

YES

WRECK SECTION

Yes

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

State Type (~~Full Sample~~ Complete
without Tonno

TONNAGE under 6571
Tonnage Deck.)

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

Total 6571

Gross Tonnage 9041

Register Tonnage 4774

REGISTERED DIMENSION

Length 431.3

Breadth 56.2

Depth 35.2

	COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE	State Type of Erections	FORECASTLE
	OPENING		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

CLASS - 100 A1 WITH FREEBOARD (state if with freeboard)
CORRESPONDING TO AN EXTREME as condition of Class
DRAFT OF 26'-9".

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

Breadth (*greatest moulded*) **B**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } **D**

deck. See Sec. 3 (1c) **425 x 35.75**

1st Longitudinal Number ($L \times D$).....
 $425 \times (56.0 + 35.75)$

2nd Numeral $L \times (B + D) \dots\dots\dots =$

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 2

Built at HAVERTON HILL ON TEES

Examined 30th MAY 1942 Yard No 346

Edinburgh 5. 11. 1843

Builders FURNESS, S.B. CO. LTD.

Owners MINISTRY OF WAR TRANSPORT

Messrs. ANNING BROTHERS

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

Residence **CARDIFF.**

Book of Registry MIDDLESBROUGH

Port of Registry FREEPORT BROWNS

If surveyed while building, afloat, or in dry dock

WHILE BUILDING, AFLOAT, AND 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		31"				Bracket Floors, Frame		✓			
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....		27"				" " Reversed Frame		✓			
" " in peaks.....		24"				" " Vertical Struts		✓			
SIDE FRAMING.		12" 3½" 9/16"				Centre Girder, depth and thickness amidships		43¼" 54" 46-62" B.S.		✓	
Frame Amidships, Angle, E or [✓				" " top Angles		3½" 3½" 48"		✓	
" " Extends up to 2 ND DK AL ^T TO UPPER DK.		✓				" " bottom Angles		4" 4" 54"		✓	
Reversed Frame Amidships, Angle		✓				Side Girders, No. each side and thickness		ONE 38" 42" 52" B.S.		✓	
" " Extends up to...		✓				Margin Plate depth (excl. of flange) and thickness		36" 54" 60" B.S.		✓	
Depth of Framing Girder		12"				" " Vertical Angle to Tank side		6" 6" 44"		✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or [134 To COLLISION BULK EVERY FRAME, SCARPHED AT 2 ND DK TO U.D. & F.D. ALTERNATE FWD TO F.D. WITH INTERMEDIATE FRAMES 5' 3" x 5/16"				" " Bracket abaft ¼ len. from stem		DOUBLE 6" 6" 44"		✓	
" " Second 'tween Decks, Angle, [or [✓				" " Vertical Angle to Tank side		CONTINUOUS 6" 6" 44"		✓	
" " Third " " " "		R.F. 6" 6" 50"				" " Bracket from forward ¼ len. from stem to Panting Area		CONTINUOUS 42" 52" B.S.		✓	
" " from 1 len. for'd. to 15% len. from Stem		12" 3½" 55"				" " Gussets, spacing and scantling abaft ¼ len. from stem		CONTINUOUS PLATE 42"		✓	
" " in Peaks		8" 3½" 35"				Tank Side Brackets, height above base line at toe of Frame and thickness		7'-10 7/8"		✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		7/8" 5¼"		5/8" apptd.		INNER BOTTOM PLATING.		71¼" 50" 52" B.S.		✓	
State if Frame Joggled		No.				Breadth and thickness of Middle Line Strake		44" 52" UNDER HATCHES		✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?		YES				Thickness of remainder in Holds		44" 52" UNDER HATCHES		✓	
Are the scantlings and arrangements in way of the Bottom Forward 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?.....		YES		✓	
INGLE BOTTOM.						BEAMS.					
Floors, Depth and thickness at mid-line in Holds		7				Uppermost Continuous Deck, amidships in Wells, Angle, E or [8" 3½" 42"		✓	
Height of Brackets at side above base line at toe of frame						" " in way of Bridge, Angle, [or [✓			
Middle Line Keelson, on Floors, Angle, [or [Spacing		EVERY		✓	
" " Through Plate or Intercoastal Plate						Second Deck, amidships, Angle, E or [9" 3" 36"		✓	
" " Foundation Plate on Floors						Spacing		EVERY		✓	
" " Flat Plate Keel Angles						Third Deck, amidships, Angle, [or [✓			
Side Keelsons, No. each side						Spacing		✓			
" " thickness of Intercoastal Plate						Fourth Deck, amidships, Angle, [or [✓			
" " Angles						Spacing		✓			
DOUBLE BOTTOM.						Poop Deck, Angle, [or [✓			
Solid Floors, thickness and spacing		43¼" 42" 52" B.S. EVERY				Spacing		✓			
" " Are Frame and Reversed Frame joggled?		NO				Bridge Deck, Angle, [or [✓			
Bracket Floors, breadth and thickness at middle line		✓				Spacing		✓			
" " breadth and thickness at margin plate		✓				Forecastle Deck, Angle, E or [9" 3" 42"		✓	
						Spacing		EVERY		✓	

