

Rpt. 1.

DISCLOSED

SECTION

No. 902

STEEL STEAMER or MOTORSHIP.

Received at London Office JAN 23 1941

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

19TH DECEMBER 1940.

Port of

HULL

No.

51051

Survey held at

GOOLE.

Date First Survey

20TH DECEMBER 1939.

Last Survey

18TH DECEMBER.

1940

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

SINGLE SCREW MOTOR COASTER

"EMPIRE CLIFF"

RICARDO

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

FULL SCANTLING.

State Type of Erections

POOP AND POLE AND RAISED QUARTER DECK.

TONNAGE under Tonnage Deck...

552.9

CLASS ~~100A.1.~~

State if with freeboard as condition of Class

No

Built at

GOOLE.

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

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

L 190.0

Launched

16TH OCTOBER 1940

Yard No.

357

Total

552.9

Breadth (greatest moulded)

B 30.0

Builders

GOOLE SHIPBUILDING & REPAIRING CO. LTD

Gross Tonnage

872.74

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 13.5

Owners

MINISTRY OF SHIPPING.

Register Tonnage

458.56

1st Longitudinal Number (L x D)

= 2565

Managers

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

2nd Numeral L x (B + D)

= 8265

Residence

LONDON.

REGISTERED DIMENSIONS.

FEET.

Length

197.75

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

11.0

Port of Registry

GOOLE.

Breadth

30.2

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

14.07 HAIUT

10.55 R.Q.D.

If surveyed while building, afloat, or in dry dock

Depth

11.65

Do. Long Bridge to top of keel

13.17

WHILE BUILDING AND Afloat.

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.
AMES, Spacing amidships	22	✓			Bracket Floors, Frame	✓			
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	22	✓			" " Reversed Frame	✓			
" " in peaks	22	✓			" " Vertical Struts	✓			
DE FRAMING.					Centre Girder, depth and thickness amidships	30	x	38	✓
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5	3	$\frac{3}{8}$ AA BY MAIN DECK	✓	" " top Angles	DOUBLE 3	3	$\frac{3}{8}$	✓
" " Extends up to	6	3	$\frac{3}{8}$ AA - R.Q. DECK	✓	" " bottom Angles	DOUBLE 3	3	$\frac{3}{8}$	✓
Reversed Frame Amidships, Angle	✓				Side Girders, No. each side and thickness	ONE	x	28	✓
" " Extends up to	✓				Margin Plate depth (excl. of flange) and thickness	27	x	37	32 approved
Depth of Framing Girder	6	AND 5	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3	3	$\frac{5}{16}$	✓
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$					" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	5	5	$\frac{5}{16}$	✓
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$					" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓			
" " Third " " " " "					" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	✓			
" " from $\frac{1}{2}$ 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 $\frac{1}{2}$	5	3	27 BA	✓	INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$	-	5 $\frac{1}{2}$	✓	Breadth and thickness of Middle Line Strake	40	x	38	✓
State if Frame Joggled	YES	✓			Thickness of remainder in Holds	38	✓		increased in deck of engine & hatch
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?	✓			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓			BEAMS.				
DOUBLE BOTTOM. IN MOTOR SPACE					Main Deck.				
Floors, Depth and thickness at mid-line in Holds	$\frac{3}{8}$	✓			Uppermost Continuous Deck, amidships in Walls, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6	3	$\frac{5}{16}$ AA	✓
Height of Brackets at side above base line at toe of frame	NONE	✓			" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5	3	$\frac{1}{4}$ AA	✓
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$	✓				" " Spacing	3 $\frac{1}{2}$	3	30 L $\frac{1}{2}$ BEAMS	✓
" " Through Plate or Intercoastal Plate	✓				R. QUARTER				
" " Foundation Plate on Floors	✓				Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6	3	$\frac{5}{16}$ AA	✓
" " Flat Plate Keel Angles	✓				" " Spacing	3 $\frac{1}{2}$	3	30 L $\frac{1}{2}$ BEAMS	✓
Double Keelsons, No. each side	ONE	✓			Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓			
" " thickness of Intercoastal Plate	9/16	✓			" " Spacing	✓			
" " Angles	3	3	$\frac{3}{8}$	✓	Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓			
DOUBLE BOTTOM.					" " Spacing	✓			
Solid Floors, thickness and spacing	28 - 22	✓			Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5	3	27 BA	✓
" " Are Frame and Reversed Frame joggled?	YES	✓			" " Spacing	44	✓		
Bracket Floors, breadth and thickness at middle line	✓				Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓			
" " breadth and thickness at margin plate	✓				" " Spacing	✓			
					Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5	3	$\frac{1}{4}$ BA	✓
					" " Spacing	22	✓		

