

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING. State Type of Erections RAISED QUARTER

State if with freeboard } *No*
as condition of Class }

Length from fore part of stem to after part of stern } L 190.0
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 30.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous } D 13.5

deck. See Sec. 3 (1c)]

1st Longitudinal Number (L x D) = 2565 ✓

Depth 11.63

Framing Depth "d," at middle of length. See } 11.0
Sec. 3 (1d).

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 14.8 / AMPD
10.55 R.A. TK

Do. Long Bridge to } ✓
top of keel }

Draught Moulded 13-178

Launched 14TH SEPTEMBER 1943 Yard No. 395

Builders **GOOLE SHIPBUILDING & REPAIRING CO LTD**

Owners F. T. EVERARD & SONS LTD

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

Residence LONDON

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

DURING CONSTRUCTION.

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	22'	✓	Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead.....}	22'	✓	" " Reversed Frame.....	✓	
" " in peaks	22'	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30' x 38' - 32'	✓
Frame Amidships, Angle, E or C	5 3 3/8	BA. AT MAIN DECK ✓	" " top Angles	DOUBLE 3 3 3/8	✓
" " Extends up to	6 3 3/8	BA. R.Q. DECK ✓	" " bottom Angles.....	DOUBLE 3 3 3/8	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE .28	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	27' x 32'	✓
Depth of Framing Girder	6" AND 5'	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	20' MINIMUM DEPTH 3 3 5/16	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	5 5 5/16	✓
" " Second 'tween Decks, Angle, [or [.....			" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
" " Third " " " " " "			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓	
" " from 1/2 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness	35' x 30'	✓
" " in Peaks, Angle or [.....	5 3 .25	BA. ✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	Breadth and thickness of Middle Line Strake...	40' x 38' - 30'	✓
State if Frame Joggled	YES	✓	Thickness of remainder in Holds38	✓
Are the scantlings and arrangements in the Panting Area 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?.....	✓	incl. .08" increased under bottom in way of casing
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	YES	✓	BEAMS.		
SINGLE BOTTOM. 1/4 MOTOR SPACE.			Uppermost Continuous, Deck, amidships in	6 3 5/16	BA. ✓
Floors, Depth and thickness at mid-line in Holds MOTOR SPACE.	3/8	✓	Wells, Angle, E or C	5 3 1/4	BA. ✓
Height of Brackets at side above base line at toe of frame.....	NONE	✓	" " in way of Bridge, Angle, E or C	3 1/2 3 30	1 1/2 BEAMS. ✓
Middle Line Keelson, on Floors, Angles, [or [.....	✓		Spacing	22'	✓
" " Through Plate or Inter-costal Plate	✓		R. QUARTER		
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, E or C	6 3 5/16	BA. ✓
" " Flat Plate Keel Angles	✓		Spacing	3 1/2 3 30	1 1/2 BEAMS. ✓
Side Keelsons, No. each side	ONE.		Third Deck, amidships, Angle, [or [.....	✓	
CONTINUOUS SIDE GIRDER UNDER ENGINE	9/16	✓	Spacing	✓	
" " thickness of Inter-costal Plate	3 3 3/8	✓	Fourth Deck, amidships, Angle, [or [.....	✓	
" " Angles BOTTOM ANGLE T.R.P.	5 5 5/8	✓	Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, E or C	5 3 1/4	BA. ✓
Solid Floors, thickness and spacing28 - 22"	✓	Spacing	44'	✓
" " Are Frame and Reversed Frame joggled?	YES.	✓	Bridge Deck, Angle, [or [.....	✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" " breadth and thickness at margin plate.....	✓		Forecastle Deck, Angle, E or C	5 3 1/4	BA. ✓
			Spacing	22'	✓

