [or F		
Solid Floors, thickness and spacing	.44 at 8' 3"		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, [or F		
Bracket Floors, breadth and thickness at middle line	46 x .44		Spacing		
" " breadth and thickness at margin plate	36 x .44		Forecastle Deck, Angle, [or F	10 x 3 1/2 x 3 1/2 x 44/56	
			Spacing	alternate frames	

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.....	2 ✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	} wide spaced pillars & girders as per plan ✓		Thickness of Plating abreast Deck openings in way of Wells43 ✓	
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „			Thickness of Plating within line of openings...	.36 ✓	
„ „ „ „ „			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.	✓		Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	58x.40 ✓	appd. 53½"
Plating, thickness of			If Plated, state thickness.....	.36 ✓	
STRINGERS AND DECKS.			Fourth Deck. in No 3 hold.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	58x.34 ✓	
Stringer Plate, breadth and thickness in Wells	72x.75 ✓	appd. 70x.74	If Plated, state thickness30 ✓	
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	6 6 .74 ✓		Stringer Plate, breadth and thickness	/	
Thickness of Plating abreast Deck openings in way of Wells61 ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.44 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness ... <i>teak</i>	2½ outside houses		Plating, Sheathing, material and thickness ...		
„ „ „ „ „	2 inside " ✓		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	57x.40 ✓	
Stringer Plate, breadth and thickness in Wells	57½x.47 ✓		Plating, Sheathing, material and thickness36 <i>teak</i> , 2½ ✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. no.			BUTTS.						
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	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	53	.97	.82	.82	/	double	1 1/8"	4 1/8"	/	4	/	1 1/8"	4 1/2"	/	Lapped
DBLG. (if any) in way of duct keel		1.09			/	"	"	"		"		"	"		"
BOTTOM PLATING, No. } of Strakes 4.... }		.71	.56	.59-.70	/	"	7/8"	3.3	/	"		7/8"	3 1/2"	/	"
BILGE PLATING, No. of } Strakes one }		.71	.56	.65	/	"	"	"		"		"	"		"
SIDE PLATING, No. of } Strakes 5.... }		.68	.52	.52	/	3 seams treble remainder double	"	"		3	/	"	3 1/8"	/	"
UPPER DECK, Sheer- } strake in Wells..... }	75	.81	.60	.52	/	double	1"	3.7	/	4		1"	4"	/	"
UPPER DECK, Sheer- } strake in Bridge ... }															
STRAKE BELOW Sheer- } strake in Wells..... }	75	.75	.52	.52	/	double	1	3.7	/	4		1"	4"	/	Lapped.
STRAKE BELOW Sheer- } strake in Bridge ... }															
POOP SIDE PLATING															
BRIDGE SIDE PLATING ...															
FOREC'TLE SIDE PLATING			.46		/	single	3/4	3		1		3/4	2 5/8	/	Lapped

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

[illegible]

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.)

Note: The beams, pillars & girders of the Shelter deck, between frames 97+147 have been strengthened to take 1 tier of hanging meat, but the spaces have not at present been insulated.

The vessel is a sister ship to M.V. Port Chalmers No 83228 in the Register Book

Plans forwarded:-

- Midship Section
- Deck plans
- Stem frame
- Rudder
- Keel plate
- Multiple punching of bottom plating
- Strengthening of bottom forward
- Shaft brackets
- Multiple punching of 2nd & 3rd decks
- W.T. Bulkheads 23, 47 & 74
- " " 148.
- " " 97 & 122
- Aft Peak Bulkhead
- Fore peak Bulkhead
- Additional deck in No 3 hold
- Shaft Tunnels
- Painting arrangements
- Pillars & Girders (aft body)
- " " (forebody)
- " " details

- Alterations to pillars & girders with 2nd & 3rd tier dks
- " " beams
- Shifting under pillars
- Section through girder of 3rd deck in way of No 3 hatch
- Shifting of pillar 11 at slop deck
- Web frame at frame 167
- Riveting of tank side brackets (for)
- Rare bracket connections (aft.)
- Oil fuel hoppers at sides of Shaft Tunnels
- Oil fuel settling tank in Motor Room
- " " " " ahead
- Aft end framing
- Multiple punching of upper deck
- Web frames & strong beams in E.H.
- Stakes
- Rigging & masts
- Pillar
- Superstructures
- Forecastle bulkhead
- Pumping plan

Midship Section as built & also fitting & testing reports forwarded herewith

Note: See Glasgow letter 20/1/35 regarding damage received on trial trip:-
on P.S. ahead No 4 hatch due to being struck by tug.
S.S. " " 5 " " " " oil tanker during loading oil fuel.

Particulars of Drop Test of Cast Steel Anchors, viz.:- Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 64.1.2: T.L.: 308: 15.1.31. 2nd " 59.0.2: T.L.: 200: 1.9.28. 3rd " 59.1.14: T.L.: 199: 1.9.28.
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle } 44.7 ft.
on 3rd dk

(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)

2 Dks (S.E.) & Sheetmetal (S.E. tanks) Additional deck in No 3 hold. Deck Keel fwd of Engine Room

Official No. 163561: Signal Letters G.Y.C.W.

Is bottom of Vessel coated with cement part. if not give

particulars of composition Cement in Nos 1 & 2 A.B. tanks, Bituminous in Fore peak

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, O.F. or W.B. = 535 tons O.F.	149.5	589	Fore peak tank, W.B.	25.0	75.5
Double bottom, under Engines and Boilers, O.F. = 437 tons	60.5	480	After peak tank, W.B.	19.0	130.0
Double bottom, if under Engines only.			O.F. tanks aft, at sides of Tunnel = 136 tons O.F.	33.0	150.0
Double bottom, if under Boilers only, O.F. or W.B. = 537 tons O.F.	852	591	O.F. tank, forward, in turn dks in E.H. = 437 tons O.F.	52.2	481.0
Double bottom, forward, Nos 1 & 2, W.B. or F.W.	121.0	382	Other tanks, if fitted,		
Total capacity of double bottom		2042	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Total length of D.B. = 416 ft

Order for Special Survey No 6182

Date 11. 1. 34

Dates of Surveys held while building

1934 Jan 31 Feb: 2.6.12.15.19.23.26.28 Mar: 2.5.7.9.13.15.19.21.23.25.27.30 Apr: 3.5.11.12.17.18
24.25.30 May: 2.4.7.8.10.15.17.21.23.25.29.30 June: 1.5.7.12.19.21.25.27.29 July: 2.3.5.6.9.10
11.26.26.27.31 Aug: 3.8.10.13.15.16.17.20.21.22.23.28.29.31 Sep: 3.5.6.11.13.14.17.19.20.21.25.27 Oct: 2
3.5.10.11.12.13.17.18.19.23.29.31 Nov: 1.5.6.7.9.13.21.23.28 Dec: 5.7.12.14.19
26.28 (1935) Jan: 8.10.14.15.18.21.23

Total No. of Visits 124