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....		ONE	✓		
" in 'tween Decks, Size and Spacing.....		IN FORECASTLE	2" Dia	✓	
" " " " "		ALTERNATE	BEAMS	✓	
" " " " "		✓			
" in Holds " "		DEEP KEELS EVERY 4 TH BEAM	✓		
" " " " "		IN LIEU OF PILLARS.			
" " " " "		9" 3 1/2" x 7/16" DOUBLE BULB ANGLE	✓		
" " " " "		PILLAR ON N° 65 FRAME.	✓		
Centre Line Bulkhead.					
Stiffeners and Spacing.....					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		66" x .48	7.28	✓	
" " " " in way of Bridge		✓			
" Angle in Wells		3 1/2" 3 1/2" .48	✓		
Thickness of Plating abreast Deck openings) in way of Wells		✓			
Thickness of Plating abreast Deck openings) in way of Bridge		✓			
Thickness of Plating within line of openings...		.28	✓		
If Sheathed, material and thickness		NO SHEATHING.	✓		
RAISED QUARTER					
Second Deck.					
Stringer Plate, breadth and thickness in Wells...		66" x .32	.40	6 1/4" x .32	✓
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating abreast Deck openings) in way of Bridge					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....				✓	
Fourth Deck.					
Stringer Plate, breadth and thickness.....				✓	
If Plated, state thickness				✓	
Poop Deck.					
Stringer Plate, breadth and thickness		65" x .26	✓		
Plating, Sheathing, material and thickness30 - .26			
Bridge Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
Forecastle Deck.					
Stringer Plate, breadth and thickness.....		.26	✓		
Plating, Sheathing, material and thickness26	✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		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 <i>OUT...</i>	39 ¹	47	43	43		2 Rows	3/4	6 R.W. Exc.F.R.	3 Rows	3/4	2 5/8	STRAPS
" DECK (if any)	72	3/8	40	33		2 "	"	"	2 "	"	"	LAPS
BOTTOM PLATING, No. of Strakes <i>OUT</i>	72	3/8	40	33		2 "	"	"	2 "	"	"	"
BILGE PLATING, No. of Strakes	59	3/8	33	33		2 "	"	"	2 "	"	"	"
SIDE PLATING, No. of Strakes	52	3/8	33	33		2 "	"	"	2 "	"	"	"
	51	44-3/8	34	33		2 "	"	"	3 to 2 Rows	"	"	"
UPPER DECK, Sheer-strake in Well	45	54	35		44 x 54	2 "	7/8	5 R.W. Exc.F.R.	3 to 2 "	7/8	3 1/8	"
UPPER DECK, Sheer-strake in Bridge	45	40		33		2 "	3/4	6 R.W. Exc.F.R.	3 to 2 "	3/4	2 5/8	"
STRAKE Below Sheer-strake in Bridge	58	40		33		2 "	3/4	"	3 to 2 "	3/4	2 5/8	"
STRAKE Below Sheer-strake in Bridge												
POOP SIDE PLATING	46			26		1 "	5/8	7 R.W. Exc.F.R.	1 "	5/8	2 1/4	STRAPPED LAPPED
BRIDGE SIDE PLATING												
FOREC'TLE SIDE PLATING	56		26			1 "	5/8	8 R.W. Exc.F.R.	1 "	5/8	2 1/4	STRAPS