PILLARS AND DECKS.					
		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		
PILLARS, No. of Rows		<i>ONE</i>			
" in 'tween Decks, Size and Spacing		<i>IN FORECASTLE 2 1/2 DIA. ALT. BEAMS.</i>			
" " " " "		<i>IN POOP SPACE 2 1/2 To SUIT ACCOMMODATION.</i>			
" in Holds " " " "		<i>TREE KNEES EVERY 4TH FRAME. IN LIEU OF PILLARS.</i>			
" " " " "		<i>✓</i>			
Centre Line Bulkhead, Stiffeners and Spacing					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck. <i>MAIN DECK.</i>		<i>66' x .48 to .28 ✓</i>			
Stringer Plate, breadth and thickness in Wells		<i>✓</i>			
" " " " " <i>in way of Bridge</i>		<i>✓</i>			
" Angle in Wells		<i>3 1/2 3 1/2 .48 ✓</i>			
Thickness of Plating abreast Deck openings in way of Wells		<i>✓</i>			
Thickness of Plating abreast Deck openings in way of Bridge.....		<i>✓</i>			
Thickness of Plating within line of openings...		<i>.30 - .28 ✓</i>			
If Sheathed, material and thickness.....		<i>BARE STEEL DECK.</i>			
<i>R. QUARTER.</i>					
<i>Second Deck.</i>		<i>66' x .32 to .28 ✓</i>			
Stringer Plate, breadth and thickness in Wells					
Stringer Plate, breadth and thickness in way of Bridge				<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Wells				<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Bridge.....				<i>✓</i>	
Thickness of Plating within line of openings...				<i>.28 ✓</i>	
If Sheathed, material and thickness.....				<i>BARE STEEL DECK. ✓</i>	
Third Deck.				<i>✓</i>	
Stringer Plate, breadth and thickness.....				<i>✓</i>	
If Plated, state thickness				<i>✓</i>	
Fourth Deck.				<i>✓</i>	
Stringer Plate, breadth and thickness.....				<i>✓</i>	
If Plated, state thickness.....				<i>✓</i>	
Poop Deck.					
Stringer Plate, breadth and thickness.....		<i>65' x .34 ✓</i>			
Plating, Sheathing, material and thickness ...				<i>.34 ✓</i>	
Bridge Deck.				<i>✓</i>	
Stringer Plate, breadth and thickness.....				<i>✓</i>	
Plating, Sheathing, material and thickness ...				<i>✓</i>	
Forecastle Deck.					
Stringer Plate, breadth and thickness.....				<i>.26 ✓</i>	
Plating, Sheathing, material and thickness...				<i>.32 - .26 ✓</i>	

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing		Diam.	Spacing	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.		Inches.	Inches.
Flat Plate Keel. <i>OUT</i>	39'	47'	43'	43'		2 ROWS	3/8	6 RIVETS Exc.F.R.	3 ROWS	3/4	2 5/8	STRAPS
" <i>Dble. (1" and 1/2")</i>	72'	3/8	40'	33'		2 "	"	"	2 "	"	"	LAPS
Bottom Plating, No. of Strakes <i>2 out</i>	72'	3/8	40'	33'		2 "	"	"	2 "	"	"	"
Bilge Plating, No. of Strakes <i>1 in</i>	59'	3/8	36'	33'		2 "	"	"	2 "	"	"	"
Side Plating, No. of Strakes <i>out D</i>	52'	3/8	36'	33'		2 "	"	"	2 "	"	"	"
" <i>E</i>	51'	44	36'	33'		2 "	"	"	3-2 "	"	"	"
Upper Deck, Sheer-strake in Well.....	45'	54'	36'	"		2 "	7/8	5 Riv. Exc.F.R.	4-3-2 "	7/8	3 1/8	"
Upper Deck, Sheer-strake in Bridge.....	45'	40'	"	33'		2 "	3/4	6 Riv. Exc.F.R.	3-2 "	3/4	2 5/8	"
Strake below Sheer-strake in Well.....	58'	40'	"	33'		2 "	3/4	"	3-2 "	"	"	"
Strake below Sheer-strake in Bridge.....	"	"	"	"		"	"	"	"	"	"	"
Poop Side Plating.....	46'	"	"	26'		1 "	5/8	4 Riv. Exc.F.R.	1 "	5/8	2 1/2 4 1/2	LADS AND STRAPS.
Bridge Side Plating.....	"	"	"	"		"	"	"	"	"	"	"
Forecastle Side Plating.....	52"	"	3	8-26		1 "	5/8	"	1 "	5/8	4 1/2 2 1/2	STRAPS AND LAPS.

