

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office

5 DEC 1941

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

22ND NOVEMBER 1941.

Port of

HULL.

No.

51414

Survey held at

GOOLE

Date First Survey

19TH NOV 1940

Last Survey

21ST NOVEMBER.

1941

On the

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

SINGLE SCREW. M/S. A/S TRAWLER "SHIANT"

State Type

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

FULL SCANTLING

State Type of Erections

FORECASTLE ONLY.

TONNAGE under
Tonnage Deck...

408.14

CLASS ~~100A~~ - TRAWLER
"FOR GOVERNMENT SERVICE"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 150.0'

Launched

9TH AUGUST 1941

Yard No. 363.

Total

408.14

Breadth (greatest moulded)

B 27.5'

Builders

GOOLE SHIPBUILDING & REPAIRING LTD

Gross Tonnage

452.20

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

D 15.0'

Owners

THE ADMIRALTY

Register Tonnage

143.98

1st Longitudinal Number (L x D)

=

Managers

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

REGISTERED DIMENSIONS.
FEET.

Length

153.85

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

=

Residence

LONDON.

Breadth

27.2

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

=

Port of Registry

Depth

14.0








Do. Long Bridge to top
of keel

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If surveyed while building, afloat, or in dry dock

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.
FRAMES, Spacing amidships	22'		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	22'		" " Reversed Frame		
" " in peaks.....	22'		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, 	5 3 40		" " top Angles		
" " Extends up to	UPPER DECK.		" " bottom Angles		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness		
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5'		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Second 'tween Decks, Angle, [or [" " 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 $\frac{1}{4}$ len. from Stem.....	5 3 46		INNER BOTTOM PLATING.		
" " FORE PEAK $\frac{1}{4}$ len. from Stem.....	5 3 34		Breadth and thickness of Middle Line Strake ...		
" " AFTER PEAK $\frac{1}{4}$ len. from Stem.....	5 3 30		Thickness of remainder in Holds		
" " in Peaks, Angle 	3/4 - 5 1/4		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?.....		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4 - 5 1/4		BEAMS.		
State if Frame Joggled	No		Uppermost Continuous Deck, amidships in Wells, Angle, 	5 3 40	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED		" " in way of Bridge, Angle, [or [.....	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED		Spacing	22'	
SINGLE BOTTOM.			LOWER FORWARD Second Deck, amidships, Angle, 	5 3 35	
Floors, Depth and thickness at mid-line in Holds	18' x 40' FLANGED 3/4" 44" BR. 42" R.		Spacing	22'	
Height of Brackets at side above base line at toe of frame	✓		LOWER AFT Third Deck, amidships, Angle, 	5 3 35	
Middle Line Keelson, on Floors, Angles, 	5 3 40 30		Spacing	22'	
" " " " Through Plate or Intercostal Plate...	42 - 38		Fourth Deck, amidships, Angle, [or [.....		
" " " " Foundation Plate on Floors	✓		Spacing		
" " " " Flat Plate Keel Angles DOUBLE.	3 3 44 40		Poop Deck, Angle, [or [.....		
Side Keelsons, No. each side	ONE		Spacing		
" " thickness of Intercostal Plate...	✓		Bridge Deck, Angle, [or [.....		
" " Angles	5 3 50		Spacing		
DOUBLE BOTTOM.			Forecastle Deck, Angle, 	5 3 32	
Solid Floors, thickness and spacing			Spacing	22'	
" " Are Frame and Reversed Frame joggled?					
Bracket Floors, breadth and thickness at middle line.....					
" " breadth and thickness at margin plate.....					

