

# STEEL STEAMER MOTORSHIP

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 **21<sup>st</sup> JUNE 1943.** Port of **HULL** No. **52050**

Survey held at **GOOLE.** Date First Survey **28<sup>th</sup> November 1941** Last Survey **17<sup>th</sup> JUNE 1943.** 1943

On the (State if Machinery fitted Aft and of Single, Twin or Triple Screw) **SINGLE SCREW MOORING VESSEL "MOORFLY"**

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

TONNAGE under Tonnage Deck **399.36** CLASS **100 A.1.** State if with freeboard as condition of Class **YES** 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 post on summer L.W.L. See Sec. 3 (1a) **135.0** Launched **14<sup>th</sup> JULY 1942** Yard No. **385**

Total **399.36** Breadth (greatest moulded) **B 30.0** Builders **GOOLE SHIPBUILDING & REPAIRING CO. LTD.**

Gross Tonnage **457.0** Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 14.5** Owners **THE ADMIRALTY.**

Register Tonnage **172.2** 1st Longitudinal Number (L x D) **1957.5** Managers **✓** (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. FEET Framing Depth "d," at middle of length. See Sec. 3 (1d) **12.79** Residence **LONDON.**

Length **139.55** Proportions—Depth to Length—Uppermost continuous deck to top of keel **9.21** Port of Registry **GOOLE.**

Breadth **30.15** Do. Long Bridge to top of keel **✓** If surveyed while building, afloat, or in dry dock **DURING CONSTRUCTION.**

Depth **11.05** Draught Moulded **11'-7"**

## 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.
<b>FRAMES, Spacing amidships.....</b>	<b>24</b>	<b>✓</b>	<b>Bracket Floors, Frame .....</b>		
"    "    from 1/2 length amidships to Collision bulkhead.....	<b>24</b>	<b>✓</b>	"    "    Reversed Frame.....		
"    "    in peaks .....	<b>24</b>	<b>✓</b>	"    "    Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, <b>2 x 1</b>	<b>6 3 32</b>	<b>✓</b>	"    "    top Angles .....		
" <b>1 1/2" BOILER ROOM AND BUNKERS</b>	<b>6 3 36</b>	<b>✓</b>	"    "    bottom Angles.....		
"    "    Extends up to.....	<b>DECK.</b>	<b>✓</b>	<b>Side Girders, No. each side and thickness.....</b>		
Reversed Frame Amidships, Angle .....	<b>3 3 32</b>	<b>✓</b>	Margin Plate depth (excl. of flange) and thickness .....		
"    "    Extends up to <b>ACROSS FLOORS.</b>			"    "    Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....		
Depth of Framing Girder.....	<b>6"</b>	<b>✓</b>	"    "    Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [ .....			"    "    Gussets, spacing and scantling abaft 1/4 len. from stem.....		
"    "    Second 'tween Decks, Angle, [ or [ .....			"    "    Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....		
"    "    Third .....			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
"    "    from 1/2 len. for'd. to 15% len. from Stem .....	<b>6 3 32</b>	<b>✓</b>	<b>INNER BOTTOM PLATING.</b>		
"    "    in Peaks, Angle or [ <b>FOR PEAK AFTER</b>	<b>6 3 36</b>	<b>✓</b>	Breadth and thickness of Middle Line Strake...		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	<b>3/4 - 5/4</b>	<b>✓</b>	Thickness of remainder in Holds .....		
State if Frame Joggled.....	<b>YES</b>		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? .....	<b>YES</b>		<b>BEAMS.</b>		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	<b>YES</b>		Uppermost Continuous Deck, amidships <b>Welds, Angle, <b>2 x 1</b></b>	<b>6 3 38</b>	
<b>SINGLE BOTTOM.</b>			"    "    in way of Bridge, Angle, [ or [ .....		
Floors, Depth and thickness at mid-line in Holds.....	<b>20 1/2 x 32</b>	<b>✓</b>	Spacing .....	<b>24</b>	
Height of Brackets at side above base line at toe of frame.....	<b>ENG. ROOM 36. BOILER ROOM 42</b>	<b>✓</b>	<b>Second Deck, amidships, Angle, [ or [ .....</b>		
Middle Line Keelson, on Floors, Angles, <b>DOUBLE</b>	<b>4 3 30</b>	<b>✓</b>	Spacing .....		
"    "    Through Plate or Inter-costal Plate .....	<b>34 - 44 BOILER ROOM.</b>	<b>✓</b>	<b>Third Deck, amidships, Angle, [ or [ .....</b>		
"    "    Foundation Plate on Floors .....	<b>12 x 34 EACH SIDE.</b>	<b>✓</b>	Spacing .....		
"    "    Flat Plate Keel Angles <b>DOUBLE.</b>	<b>3 1/2 3 1/2 36</b>	<b>✓</b>	<b>Fourth Deck, amidships, Angle, [ or [ .....</b>		
Side Keelsons, No. each side..... <b>ONE</b>			Spacing .....		
"    "    thickness of Inter-costal Plate.....	<b>30</b>	<b>✓</b>	<b>Poop Deck, Angle, [ or [ .....</b>		
"    "    Angles <b>DOUBLE.</b>	<b>4 3 30</b>	<b>✓</b>	Spacing .....		
<b>DOUBLE BOTTOM.</b>			<b>Bridge Deck, Angle, <b>2 x 1</b></b>		
Solid Floors, thickness and spacing .....			Spacing .....		
"    "    Are Frames and Reversed Frame joggled.....			<b>Forecastle Deck, Angle, <b>2 x 1</b></b>		
Bracket Floors, breadth and thickness at mid-line.....			Spacing .....		
"    "    breadth and thickness at mid-line.....					



