

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

No. 52049

Last Survey 31st May 1943

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

FULL SCANTLING

State Type of Erections **WHAE BACK**

TONNAGE under } 498.62
Tonnage Deck ...

CLASS **✠ 100 ALT** *State if with freeboard*
as condition of Class } NO.

Built at BEVERLY & HULL

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

Length from fore part of stem to after part of stern } 175.0
post on summer L.W.L. See Sec. 3 (1a)

Launched 23rd January, 1943 Yard No. 708

Total 498.62

Breadth (greatest moulded) B 30.0

Builders COOK, WELTON & GEMMELL LTD

Gross Tonnage 549.79

Depth, at middle of length from top of keel to top]

Owners THE ADMIRALTY

Register Tonnage 181.53

1st Longitudinal Number (L x D) 3800


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

REGISTERED DIMENSIONS.

Length 178.15

Breadth 30.05

Depth 15.2

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

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

Do. Long Bridge to } ✓
top of keel }

Draught Moulded

Residence **LONDON**

Port of Registry ☒

If surveyed while building, afloat, or in dry dock

Building 9 Appeal

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.....	21	✓	Bracket Floors, Frame	—	—
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	17	✓	" " Reversed Frame.....	—	—
" " in peaks FP AP	17	✓	" " Vertical Struts	—	—
	20	✓	Centre Girder, depth and thickness amidships	—	—
SIDE FRAMING.			" " top Angles	—	—
Frame Amidships, Angle, E or F	5 3 38	✓	" " bottom Angles.....	—	—
" " Extends up to.....	DECK	✓	Side Girders, No. each side and thickness.....	—	—
Reversed Frame Amidships, Angle	3 3 38	✓	Margin Plate depth (excl. of flange) and thickness	—	—
" " Extends up to.....	ACROSS FLOORS	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	—	—
Depth of Framing Girder.....	5 3 38	✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	—	—
Frames in Uppermost Continuous 'tween Decks, Angle, C or F	—	—	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	—	—
" " Second 'tween Decks, Angle, C or F	—	—	" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	—	—
" " Third	—	—	Tank Side Brackets, height above base line at toe of Frame and thickness	—	—
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	—	—	INNER BOTTOM PLATING.		
" " in Peaks, Angle, C	5 3 38	✓	Breadth and thickness of Middle Line Strake...	—	—
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3 3 38	✓	Thickness of remainder in Holds	—	—
State if Frame Joggled.....	NO	✓	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 the Panting Area in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6 3 38	✓
SINGLE BOTTOM.			" " in way of Bridge, Angle, C or F	—	—
Floors, Depth and thickness at mid-line in Holds.....	19 x 40	✓	Spacing	EVERY FRAME	✓
Height of Brackets at side above base line at toe of frame.....	44 E 9 B SPACE	✓	RQ Second Deck, amidships, Angle, E or F	6 3 38	✓
Middle Line Keelson, on Floors, Angle, E or F	15 x 4 x 4 36 47 105	✓	ON FRAMES 51-2-394	7 3 40 BA	✓
" " Through Plate or Intercostal Plate	—	—	Spacing	EVERY FRAME	✓
" " Foundation Plate on Floors	—	—	LOWER FORWARD	5 x 3 x 34 FRS 61-48 89 84-08	✓
" " Flat Plate Keel Angles	—	—	Third Deck, amidships, Angle, E or F	5 x 3 x 36 " 80-86	✓
Side Keelsons, No. each side ONE	5 x 4 x 50	✓	Spacing	EVERY FRAME EXCEPT 89-98 ALTERNATE FRAMES	✓
" " thickness of Intercostal Plate.....	54 B SPACE	✓	LOWER AFT	5 3 30	✓
" " Angles	—	—	Fourth Deck, amidships, Angle, E or F	—	—
" " Angles	—	—	Spacing.....	EVERY FRAME	✓
DOUBLE BOTTOM.			Poop Deck, Angle, C or F	—	—
Solid Floors, thickness and spacing	—	—	Spacing.....	—	—
" " Are Frame and Reversed Frame joggled?	—	—	Bridge Deck, Angle, C or F	—	—
Bracket Floors, breadth and thickness at middle line	—	—	Spacing.....	—	—
" " breadth and thickness at margin plate.....	—	—	WHAKERACK	5 3 40	✓
			Forecastle Deck, Angle, E or F	—	—
			Spacing.....	30	✓

