

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with tonnage opening State Type of Erections Yoke & Post

State if with freeboard } *yes*  
as condition of Class }

Launched 24<sup>th</sup> April 1947 Yard No. 11

Length from fore part of stem to after part of stern } L 425.0  
post on summer L.W.L. See Sec. 3 (1a)

Builders Shipbuilding Corporation, Ltd.

Sumner United Phosphorus Company Limited

Owners *united yachts company limited*

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

Residence

Port of Registry *Liverpool*

*If surveyed while building, afloat, or in dry dock*

White building

	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> .....	36	✓	<b>Bracket Floors, Frame</b> .....	✓	
" " from 1/2 length amidships to Collision bulkhead.....}	27	✓	" " Reversed Frame.....	✓	
" " in peaks .....	24	✓	" " Vertical Struts .....	✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	43 1/4 x 54	✓
Frame Amidships, Angle, E or L.....	12 x 3 1/2 x 5/8 L	✓	" " top Angles .....	3 1/2 x 3 1/2 x 48	✓
" " Extends up to.....	2nd DK, UPPER DK EVERY 3rd	✓	" " bottom Angles.....	4 x 4 x 54	✓
<b>FRAMES IN AFTER HOLD</b>	10 x 3 1/2 x 48 L	✓	" " 2@ 7 x 3 x 42 L to T.T.		✓
Reversed Frame Amidships, Angle .....	✓		<b>Side Girders, No. each side and thickness</b> 2@	7 x 3 1/2 x 42 L to SHELL	✓
" " Extends up to .....	✓		<b>Margin Plate</b> depth (excl. of flange) and thickness .....	56	✓
<b>Depth of Framing Girder</b> .....	12	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	WELDED	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or L</b> .....	6 x 3 1/2 x 44 OA	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....	WELDED	✓
" " Second 'tween Decks, Angle, L or L	8 x 3 1/2 x 35 L	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	14 x 42 FL 3/2 CONTINUOUS.	✓
" " Third .....	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....	14 x 42 FL 3/2 do	✓
" " from 1/2 len. for'd. to 15% len. from Stem .....	12 x 3 1/2 x 5/8 L	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	11 1/2 x 48	✓
" " in Peaks, Angle or L .....	8 x 3 1/2 x 35 L	✓	HEEL		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	7/8 @ 6 x 3	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> .....	yes	✓	Breadth and thickness of Middle Line Strake...	46 PLATED TRANSVERSELY.	✓
<b>Are the scantlings and arrangements in the Panting Area</b> in accordance with the Rules and/or as approved ? .....	yes	✓	Thickness of remainder in Holds .....	46 x 54 1/4 HATCHES	✓
<b>Are the scantlings and arrangements in way of the Bottom Forward</b> in accordance with the Rules and/or as approved ? .....	yes	✓	<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room ?</b> .....	2 1/2 W.W. CEILING ALSO FITTED	✓
<b>SINGLE BOTTOM.</b>			<b>BEAMS. LONGITUDINAL</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b> .....	✓		Uppermost Continuous Deck, amidships in Wells, Angle, L or L .....	6 x 33 x 40 L @ 3-1/2 - 3-7/8" APART	✓
Height of Brackets at side above base line at toe of frame.....	✓		" " in way of Bridge, Angle, L or L .....	TRANS 15 x 4 x 40 L AND 12 x 4 x 53 @ 9-0" APART	✓
<b>Middle Line Keelson, on Floors, Angles, L or L</b> .....	✓		Spacing .....	✓	
" " Through Plate or Inter-costal Plate .....	✓		<b>LONGITUDINAL</b>		
" " Foundation Plate on Floors .....	✓		<b>Second Deck, amidships, Angle, L or L</b> .....	7 x 3 x 40 L @ 3-2 1/4 - 3-9/4 APART	✓
" " Flat Plate Keel Angles .....	✓		Spacing .....	CANTILEVERS 9'-0" APART AND AS APPROVED.	✓
<b>Side Keelsons, No. each side</b> .....	✓		1/4 @ NOS 2 & 3 HOLOS (TRANSVERSE)	9 x 3 x 3 x 38 @ HATCHES.	✓
" " thickness of Intercoastal Plate...	✓		<b>Third Deck, amidships, Angle, L or L</b> .....	15 x 4 x 4 x 40 L	✓
" " Angles .....	✓		Spacing.....	12 x 4 x 4 x 60 @ 27" SPACING EVERY FRAME	✓
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, L or L</b> .....	✓	
<b>Solid Floors, thickness and spacing</b> .....	42 EVERY FRAME	✓	Spacing.....	✓	
" " Are Frame and Reversed Frame joggled ? .....	FRAME ONLY	✓	<b>Peop Deck, Angle, L or L</b> .....	9 x 3 x 52 L to 6 x 3 x 40 OA	✓
<b>Bracket Floors, breadth and thickness at middle line</b> .....	✓		Spacing .....	EVERY FRAME	✓
" " breadth and thickness at margin plate.....	✓		<b>Bridge Deck, Angle, L or L</b> .....	✓	
			Spacing.....	✓	
			<b>Forecastle Deck, Angle, E or L</b> .....	8 x 3 x 42 L to 6 x 3 x 44 L	✓
			Spacing.....	EVERY FRAME	✓



PILLARS AND DECKS.