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

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)	3 ✓				
Deck next below	✓				
As per Rule	3 ✓				

	Plating Thickness.	STIFFENERS.						
		VERTICAL.		HORIZONTAL.				
		Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKHD, Upper tween decks								
" " Second "								
" " Third "								
" " Holds	N ^o 25	40	34-28	8-3 1/2	7 1/4	30	✓	✓
COLLISION " (in Hold)	N ^o 24	42	30	10-3 1/2	7 1/4	24	✓	✓
AFTER PEAK " "	N ^o 6	50	30	6-3	3 1/2	24	✓	✓

KEEL, Bar	FLAT PLATE KEEL	
STEM	FLAT BAR	ROLLED 6 1/2 x 3/8
STERN FRAME	Propeller Post	FORGED SCRAP IRON 6 x 3 1/2
	Rudder	" "
Speed of Vessel	10 KNOTS.	
RUDDER—Type	SEMI BALANCED	
" A x D	70 x 38	
" Diam. of head	FORGED SCRAP IRON 4 3/4	
" Mainpiece at top pintle	" 4 3/4	
" " heel	" 3 1/2	
" how constructed	FORGED AND BUILT.	
" double or single plate	" 5/16	
" coupling, vertical or horizontal	HORIZONTAL.	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH PROCESS
APPLEBY FROTHINGHAM STEEL CO., CONFETT IRON CO., SOUTH DURHAM S. CO., DORNAN LONG CO., STEWART & LLOYD LTD.	
CALVILLE LTD. SWINDON IRON CO.	
Has the Steel been tested as required by the Rules?	Yes. ✓

9302

EQUIPMENT No 9312										LETTER K.		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.					Cwts.
39914	1st Bower ...	19	0	23	NONE			20	1	3	14	19	BYERS/IMPROVED STOCKLEY	NAME NOT GIVEN	SUNDERLAND 27-6-40 W.V. NORMAN.	
39913	2nd " ...	19	0	2	NONE			19	19	2	21	19	" " "	" " "	27-6-40 "	
	3rd " ...	OMITTED 9/C EMERGENCY														
	Collective weight.	38	0	25								38				
53520	Stream	5	2	2	1	1	19	7	16	1	0	5 1/2	ORDINARY FORGED WROUGHT IRON ANCHOR	NAME NOT GIVEN	RODLEY/NEITH 29-8-40 ST. PAUL	

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.	Stat.	Break.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.
111503	180	1 5/16	31	46 1/2	159-2-0	159		180	1 5/16	5 TON LINK.	NAME NOT GIVEN.	NETHERTON 17-6-40		TOWLINE...	90	3	18-6	90	3
	32	OMITTED			9/C EMERGENCY									HAWSERS & WARPS	90	2 1/2	10-8	90	2 1/2
														"	90	5		90	5
														"					
	60	3 1/4		21-7				60	3 1/4					"					

Steering Gear, Type (Power or hand)

ELECTRIC STEERING GEAR BY THOMSON & CO. NEWCASTLE-ON-TYNE.

Alternative Means of Steering

TILLER WITH BLOCK AND TACKLE, ALSO RELIEVING TROUBLE SUPPLIED.

Steering Chains (Size and Test)

3/4 IN. 6-15. 7. 5/8 IN. 12-15. 2. 1/2 IN. 12-15. 3. 1/2 IN. 12-15. 4. 1/2 IN. 12-15. 5. 1/2 IN. 12-15. 6. 1/2 IN. 12-15.

Windlass

ELECTRIC HORIZONTAL WINDLASS BY EMERSON HAWES LTD GATESHEAD.