# 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.
<b>PILLARS, No. of Rows</b> .....	✓		Stringer Plate, breadth and thickness in way of Bridge .....		
" in 'tween Decks, Size and Spacing .....	✓		Thickness of Plating abreast Deck openings in way of Wells .....		
" .....	✓		Thickness of Plating abreast Deck openings in way of Bridge.....		
<b>ENGINE ROOM.</b>			Thickness of Plating within line of openings...		
" in Wells .....			If Sheathed, material and thickness.....		
" " CROSS BUNKER AND CREWS SPACE	2 1/2 "		<b>Third Deck.</b>		
Centre Line Bulkhead.			Stringer Plate, breadth and thickness.....		
Stiffeners and Spacing .....			If Plated, state thickness .....		
Plating, thickness of .....			<b>Fourth Deck.</b>		
<b>STRINGERS AND DECKS.</b>			Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck.			If Plated, state thickness.....		
Stringer Plate, breadth and thickness in Wells	29' x .375 PLAIN PLATING.		<b>Poop Deck.</b>		
" " " " in way of Bridge	29' x .375 " "		Stringer Plate, breadth and thickness.....		
" Angle in Wells .....	3 1/2 3 1/2 .35 to .32		Plating, Sheathing, material and thickness .....		
Thickness of Plating abreast Deck openings in way of Wells .....	.375 CHEQUERED PLATING.		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge.....	.375 " "		Stringer Plate, breadth and thickness.....	15' x .30	
Thickness of Plating within line of openings...	.375 " "		Plating, Sheathing, material and thickness .....	.25 to .30 TIE PLATING 5' x 2' MONROE TIDE DECK.	
If Sheathed, material and thickness.....	THREE STEEL DECK.		<b>Forecastle Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	62' x 15' PLAIN PLATING.	
Stringer Plate, breadth and thickness in Wells	✓		Plating, Sheathing, material and thickness...	THREE STEEL DECK.	

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? No			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.	
Flat Plate Keel. A over	Inches. 38'	Inches. .54	Inches. .54	Inches. .54	/		Inches. 3/4"	Inches. 7 RIVETS PER F.R.	3 ROWS	Inches. 7/8"	Inches. 30'	STRAPS
" Dble. (if any) B	58'	.40	.40	.40	/	2 "	"	"	3 "	3/4"	25'	LAPS
Bottom Plating, No. of Strakes C	66'	.40	.40	.40	/	2 "	"	"	3 "	"	"	"
Bilge Plating, No. of Strakes D	61'	.40	.40	.40	/	1 "	"	"	3 "	"	"	"
Side Plating, No. of Strakes E	59'	.40	.40	.40	/	1 "	"	"	2 "	"	"	"
" " F	54'	.42	5/8"	.42	/	2 "	"	"	3 "	3/4"	30'	"
Upper Deck, Sheer-strake in Wells G	45'	.42	.42	.42	/	2 "	"	"	3 "	3/4"	25'	"
Upper Deck, Sheer-strake in Bridge		✓										
Strake below Sheer-strake in Wells		✓										
Strake below Sheer-strake in Bridge		✓										
Poop Side Plating		✓										
Bridge Side Plating		✓										
Forecastle Side Plating	47'	✓	.38	✓								

## WATERTIGHT BULKHEADS.

a) No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)