PILLARS AND DECKS.		Inches in Ship.	Any Departure from Approved Plans to be Noted.
Pillars, No. of Rows .....			
" "in Tween Decks, Size and Spacing .....			
" " " "			
" " " "			
" " " "TWEEN DECKS	6x3-3/8 L x 4x3-7/8 OA @ 4'-6" MAX. 10x3 1/2 x 3/8 L @ 4'-6" MAX.		
Centre Line Bulkhead Stiffeners and Spacing	HOLDS TWEEN DECKS	.26 .30	FORD ✓
Plating, thickness of	HOLDS		
Stringers and Decks.			
Uppermost Continuous Deck.		90 3/4 x .70	
Stringer Plate, breadth and thickness in Wells			
" " " "in way of Bridge			
" Angle in Wells	6 x 6 - 68		
Thickness of Plating abreast Deck openings in way of Wells	.70 & .65		
Thickness of Plating abreast Deck openings in way of Bridge			
Thickness of Plating within line of openings	.40		
If Sheathed, material and thickness			
Second Deck.		90 1/4 x .44	
Stringer Plate, breadth and thickness in Wells			
Third Deck.			
IN WAY OF NOS 2 & 3 HOLDS		87 1/2 x .34	
Stringer Plate, breadth and thickness			
If Plated, state thickness		.34-.40	ABREAST HATCHES.
Fourth Deck.			
Stringer Plate, breadth and thickness			
If Plated, state thickness			
Poop Deck.			
Stringer Plate, breadth and thickness		.36	
Plating, Sheathing, material and thickness		.30	2 1/2 O.P. ✓
Bridge Deck.			
Stringer Plate, breadth and thickness			
Plating, Sheathing, material and thickness			
Forecastle Deck.			
Stringer Plate, breadth and thickness		.36	
Plating, Sheathing, material and thickness		.32-.50	O.W.'LASS & JOINTLESS DECKING.

## SHELL PLATING.

## RIVETING.

SCANTLINGS.					EDGES.			BUTTS.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if joggled? <i>No.</i>			No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.			Diam.	Spacing cr. to cr.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.				
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	55 5/8	.80	.70	.70		DOUBLE	7/8	3-6	WELDED	✓	✓	BUTT WELD
" Dblg. (if any) <i>B</i>		.68	.56	.68		DOUBLE	7/8	3-6	4R TO 3R AMIDS	✓	✓	LAPPED AM
Bottom Plating, No. of Strakes <i>A</i>		.64	.56	.63	approved 50 at ends.	DOUBLE AMIDS	7/8	3-6	WELDED AT ENDS	✓	✓	SINGLE STRA
Bilge Plating, No. of Strakes <i>D</i>		.68	.59	.60		WELDED AT ENDS	7/8	3-6	4R AMIDSHIPS	✓	✓	LAPPED AM
Side Plating, No. of Strakes <i>F</i>		.68	.50	.60		DOUBLE AMIDS	7/8	3-6	WELDED AT ENDS	✓	✓	LAPPED AM
Upper Deck, Sheer-strake in Wells <i>J</i>	92 7/8	.73	.46	.49		WELDED AT ENDS	7/8	3-6	3R AMIDSHIPS	✓	✓	LAPPED AM
Upper Deck, Sheer-strake in Bridge		.68	.46	.46		DOUBLE AMIDS	7/8	3-6	WELDED AT ENDS	✓	✓	do
Strake below Sheer-strake in Wells <i>H</i>	94 5/8	.68	.46	.46		WELDED AT ENDS	7/8	3-6	4R AMIDSHIPS	✓	✓	do
Strake below Sheer-strake in Bridge			.40			DOUBLE AMIDS	7/8	3-6	WELDED AT ENDS	✓	✓	do
Poop Side Plating		A.B.&C BOTTOM SHELL			FORD OF 1/2 = .75	WELDED	✓		WELDED	✓		BUTT WELD
Bridge Side Plating		A.B.&C. " "			" " 3/5 = .70							
Forecastle Side Plating		SIDE SHELL AT PANTING AREA			= .58	WELDED	✓		WELDED	✓		BUTT WELD

**FORGINGS AND CASTINGS.**

Forecastle		Side		Plating		WATERTIGHT BULKHEADS.		Any De from A Plans to	
Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
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144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Scantlings.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
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144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Maker's Name.	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Any De from A Plans to	
144, 121, 95, 75, 52, 31, 9.		1		8		6 for record.		Casting or Forging.	
144, 121, 95, 75, 52, 31, 9.									