Total No. of W.T. BULKHEADS in Vessel—	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted	
Extending to Upper Deck (Sec. 3 c) <u>4</u> ✓	KEEL, Bar	FLAT	PLATE	KEEL	
„ Deck next below <u>✓</u>	STEM	FLAT BAR	ROLLED	6 1/4 x 1 3/8	BARCLAY FRIDINGHAM STEEL CO LTR
As per Rule <u>3</u>	STERN FRAM	Propeller Post	SCREW STEEL	6 x 3 3/4	T.S. FOSTER & SONS LTR

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		,, Deck next below		As per Rule	
		4 ✓		✓		3	
		STIFFENERS.					
Plating Thickness.		VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper 'tween decks							
,, Second ,,							
,, Third							
,, Holds		$N^{\circ} 25 \times 40 - 34 - 28 \times 3 \frac{1}{2} \times 16 \text{ AR. } 30'$ $65 \times 42 - 36 - 28 \times 9 \times 5 \text{ AR. } 28 \frac{1}{2}'$ $6 \times 3 \times 40 \times 3 \frac{1}{2} \times 16 \text{ AR. } 24'$					
COLLISION		$94 \times 42 - 30 \times 10 \times 3 \frac{1}{2} \times 7 \text{ AR. } 24'$ $7 \times 3 \times 38 \text{ AR. } 24'$ $6 \times 3 \times 39 \text{ AR. } 24'$					
AFTER PEAK		$6 \times 3 \times 39 \text{ AR. } 24'$ $6 \times 3 \times 39 \text{ AR. } 24'$					

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>OPEN HEARTH PROCESS.</i> <i>APPLEBY FRODINGHAM STEEL CO., CONSETT IRON CO., DORMAN LONG & CO.</i>
	Has the Steel been tested as required by the Rules? <i>YES.</i>

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 55.			Description of Anchor.	Makers.	Where and when tested, and superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
44025	1st Bower ...	19	1	0	None	None	None	20	1	3	14	✓ 19	✓	3 Years IMPROVED STOCKLESS	NAME NOT GIVEN	SWANSEA 8-7-43 R. L. YOUNG
44026	2nd " ...	19	0	21	✓ None	✓	✓	20	1	3	14	✓ 19	✓	" " "	" " "	" 8-7-43 " ✓
✓	2nd " ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	Collective weight	38	1	21	✓	✓	✓	✓	✓	✓	✓	✓ 38	✓	✓	✓	✓
56152	Stream	5	0	24	✓ 1	✓ 1	✓ 18	✓ 7	✓ 11	✓ 3	✓ 14	✓ 5 1/4	✓	ORDINARY FORGED WROUGHT IRON ANCHOR	NAME NOT GIVEN	CARDIFF HEATH 31-5-43 W. J. NORMAN

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 Tensile of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Stains.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2421	180	1 5/16	31	46 1/2	161-2-20		210	1 5/16	STUD LINK	NAME NOT GIVEN	NEWINGTON 28-7-43	HAWSERS & WARPS	90	3	186	90	3
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	J. A. ROLF	"	90	5	✓	90	5
IRON STEEL CHAIN OR STEEL WIRE	60	3/4	✓	21-7	✓	✓	60	3/4	✓	✓	✓	"	90	5	✓	✓	✓