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	Two		Stringer Plate, breadth and thickness in way of Bridge GALLONS	.38	
FORWARD in between Decks, Size and Spacing	3" DIA. AS APPROVED		Thickness of Plating abreast Deck openings in way of Wells GALLONS	.38-.31	
CROSS BUNKER in Hold	3" DIA. AS APPROVED		Thickness of Plating abreast Deck openings in way of Bridge	.31	
STORE ROOM FORWARD	3" "		Thickness of Plating within line of openings	.31	
Stiffeners and Spacing FRS. 40-55	7x3x.40 B.A. SPACED 42"		Sheathed, material and thickness	2 1/2 DOUGLAS FIR	
Plating, thickness of	.26		LOWER Third Deck. FORWARD Stringer Plate, breadth and thickness	.26	
STRINGERS AND DECKS.			If Plated, state thickness	.26	
Uppermost Continuous Deck.			LOWER Fourth Deck. AFT Stringer Plate, breadth and thickness	.30	
Stringer Plate, breadth and thickness in Wells	12"x.34"x.31"		If Plated, state thickness	.30	
" " " " in way of Bridge GALLONS	.38		STORE FLAT AFT Stringer Plate, breadth and thickness	15"x.30"	
" " " " Angle in Wells	3 1/2" 3" 40"		Plating, Sheathing, material and thickness		
Thickness of Plating abreast Deck openings in way of Wells CASINGS	.38-.31		Bridge Deck. Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Bridge			Plating, Sheathing, material and thickness		
Thickness of Plating within line of openings	.36-.31		Whaleback Forecastle Deck. Stringer Plate, breadth and thickness	.30	
OVER ACCOMMODATION			Plating, Sheathing, material and thickness	.30	
Sheathed, material and thickness	2 1/2 DOUGLAS FIR.				
R.Q. Second Deck.					
Stringer Plate, breadth and thickness in Wells	3 1/2"-.31"				

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
CARBOARD Flat Plate Deck	36	.52	.46	.46		DOUBLE	3/4	3	3 ROWS FOR 1/2 L TO R	3/4	2 5/8 STRAPPED
" Bilg. (if any) A	60	.44	.40	.40		"	"	"	2 ROWS	"	LAPPED
Bottom Plating, No. of Strakes 1. B	56	.44	.40	.40		"	"	"	"	"	"
Bilge Plating, No. of Strakes 1. C	56	.44	.40	.40		"	"	"	"	"	"
Side Plating, No. of Strakes 2. D	63	.44	.40	.40		"	"	"	3 ROWS FOR 1/2 L TO R	"	"
Upper Deck Sheer-strake in Wells E	57	.44	.40	.40		"	"	"	"	"	"
Upper Deck, Sheer-strake in Bridge F	48	.625	.50	.50		"	1/8 3 1/2	"	1/8	3 1/8 STRAPPED	
Strake below Sheer-strake in Wells	-	-	-	-							
Strake below Sheer-strake in Bridge	-	-	-	-							
Poop Side Plating	-	-	-	-							
Bridge Side Plating	-	-	-	-							
WHALEBACK Forecastle Side Plating	✓	✓	.30	✓							

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	8
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	4
As per Rule	3

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
FRAME 55	.30	4"x3"x.34" BA	30"		
MIDSHIP BULKHD, Upper 'tween decks	" 79	6x3x.34" A	24"		
" " Second	" 60	6x3x.34" A	24"		
" " Third	" 68	6x3x.34" A	22 1/2"-30"		
" " Hold	" 83	6x3x.34" A	24"		
" " "	" 84	6x3x.34" A	24"		
" " "	" 100	30"-40" 4x3x.30"	24"		
COLLISION (in Hold)	8	5x3x.36"	"	KEEL TO W.T. FLAT	
" " "	18	3x2x.31"	"	30 W.T. FLAT TO MAIN OK.	
AFTER PEAK	1	3x3x.30"	24"		
		4x3x.30"	24"		
		5x3x.30"	24"		