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.....	231		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	40x28x28 JOOM		Thickness of Plating abreast Deck openings in way of Wells.....	.36 ✓	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " " " "			Thickness of Plating within line of openings....	.34 ✓	
" " " " " "			If Sheathed, material and thickness	NOT SHEATHED ✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	7 12 3 1/2 .45 ✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of30 ✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells.....	65 1/2 .65 ✓		If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	6° 6' .60 ✓		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells55 .60 ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge40 ✓		Bridge Deck.		
Thickness of Plating within line of openings....			Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	NOT SHEATHED ✓		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells.....	82 3/4 .38 ✓		Stringer Plate, breadth and thickness.....	.36 ✓	
			Plating, Sheathing, material and thickness32 ✓	SHEATHED UNDER WINDGLASS ONLY.

SCANTLINGS.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES. YES State if forged?		RIVETING.						
STRAKES.	AS IN VESSEL.					SINGLE OR DOUBLE.		RIVETS.		No. of Rows of Rivets.	BUTTS.		STRAPPED OR LAPPED.	
	AMIDSHIPS.		FORWARD.			Diam. Inches.	Spacing or cr. to cr. Inches.	Diam. Inches.	Spacing or to cr. Inches.					
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.										
FLAT PLATE KEEL	54"	80"	70"	73"		DOUBLE	7/8"	3 1/4"		4	1"	4"	LAPPED	
DELG. (if any)	B	63"	50"	62"	8.70 1/2" 1/2" to 1 1/2" Rule	"	"	"	"	"	7/8"	3 1/2"	"	
	C	63"	62"	62"	portion of 1st BH	"	"	"	"	"	"	"	"	
	D	65"	57"	57"	see plan	"	"	"	"	"	"	"	STRAPPED	
BOTTOM PLATING, No. of Strakes	E	64"	57"	62"		"	"	"	"	"	"	"	STRAPPED	
	F	60"	45"	45"		"	"	"	"	3	"	"	LAPPED	
SIDE PLATING, No. of Strakes	G	60"	45"	45"		"	"	"	"	3	"	"	"	
	H	65"	45"	45"		"	"	"	"	3	"	"	"	
UPPER DECK, Sheer-strake in Wells	77 1/2"	73"	46"	46"		"	"	"	"	4	3 1/8"	1"	4"	LAPPED
UPPER DECK, Sheer-strake in Bridge ...	83 3/4"	65"	46"	46"		"	"	"	"	3	7/8"	3 1/2"	LAPPED	
STRAKE BELOW Sheer-strake in Wells														
STRAKE BELOW Sheer-strake in Bridge ...														
POOF SIDE PLATING														
BRIDGE SIDE PLATING ...														
FOREC'TLE SIDE PLATING			40"			S.	3/4"	3"		1.	3/4"	2 5/8"	LAPPED	

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

Extending to Upper Deck (Sec. 3 c)

„ Deck next below

As per Rule

7BH (Cell 6 W dk, 6 6 2nd dk)
6 divisional WT BHs in
7 "ween dks. Cheering in ween
✓ deck BHs closed as required by
MSR 25
7. (See cells 1, 6-42 with freeboard
reports).