Boats

2-16'0" WOOD LIFEBOATS AND 1-12'0" DINGHY. UNDER DOWNS ON TACK DECK.

Ceiling in Holds, thickness and material

9'2 1/2" WHITE PINE OVER BULGES 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.)

40'4" x 19'0" MAID DECK.

No. 2

51'6" x 19'0" R.O. DECK.

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

7 TO NO. 1 HATCH. AND 9 TO NO. 2 HATCH.

Builder's Signature

See 3rd Report FOR THE COOLE SHIPBUILDING & REPAIRING CO. LTD.

L.F. Crapp.

Director

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel **No**

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **No**

The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built in accordance with the approved plans and specification and in conformity with the Rules for the class contemplated. The materials and workmanship are satisfactory. A firebrand has been assigned, the marks cut in on the vessel sides and verified. The double bottom tanks, peak, and oil fuel bunkers have been tested in accordance with Rule requirements and found satisfactory. Oil fuel carried in built in tank (No 5) under deck in motor room, flash point about 150°F. Deck, steering gear and windlass have been tested and found satisfactory.

The amount of Entry Fee

£ 4-0-0

FREEBOARD FEE. - - -

£ 8-0-0

Special Survey Fee. + ..

£ 109-2-6

25% FOR SPECIFICATION.

Travelling Expenses, if any £

9-15-0

Fees applied for,

1 JAN 1941

Received by me,

19

(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 to be sent to

HULL.

Date of issue

6/3/41.

Committee's Minute

TUE 25 FEB 1941

Character assigned

+ 100A.1

Cargo battens not fitted

Lloyd's ATCP

+ LMC 12.40

Oil Eng. Oil

The Surveyor's name is requested not to be written on or below the Committee's Minutes.

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. 'SEQUACITY' Hull F.E. Report No 48523.

PILLARS.

Centre
Stiffen

Platin

STRINGE
Uppern
String

Thick
in

Thick
in

Thick

If St

Raised
Secom
Strin

ST

FLAT PL

BOTTOM
of Str

BILGE P
Strak

SIDE P
Strak

UPPER
strak

UPPER
strak

STRAKE
strak

STRAKE
strak

POOP S

BRIDGE

FOREC

Total

MID

COI

AF

ST

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

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	ANCHOR NO.	WEIGHT C. B. L.	SURVEYOR	NO OF CERTIFICATE	DATE OF TEST.
1st Bower	39914	11-0-0	J. D.	2211	25-9-39 SWEDENLAND
2nd "	39913	11-0-0	J. D.	2203	19-9-39 "
3rd "					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 50 ft., R.Q.D. 119'8" ft., Bridge 20 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. 164908 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 202'8" FEET.

No. and Material of Decks 10" STEEL.

Parts of Bottom of Vessel coated with cement or approved composition DOUBLE BOTTOM AND BILGES CEMENT.

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'	69 ✓
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 AND 2 TANKS	136-27	194	Other tanks, if fitted, DIE FUEL BUNDLES IN MOTOR ROOM 40 TONS	✓	✓
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)	✓	✓

Order for Special Survey No 3209

Date 3. H. 40

Dates of Surveys
held while building

1939. 1941.
Dec 20. 29. Jan 29. Mar 13. 26. Apr. 3. 10. 16. May 18. 23. 27. 30. June 4. 7. 13. 17. 19. 24. 26. 28.
July 5. 8. 12. 19. 22. 26. 31. Aug. 2. 6. 9. 13. 15. 19. 20. 22. 26. 28. Sep. 2. 6. 13. 16. 18. 20. 24. 26. 30.
Oct. 3. 4. 10. 15. 18. 22. 25. 29. 30. Nov. 4. 6. 8. 11. 14. 18. 25. 27. 29. Dec. 4. 9. 13. 16. 18.

Total No. of Visits 69

Lloyd's Register
Foundation