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.....	<i>ONE</i>		Stringer Plate, breadth and thickness in way of Bridge		
<i>FOR 40</i> in 'tween Decks, Size and Spacing.....	<i>2 3/4 DIA 44</i>		Thickness of Plating abreast Deck openings in way of Wells		
" " " " "	<i>✓</i>		Thickness of Plating abreast Deck openings in way of Bridge		
in Holds <i>CROSS BUNKERS</i>	<i>2 7/8 DIA 44</i>		Thickness of Plating within line of openings...		
" " " " "	<i>✓</i>		If Sheathed, material and thickness		
Centre Line Bulkhead, FRAMES 14 TO 19			Third Deck.		
Stiffeners and Spacing.....	<i>6 3 1/2 .34</i> <i>22' SPAC.</i>		Stringer Plate, breadth and thickness.....		
Plating, thickness of	<i>.26</i>		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	<i>68 1/2 x .32</i>		If Plated, state thickness		
" " " " in way of Bridge	<i>✓</i>		Poop Deck.		
" Angle in Wells	<i>3 3 .38</i>		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	<i>.32</i>		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	<i>✓</i>		Bridge Deck.		
Thickness of Plating within line of openings...	<i>.28</i>		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	<i>2' BLUE ALUM. ASBESTOS FITTED UNDER UPPER DECK IN LIEU OF WOOD SHEATHING OVER.</i>		Plating, Sheathing, material and thickness ...		
LOWER Second Deck, PLATED AT HURDAMPS			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	<i>.26</i>		Stringer Plate, breadth and thickness.....	<i>.26</i>	
			Plating, Sheathing, material and thickness ...	<i>.26</i> <i>.40</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Yes.</i>			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>39½</i>	<i>.46</i>	<i>.42</i>	<i>.42</i>		<i>DOUBLE</i>	<i>¾</i>	<i>6 RIVETS EACH R.</i>	<i>2 ROWS</i>	<i>¾</i>	<i>2 5/8</i>	<i>STRAPS</i>	
„ BILGE (if any) <i>66</i>	<i>66</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		„	„	„	„	„	„	<i>LAPS</i>	
BOTTOM PLATING, No. of Strakes <i>66</i>	<i>66</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		„	„	„	„	„	„	„	
BILGE PLATING, No. of Strakes <i>66</i>	<i>66</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		„	„	„	„	„	„	„	
SIDE PLATING, No. of Strakes <i>67</i>	<i>67</i>	<i>.40</i>	<i>.40</i>	<i>.36</i>		„	„	„	„	„	„	„	
UPPER DECK, Sheer-strake in Wells <i>59</i>	<i>59</i>	<i>.50</i>	<i>.43</i>	<i>.42</i>		„	„	„	„	„	„	„	
UPPER DECK, Sheer-strake in Bridge ... <i>✓</i>	<i>✓</i>												
STRAKE BELOW Sheer-strake in Wells..... <i>✓</i>	<i>✓</i>												
STRAKE BELOW Sheer-strake in Bridge ... <i>✓</i>	<i>✓</i>												
POOP SIDE PLATING <i>✓</i>	<i>✓</i>												
BRIDGE SIDE PLATING ... <i>✓</i>	<i>✓</i>												
FORECASTLE SIDE PLATING <i>75</i>	<i>75</i>	<i>.28</i>	<i>.50</i>	<i>✓</i>									
	<i>N. 1 PLATE</i>			<i>✓</i>									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	<i>7</i>
" Deck next below	<i>3</i>
As per Rule	<i>4</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
BULKHEAD FRAME <i>N. 19</i>	<i>.40-.30</i>	<i>6 x 3 x .44</i>	<i>30'</i>	<i>✓</i>	<i>✓</i>
MIDSHIP BULKH'D, Upper 'tween decks	<i>.30</i>	<i>40-.30</i>	<i>3 1/2 x .38</i>	<i>30'</i>	<i>✓</i>
" Second " <i>.52</i>	<i>.42-.26</i>	<i>6 x 3 x .42</i>	<i>27'</i>	<i>✓</i>	<i>✓</i>
" Third " <i>.64</i>	<i>.40-.26</i>	<i>6 x 3 x .40</i>	<i>24'</i>	<i>✓</i>	<i>✓</i>
" Holds	<i>.77</i>	<i>40-.26</i>	<i>5 x 3 x .30</i>	<i>30'</i>	<i>✓</i>
COLLISION (in Hold) <i>.5</i>	<i>.40-.26</i>	<i>6 x 3 x .32</i>	<i>24'</i>	<i>✓</i>	<i>✓</i>
AFTER PEAK " <i>.72</i>	<i>.40-.26</i>	<i>5 x 3 x .40</i>	<i>27'</i> <i>30'</i>	<i>✓</i>	<i>✓</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	<i>FLAT PLATE KEEL</i>			
STEM	<i>ROLLED 7 1/2" ASKLEY FRONINGHAM STEEL</i>			
STERN FRAME { Propeller Post	<i>CAST STEEL</i>	<i>AS APPROVED INDICATION & LEADS. PAID OF 7/8 PLATES.</i>		
{ Rudder "	<i>BOSS. OF WELDED CONSTRUCTION.</i>	<i>BY GOOLE S. B. C. GOOLE.</i>		
Speed of Vessel	<i>✓</i>			
RUDDER—Type	<i>SPADE RUDDER</i>			
" A x D	<i>✓</i>			
" Diam. of head	<i>CAST STEEL</i>	<i>7" AND 1 1/2"</i>	<i>SEARRETS & LLOYD'S</i>	
" Mainpiece at top pintle	<i>"</i>	<i>9 1/2" 1 1/2"</i>	<i>CORTLANDGE.</i>	
" " heel ...	<i>"</i>	<i>6" 1/2"</i>		
" how constructed	<i>CAST STEEL FRAME WITH SIDE PLATES.</i>			
" double or single plate	<i>✓</i>	<i>.32</i>	<i>✓</i>	
" coupling, vertical or horizontal	<i>✓</i>			

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 FRONINGHAM STEEL CO., CORSETT IRON CO., DORMAN LONG CO., LARGO FLEET IRON CO., COLVILLE LTD.</i>
	Has the Steel been tested as required by the Rules? <i>Yes. ✓</i>

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
26845	1st Bower	14	1	7	NONE			15	19	0	7
26846	2nd "	14	2	0	NONE			16	1	1	0
	3rd "										
	Collective weight.	28	3	7					28		
	Stream	SUPPLIED BY ADMIRALTY.									
								2 1/2			NO CERTIFICATE AVAILABLE.