Steering Gear, Type (Power or hand) *ELECTRIC STEERING GEAR BY DONKIN & CO* Alternative Means of Steering *TILLER WITH BLOCKS AND TACKLE*
 Steering Chains (Size and Test) *3/4 IN DIA 6 3/4 TONS TEST.* Windlass *ELECTRIC HORIZONTAL MINOR* Boats *2 WOOD LIFEBOATS.*
 Ceiling in Holds, thickness and material *9' x 2 1/2' WHITE PINE OVER BILGES ONLY.* Cargo Battens, thickness, material and spacing *NONE FITTED*
 Cargo Hatchways.—(Upper Deck) *STEEL PLATES AND ANGLES.* Thickness of Hatches *2 1/2'*
 Size of Hatchways No. 1 (Fwd.) *40'-3" x 19'-0"* No. 2 *51'-3 1/2" x 19'-0"* No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓
MAIN DECK *12 Q. DECK.*
 Number of Shifting Beams } *7 TO N° 1 HATCH AND 9 TO N° 2 HATCH.*
 and/or Fore and Afters } *SLIDING HATCH BEAMS.*
 Builder's Signature _____

L. F. Briggs.

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letter. The scantlings and arrangements are in accordance with, or equivalent to those shown on the approved plans. A fireboard has been assigned, the marks cut in on ribs, sides and reinforced. The double bottom tanks, peaks and oil fuel bunkers have been tested in accordance with Rule requirements and found satisfactory. Oil fuel carried in built-in tanks (P. 5) under deck in motor room, flash point about 150°F. Decks, steering gear and windlass have been tested and found satisfactory.

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

I am of opinion the Vessel should be Classed ~~100A.1.~~

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

Certificate 5 to be sent to HOLL. Date of issue 17/2/44

Committee's Minute FRI. 21 JAN 1944

Character assigned +10

not to
Min

.....

1. 11. 1912

11/11/11

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Lloyd's Register
Foundation

0010 ^{2/2}

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.)

This vessel is a sister ship to M.V. ABILITY Hull F.E. Report No 52161.

PARTICULARS OF ELECTRIC WELDING (if employed) ✓

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

CARGO BATTENS NOT FITTED

	ANCHOR NO	WEIGHT	SURVEYOR	CERTIFICATE NO	DATE
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 44025	11-2-16	J.H.I.	5463 NEWCASTLE	5-3-43
	2nd " 44026	11-3-24	J.H.I.	5464 "	5-3-43.
	3rd " ✓				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 50 ft., R.Q.D. 119-8 ft., Bridge ✓ ft., Forecastle 20 ft.

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

Official No. 169705 Signal Letters ✓ Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 202-7 FEET. (Circ. 1703)

No. and Material of Decks 17K STEEL

Parts of Bottom of Vessel coated with cement or approved composition NO CEMENT IN DOUBLE 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,	✓	✓	Fore peak tank,	20'	73
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	18'	67
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward, Nos 1-2 W.B. TANKS.	126-5	196	Other tanks, if fitted OIL FUEL BUNKERS / IN MOTOR ROOM	✓	✓
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)	40 TONS.	✓

Order for Special Survey No. 3352

Date 14.10.42

Dates of Surveys held while building

1942. Nov. 23. Dec. 3. 7. 9. 18. 23. 30. 1943. Jan. 8. 12. 15. 27. 29. Feb. 5. 26. Mar. 5. 8. 12. 15. 18. 23. 26. Apr. 8. 12. 19. 22. 30. May 6. 10. 12. 14. 20. 25. 28. June 2. 9. 14. 21. 25. 29. July 2. 7. 12. 16. 23. 27. Aug. 10. 30. 23. 27. Sept. 1. 7. 13. 14. 21. 24. 29. Oct. 4. 8. 14. 19. 25. 29. Nov. 2. 8. 12. 18. 22. 27. Dec. 3. 7. 10. 16. 22. 27. 1944. Jan. 4.

Total No. of Visits 45