	Casting or Forging.	Scantlings.	Maker's Name.	Any Particulars from a Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE			
STEM	10 x 2 1/2 ROLLED STEEL	TO L.W.L.	PLATED ABOVE.	
STERN FRAME	Propeller Post Rudder	1-3/4" X 1 1/2"	1 1/2" PLATE	
Speed of Vessel	10 1/2 KNOTS			
RUDDER-Type	DOUBLE PLATE			
"	A x D	146 x 3 90	578	
"	Diam. of head		11 5/8	
"	Mainpiece at top pintle		FABRICATED PLATES	
"	" heel			
"	how constructed		PLATES E.W.	
"	double or single plate		1/2"	
"	coupling, vertical or horizontal		VERTICAL 9 BOLTS 3/4" DIA.	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS
PLATES SOUTH DURHAM S&I CO COLVILLES LTD
ANGLES CONSETT IRON CO LTD. DORMAN LONG AC LTD CARGO FLEET IRON CO LTD.
 Has the Steel been tested as required by the Rules? YES

ANCHORS. 2, B. 1, S

HAWSERS AND WARPS.

Alternative Means of Steering BLOCKS & TACKLE LED TO WINCH

Windlass CLARK CHAPMAN CO LTD. Boats 2, LIFEBOATS 26-0' x 8-0' x 3-25'

Cargo Battens, thickness, material and spacing **NOT FITTED.**

3. 5. 6. $17\frac{3}{4} \times 10 \times 36$. N: 4. $19\frac{1}{2} \times 11\frac{3}{4} \times 38$ ✓

(f) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo

This vessel has been built in accordance with the approved plans, Secretary's letters and in general conformity with the rules and regulations for the class contemplated. All double bottom tanks, deep tanks in fore hold, tunnel tank in after hold, Fore and after peak tanks have been tested to rule requirements with satisfactory results. The bulkheads, tunnel weather decks & 2nd deck have been tested with water from a hose and found tight. The steering gear and auxiliary steering gear, windlass, winches, have been tested under working conditions and found satisfactory. The freeboard has been marked and cut in on vessel's sides and verified. The workmanship and materials are good.

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

CRUISER STERN. NO HAIR ON 2ND DECK

CORRESPONDING TO AN EXTREME DRAUGHT OF 26

Signature Cyril B. Hoover A. B. Young

97

[illegible]

11

1966-1967 Fdmb, H.C.

[Faint handwritten notes at the bottom of the page]

[Faint background text from reverse side visible through paper]

W11951

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 Vessel: Middlesbrough Report No. 17278. S/S "Empire Beaumont". Furness S.B.C. No. 345. Vessel placed in dry dock bottom & rudder cleaned & examined, found satisfactory & recoated. No Hatch covers fitted on 2nd deck.

PARTICULARS OF ELECTRIC WELDING (if employed)

Sternframe and Rudder electrically welded with approved electrodes

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

Vessel fitted with Wireless, Direction Finding, Echo Sounding, Cruiser Stern Cargo battens not fitted. Wiring fitted for Echo Sounding, but apparatus will be supplied when available.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	39-2-0. G.G.Y.	3919.	18-4-41.
	2nd "	39-2-8. R.H.T.G.	4108.	30-7-41.
	3rd "			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 39'-5½' ft.

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

Official No. 164857 Signal Letters Extreme Breadth over Belting ☒ Over-all Length 446'-5½' ☒
No. and Material of Decks 2nd DK. (STEEL)
Parts of Bottom of Vessel coated with cement or approved composition. All tanks cement washed and cement fillets fitted. Fore and after Peaks cement in bottom. E. & B. tanks cement fitted on bottom.
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,	62'-0"	227	Fore peak tank,	22'-4"	118
Double bottom, under Engines and Boilers, AFT INCLUDING TUNNEL SIDES	49'-1"	349	After peak tank,	20'-0"	114
Double bottom, if under Engines only,	28'-5"	131	Deep tank, aft, TANK IN WAY OF TUNNEL	49'-1"	349
Double bottom, if under Boilers only,	18'-1"	83	Deep tank, forward, (1 p.c. 15)	14'-0"	250
Double bottom, forward,	209'-9"	813	Other tanks, if fitted,		
Total length (if continuous) and Capacity	318'-3"	1603	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 1543

Date

7/11/42

Dates of Surveys held while building

1941 Aug. 26, 27, 28. Sept. 3, 23, 25, 30 Oct. 21, 28, 30 Nov. 6. Dec. 6, 22, 24. Jan. 9, 30, Feb. 6, 24. March 19, 29. Apr. 15, 17, 21, 27. May 5, 8, 12, 13, 29, 30. June 8, 16, 19, 23, 25, 29, July 2, 6, 10, 14, 18, 20, 22, 23, 24.

Total No. of Visits

45