Deck next below

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM		FORGED SCRAP STEEL $6\frac{1}{2} \times 1\frac{3}{4}$	T.S. FORSTER	SUNDERLAND
STERN FRAME	Propeller Post	FORGED SCRAP STEEL $6\frac{1}{2} \times 3\frac{1}{2}$	"	"
	Rudder	" $6\frac{1}{2} \times 3\frac{1}{2}$	"	"
Speed of Vessel		✓		
RUDDER—Type		ORDINARY SINGLE POST RUDDER		
A x D		47-16 x 2-61-123		
Diam. of head	ROLLED STEEL 18 IN	$5\frac{3}{4}$	T.S. FORSTER & SONS	
Mainpiece at top pintle	"	"	SUNDERLAND	
heel	"	$4\frac{1}{4}$		
how constructed	ROLLED AND POST, ARMS FORGED SCRAP STEEL	AND SINGLE PLATE.		
double or single plate	ROLLED	90	✓	
coupling, vertical or horizontal		NONE FITTED.		

## STIFFENERS.

Plating Thickness.	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
11 on decks	7" 3" x 32" BA 6" 3" x 36" F 3" 2 1/2" x 30" F	24" 24" 30"	W.B. TRUNK FLAT.	
27	5" 3" x 40" BA 5" 3" x 36" F 5" 3" x 30" F	24" 31" 27"	W.T. FLAT.	
32	5" 3" x 40" BA 5" 3" x 30" F	24" 27 1/2" 31"	W.T. FLAT.	
58	5" 3" x 30" F 4" 3" x 30" F	24" 30"	W.T. FLAT.	
	7" 3" x 32" BA 5" 3" x 32" F	24"	W.B. TRUNK TOP	
	5" 3" x 30" F 4 1/2" 3" x 30" F	30"	W.T. FLAT.	

de Mark of the Steel used in the construction of the Vessel (state process of manufacture)

APPLEBY FRODINGHAM STEEL CO, CONSETT IRON CO.

by the Rules? *Yes.*







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 have been retained for dealing with water until at present under construction.  
Specs for reference on in London Office.  
This vessel is a water ship to "MOORCOCK" Hull F.E. report No 51919.

Rpt. 4.

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Rep. Book

Built at...

Engines m

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PARTICULARS OF ELECTRIC WELDING (if employed) ✓

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

100A1. FOR GOVERNMENT SERVICE

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7.2

	ANCHOR No	WEIGHT	SURVEYOR	No. of CERTIFICATE	DATE OF CERTIFICATE
Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 41888	6.8 6	G.G.Y.	4015 NEWCASTLE-ON-TYNE.	26-5-41.
	2nd „ 41889	7-1-9	J.D.	3596 SUNDERLAND.	17-3-41.
	3rd „	✓			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 18'10" 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 30'8" ✓ Over-all Length 159'2" From Fore End of Hoods to After End of After Belting. (Circ. 1703)

No. and Material of Decks 10 1/2 STEEL ✓

Parts of Bottom of Vessel coated with cement or approved composition BITUMASTIC ENAMEL FORE AND AFTER PEAKS, WATER BALLAST TANKS, E & B. SPACE, BUNKERS, HEAVY MINERAL FILTERED OIL IN RESERVE FEED TANKS.

Particulars of composition (if fitted) and of approval BITUMASTIC ENAMEL.

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,		
Double bottom, if under Engines only,			Deep tank, aft, WATER BALLAST TANK AFT.	6'0	11.2
Double bottom, if under Boilers only,			Deep tank, forward, FORWARD	14'0	60.0
Double bottom, forward,			Other tanks, if fitted, THIRD SHIPS	10'0	40.2
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3304

Date 24. 11. 41.

Dates of Surveys held while building

1941. Nov. 28. Dec. 5. 8. 11. 15. 18. 24. 30. 1942. Jan. 2. 8. 16. 21. 24. Feb. 4. 12. 17. 20. 25. Mar. 2. 5. 10. 16. 20. 23. 26. 30. Apr. 14. 21. 28. May 11. 15. 20. 22. 28. June 1. 5. 9. 11. 16. 22. 24. 29. July 2. 8. 10. 14. 17. 20. 23. Aug. 13. 19. Sept. 8. 15. 21. Oct. 14. 16. Nov. 2. 12. 16. 25. Dec. 3. 16. 1943. Jan. 1. 8. 19. 26. 29. Feb. 15. 18. 25. Mar. 2. 8. 15. 23. 30. Apr. 5. 8. 14. 19. 29. 30. May 3. 6. 10. 12. 13. 25. 28. June 9. 17. Total No. of Visits 90.