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	ROLLED	8"x2"	APPLEBY	FROD
STEM	"	"	"	"
STERN FRAME	Propeller Post	FORGED 8"x4"	FORSTER	
	Rudder	" 7"x4"	"	
Speed of Vessel		12-14 KNOTS		
RUDDER—Type	BOW FORGED	✓	FORSTER	
" A x D.		175.40		
" Diam. of head		7 1/2" DIA.		
" Mainpiece at top pintle		7 1/4"		
" " heel		5 1/4"		
" how constructed		3 ARMS. SHRUNK & KEYS		
" double or single plate coupling, vertical or horizontal		.34		
		HORIZONTAL		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	SECTIONS:— CONSETT & CO. LTD., DORMAN LONG & CO. & SKIRNINGBOVE IRON CO. LTD.
	PLATES:— " " APPLEBY-FRODINGHAM STEEL CO. LTD.
	Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. ✓										LETTER ✓ Rule "2"		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.				
435714	1st Bower	13	1	0	STOCKNESS	14	19	1	14	✓	26	BYERS IMPROVED (C.S. HEAO)	✓	SUNDERLAND 23/4/43. R.J. VAGEN	
43340	2nd "	12	3	21	"	14	15	0	0	✓	25 Rule		✓	19/3/43 " "	
	3rd "														
	Collective weight	26	0	21											
2142 A	NEOS Stream	4	0	14	-	3	6	6	10	0	0	42 EX STOCK ADMIRALTY PLAN TYPE BRONZE LEMOX 180 NO. CARDIFF		20/5/43	
CHAIN CABLES.												HAWSERS AND WARPS.			