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.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
64225	120	1 1/8	22 1/2	34 1/8	78-3-17	87 3/4			135	1 1/8	STUD LINK.	R. SYKES & SON	ROTHLEY HEATH. 11-11-41	STEEL WIRE	120	2 1/2	STEEL WIRE.		
64226	15	"	"	"	10-0-5						"	"	"	COIR	120	4	COIR		
					88-3-22									MANILLA	150	6	MANILLA.		
														1 COIL FORMED OF 30 FT. OF MANILLA WITH 35 FT. OF STEEL WIRE.					
														ROPE AT EACH END.					
														ROPE SUPPLIED BY ADMIRALTY.					
Iron Steam Chain and Steel Wire	100	2			SUPPLIED BY ADMIRALTY				100	2	STEEL WIRE.								

Steering Gear, Type (Power or hand) STEER BY DONKIN & CO. NEWCASTLE. Alternative Means of Steering Hand GEAR

Steering Chains (Size and Test) NONE Windlass STEER BY TYNE METAL CO. LTD Boats 2-

Ceiling in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) ✓ Thickness of Hatches ✓

Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature FOR THE GOOLE SHIPBUILDING & REPAIRING CO. LTD.

S. F. Briggs

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.

The materials and workmanship are good.

The fore and after peaks, and chain locker and trimming tank, fuel water tank, room feed tank have been tested in accordance with Rule requirements and found satisfactory. Bottom flooded in way of W.T. trunk space, magazine and spirit room, coal bunkers, engine and boiler spaces, and engine room and found satisfactory. Shell plating has been tested and found in order.

Decks, casing, and deckhouse, windlass, steering gear and arrangements have been tested and found satisfactory.

The amount of Entry Fee £ 140-0-0 Fees applied for, 1. 12. 1941

FEE FOR CLASSIFICATION AND SUPERVISION OF ADMIRALTY INSPECTION Special Survey Fee.... £ 6-14-4. Received by me, 19

Travelling Expenses, if any £ 6-14-4.

I am of opinion the Vessel should be Classed 100A-

Signature W. B. England Surveyor to Lloyd's Register of Shipping.

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

Certificate to be sent to HULL. Date of issue 5/1/42.

Committee's Minute TUE 9 DEC 1941

Character assigned + 100A-

Steam Trawler

In Government Service

Os.

11. 4. 1942

22. 09. 1942

2020

Lloyd's Register Foundation

0184 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.)

The approved plans are retained for dealing with sister vessels at present under construction.
Copies for reference are in London office. This vessel is a sister ship to the "BURRA" Hull
F.E. Report No 51300.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded to ship's sides. The propeller post formed of cast steel bar and plates $\frac{7}{8}$ thick of welded construction (as approved)

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

~~100A~~ 100A— "STEAM TRAWLER"
"FOR GOVERNMENT SERVICE"

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		ANCHOR NO.	WEIGHT	SURVEYOR	CERT. NO.	DATE.
			C. A. L.			
1st Bower		26845	7-2-6	J.T.	3884 NEWCASTLE	28-3-41.
2nd "		26846	7-2-6	J.T.	3888 "	31-3-41.
3rd "		✓				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 26-8 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 ☒ 163-11

No. and Material of Decks ☒ 1st STEEL.

Parts of Bottom of Vessel coated with cement or approved composition ☒ CROSS AND SIDE RUNNERS AND F.W. TANK.

Particulars of composition (if fitted) and of approval ☒ BITUMASTIC ENAMEL IN BUNKERS, BITUMASTIC IN F.W. TANK.

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,		
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. 3233

Date

Dates of Surveys held while building

1940 Nov 19 Dec 16 20 1941 Jan 17 Feb 5 13 24 Mar 6 10 18 21 28 Apr 2 4 8 17 21 24 29 May 2 12 15
23 Jun 5 10 18 23 26 30 Jul 7 10 16 21 24 30 Aug 5 8 15 21 22 28 Sep 4 12 16 19 23 30 Oct 3 8 15 17 20
24 28 30 Nov 3 7 11 14 18 20 21

Total No. of Visits

62