## ANCHORS.

## HAWSERS AND WARPS.

12



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.)

Sister vessels: "HESPERIDES" Sunderland Rpt No 34519  
"CHEF MECANICIEN DURAND" Sunderland Rpt No 34600

This vessel is a P.F.D. type and the following pre-fabricated parts have been embodied in the structure:

Centre girder, keel plates, floor, bulkheads, tank margin plates, tank top plates, deck girders, hatch end beams, shell plating amidships, deck plates, side frames, upper and second deck longitudinals and transverse, bulk angle intercostals, intercostal frames, hatch webs, cantilevers, tunnel, oil fuel and water ballast tanks, centreline bulkheads, stringer angles, bulwarks, midship deckhouses, engine and boiler casing, provision store, oil and escape hatches.

Blank flanges supplied for ventilator coamings and for bilge and ballast suction of midship deep tank.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of keel and centre girder welded. Seams and butts of fore and after end shell plating welded (clear of pre-fabrication), tank top seams and butts welded, margin plate, second deck, orlop deck, and deep tank top welded to shell. Seams and butts of orlop deck welded. Tank side brackets, bulkheads, tunnel, gusset plates and thrust seat welded to tank top. Tunnel and recess seams and butts welded. Intermediate frames in tween decks welded to second deck. Bulkheads welded to second and upper decks. Ventilator coamings welded to deck. Boss plates welded to shell.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. E.S.D. D.F.  
"Fore and after ends of shell welded" Longitudinal framing at deck  
"3rd deck fitted at Nos 2 & 3 holds" Fitted for oil fuel F.P. above 150°F  
"Carrying vegetable oil in deep tank" 8 BH (Call to W.D. 7 to 2nd Dk)

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	44-1-7	J.H.J.	8220	25-10-46
	2nd "	45-0-21	J.H.J.	8172	11-10-46
	3rd "	38-0-0	A.F.G.	8883	11-10-46
	STREAM	18-3-14	J.H.J.	7404	9-1-46

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31.5 ft., R.Q.D. ft., Bridge ft., Forecastle 38.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.  
Official No. 181095 Signal Letters G.Y.N.D. Extreme Breadth over Belting (Circ. 1611) Over-all Length 449 ft. (Circ. 1703)  
No. and Material of Decks 1 Deck (steel) shelter deck (steel) and 3rd deck (steel) at Nos 2 & 3 holds  
Parts of Bottom of Vessel coated with cement or approved composition Cement in Nos 1, 4, 5, 6 and 8 double bottom tanks, cofferdams, and peak tanks.  
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,	66.00	252	Fore peak tank,	28.00	144
Double bottom, under Engines and Boilers,	45.00	213	After peak tank,	20.00	100
Double bottom, if under Engines only,			Deep tank, aft, (in way of tunnel)	51.00	323
Double bottom, if under Boilers only,			Deep tank, forward, M.T.	21.00	795
Double bottom, forward,	205.50	810	Other tanks, if fitted,		
Total length (if continuous) and Capacity	316.50	1275	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6169

Date 23-1-45

Dates of Surveys held while building

1945 Nov 9, 26 Dec 7  
1946 Feb 25, 28 Mar 20, 24 May 15, 21, 23, 27 June 3, 6, 14, 25 July 8, 19 Aug 13, 19, 20, 23, 30 Sep 10, 17, 25, 26, 28  
Oct 1, 3, 15, 16, 17, 22, 24, 25, 29, 30 Nov 4, 8, 11, 13, 15, 18, 20, 22, 29 Dec 2, 3, 5, 10, 16, 17, 23, 27, 30, 31  
1947 Jan 2, 3, 6, 7, 8, 9, 10, 13, 14, 16, 20, 23, 24, 27, 28, 31 Feb 3, 6, 7, 10, 11, 12, 14, 15, 19, 20, 21, 24, 25, Mar 2, 4, 5, 6, 7, 10, 11, 12, 13, 14, 16, 20, 22, 23, 28, 29 Apr 1, 2, 3, 9, 11, 14, 16, 17, 18, 21, 23, 24, 25, 28, 29 May 1, 2, 6, 8, 13, Total No. of Visits 163  
14, 16, 20, 22, 23, 28, 29 June 2, 3, 4, 5, 9, 10, 11, 12, 16, 18, 19, 20, 24, 26, 27, 30 July 2, 4, 8, 10, 11, 15, 16, 17, 18, 22, 23, 24, 28, 30, 31