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 Ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	Length.	Ins.		
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.				Fathoms	Ins.	Tons.	Fathoms	Ins.			
2354	90	5/16	31	11 1/2	79-1-8					STEEL	K. HINGLEY & SON LTD.	21/5/43 J. A. REEF	TOWLINE	30	6	MAKING A FINE WITH					
2355	15 1/2	"	"	"	13-3-0					"	"	"		35F	3	3'S. W.R. EACH END					
2361	"	"	"	"	57-3-7				195	5/16	"	"		"							
2362	"	"	"	"						"	"	"		"	"						
2363	"	"	"	"						"	"	"		"	"						
2364	90	"	"	"	29-0-0					"	"	"	HAWSEERS & WARPS	150	2 1/2	ADMIRALTY PATTERN					
2365	"	"	"	"							"	"		"	"						
2366	"	"	"	"							"	"		"	"						
2367	"	"	"	"	29-0-0					"	"	"	"								
2368	"	"	"	"							"	"	"	"							
2369	"	"	"	"							"	"	"	"							
2370	"	"	"	"	29-0-0					"	"	"	"								
2371	"	"	"	"							"	"	"	"							
2372	"	"	"	"							"	"	"	"							
2373	"	"	"	"	29-0-0					"	"	"	"								
2374	"	"	"	"							"	"	"	"							
2375	"	"	"	"							"	"	"	"							
2376	"	"	"	"	29-0-0					"	"	"	"								
2377	"	"	"	"							"	"	"	"							
2378	"	"	"	"							"	"	"	"							
2379	"	"	"	"	29-0-0					"	"	"	"								
2380	"	"	"	"							"	"	"	"							
2381	"	"	"	"							"	"	"	"							
2382	"	"	"	"	29-0-0					"	"	"	"								
2383	"	"	"	"							"	"	"	"							
2384	"	"	"	"							"	"	"	"							
2385	"	"	"	"	29-0-0					"	"	"	"								
2386	"	"	"	"							"	"	"	"							
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2388	"	"	"	"	29-0-0					"	"	"	"								
2389	"	"	"	"							"	"	"	"							
2390	"	"	"	"							"	"	"	"							
2391	"	"	"	"	29-0-0					"	"	"	"								
2392	"	"	"	"							"	"	"	"							
2393	"	"	"	"							"	"	"	"							
2394	"	"	"	"	29-0-0					"	"	"	"								
2395	"	"	"	"							"	"	"	"							
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2397	"	"	"	"	29-0-0					"	"	"	"								
2398	"	"	"	"							"	"	"	"							
2399	"	"	"	"							"	"	"	"							
2400	"	"	"	"	29-0-0					"	"	"	"								
2401	"	"	"	"							"	"	"	"							
2402	"	"	"	"							"	"	"	"							
2403	"	"	"	"	29-0-0					"	"	"	"								
2404	"	"	"	"							"	"	"	"							
2405	"	"	"	"							"	"	"	"							
2406	"	"	"	"	29-0-0					"	"	"	"								
2407	"	"	"	"							"	"	"	"							
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2409	"	"	"	"	29-0-0					"	"	"	"								
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2416	"	"	"	"							"	"	"	"							
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2421	"	"	"	"	29-0-0					"	"	"	"								
2422	"	"	"	"							"	"	"	"							
2423	"	"	"	"							"	"	"	"							
2424	"	"	"	"	29-0-0					"	"	"	"								
2425	"	"	"	"							"	"	"	"							
2426	"	"	"	"							"	"	"	"							
2427	"	"	"	"	29-0-0					"	"	"	"								
2428	"	"	"	"							"	"	"	"							
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2430	"	"	"	"	29-0-0					"	"	"	"								
2431	"	"	"	"							"	"	"	"							
2432	"	"	"	"							"	"	"	"							
2433	"	"	"	"	29-0-0					"	"	"	"								
2434	"	"	"	"							"	"	"	"							
2435	"	"	"	"							"	"	"	"							
2436	"	"	"	"	29-0-0					"	"	"	"								
2437	"	"	"	"							"	"	"	"							
2438	"	"	"	"							"	"	"	"							
2439	"	"	"	"	29-0-0					"	"	"	"								
2440	"	"	"	"							"	"	"	"							
2441	"	"	"	"							"	"	"	"							
2442	"	"	"	"	29-0-0					"	"	"	"								
2443	"	"	"	"							"	"	"	"							
2444	"	"	"	"							"	"	"	"							
2445	"	"	"	"	29-0-0					"	"	"	"								
2446	"	"	"	"							"	"	"	"							
2447	"	"	"	"							"	"	"	"							
2448	"	"	"	"	29-0-0					"	"	"	"								
2449	"	"	"	"							"	"	"	"							
2450	"	"	"	"							"	"	"	"							
2451	"	"	"	"	29-0-0					"	"	"	"								
2452	"	"	"	"							"	"	"	"							
2453	"	"	"	"							"	"	"	"							
2454	"	"	"	"	29-0-0					"	"	"	"								
2455	"	"	"	"							"	"	"	"							
2456	"	"	"	"							"	"	"	"							
2457	"	"	"	"	29-0-0					"	"	"	"								
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2460	"	"	"	"	29-0-0					"	"	"	"								
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2462	"	"	"	"							"	"	"	"							
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2478	"	"	"	"	29-0-0					"	"	"	"								
2479	"	"	"	"							"	"	"	"							
2480	"	"	"	"							"	"	"	"							
2481	"	"	"	"	29-0-0					"	"	"	"								
2482																					

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 being retained for reference in dealing with sister vessels, copies of these are in the Wokingham Office.
An Echo Sounding device has been fitted.
Folding Reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Sound deck plating electrically welded at sides of vessel and at ends.
Approved electrodes employed on this work.

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

100 A. I. STEAM TRAWLER "FOR GOVERNMENT SERVICE" E. S. D

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

1st Bower 8-1-14: A.E.G. 4709: 5/1/43:
2nd " 8-0-0: " : 7613: 26/11/42.
3rd " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 92.25 ft., Bridge ft., WHALEBACK Forecastle 34.0 ft.

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

Official No. Signal Letters Extreme Breadth over Belting Over-all Length 193'.0

No. and Material of Decks ONE DECK (5TH)

Parts of Bottom of Vessel coated with cement or approved composition IN BUNKERS, E.T.A SPACES, E.T.A PEAKS, CHAIN LOCKER AND BITUMINOUS SOLUTION ABOVE CEMENT: BITUMES EXPOSED IN F.W. 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,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	11.66	7
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			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3320

Date 5/6/42

Dates of Surveys held while building

1942
Oct. 14, 23, 30, Nov. 11, 19, 27, Dec. 3 - 1943
Jan. 8, 12, 16, 18, 21, 22, 23, Mar. 3, 5, 9,
12, 15, 19, 31, April 1, May 7, 8, 11, 14, 31.

Total No. of Visits 27