

RECEIVED

- 4 DEC 1943

IN D.O.

## STEEL STEAMER OR TRAWLER MOTORSHIP.

Received at London Office 2 DEC 1943

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel YESDate of completion of report 29th November 1943 Port of HULLNo. 52237Survey held at Dock Q 13 Berley Date First Survey 14th June 1943 Last Survey 18th November 1943On the (Machinery fitted Aft or Fore) Single Steam A/S M/S "KITTERN"State Type (Full Scantling Complete Superstructure with or without Tonnage Openings) Full ScantlingState Type of Erections ForecastleTONNAGE under Tonnage Deck ... 408.14Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total 408.14Gross Tonnage 452.20Net Tonnage 143.98

## REGISTERED DIMENSIONS.

FEET

153.8527.2014.00CLASS 100A STEAM TRAWLER State if with freeboard condition of Class No"FOR GOVERNMENT SERVICE" Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 150'-0"Breadth (greatest moulded) 27'-6"Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 15'-0"1st Longitudinal Number (L x D) ✓2nd Numeral L x (B + D) ✓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 ✓Built at 13 BerleyLaunched 27th August 1943 Yard No. 720 To B No J 2719Builders Cocke, Wotton & Greenall LtdOwners The AdmiraltyManagers ✓ (Where necessary to be entered in Reg. Book)Residence LondonPort of Registry ✓

If surveyed while building, afloat, or in dry dock

1 Building @ 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 1/2 length amidships to Collision bulkhead.....	22 ✓		"    "    Reversed Frame.....	—	—
"    "    in peaks .....	22 ✓		"    "    Vertical Struts .....	—	—
FRAMING. ✓			Centre Girder, depth and thickness amidships	—	—
Frame Amidships, Angle, <u>5 3 40</u>	5 3 40 ✓		"    "    top Angles .....	—	—
"    "    Extends up to.....	UPPER DECK ✓		"    "    bottom Angles.....	—	—
Reversed Frame Amidships, Angle .....	3 3 38 ✓		Side Girders, No. each side and thickness.....	—	—
"    "    Extends up to.....	ACROSS FLOORS ✓		Margin Plate depth (excl. of flange) and thickness .....	—	—
Depth of Framing Girder.....	5 ✓		"    "    Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	—	—
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	—	—	"    "    Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....	—	—
"    "    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 1/2 len. from Stem.....	5 3 46 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	—	—
"    "    FORE PEAK.....	5 3 34 ✓		INNER BOTTOM PLATING.		
"    "    in Peaks, Angle <u>5 3 30</u>	5 3 30 ✓		Breadth and thickness of Middle Line Strake.....	—	—
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	3/4 - 5/4 ✓		Thickness of remainder in Holds .....	—	—
State if Frame Joggled.....	No ✓		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? .....	AS ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	APPROVED ✓		Uppermost Continuous Deck, amidships <u>5 3 40</u>	5 3 40 ✓	
DOUBLE BOTTOM.			"    "    Wells, Angle, <u>5 3 40</u>	—	—
Floors, Depth and thickness at mid-line in Holds.....	18 x 40 ✓		"    "    in way of Bridge, Angle, <u>5 3 40</u>	—	—
Height of Brackets at side above base line at toe of frame.....	NONE ✓		"    "    Spacing .....	22 ✓	
Middle Line Keelson, on Floors, Angles, <u>5 3 40 30</u>	5 3 40 30 ✓		LOWER FORWARD Second Deck, amidships, Angle, <u>5 3 35</u>	5 3 35 ✓	
"    "    Through Plate or Inter-costal Plate .....	142 - 38 ✓		"    "    Spacing .....	22 ✓	
"    "    Foundation Plate on Floors .....	—	—	LOWER AFT Third Deck, amidships, Angle, <u>5 3 35</u>	5 3 35 ✓	
"    "    Flat Plate Keel Angles <u>3 x 3 x 44 140</u>	3 x 3 x 44 140 ✓		"    "    Spacing.....	22 ✓	
Keelsons, No. each side.....	ONE ✓		Fourth Deck, amidships, Angle, [ or ] .....	—	—
"    "    thickness of Inter-costal Plate.....	—	—	"    "    Spacing.....	—	—
"    "    Angles <u>5 3 50</u>	5 3 50 ✓		Poop Deck, Angle, [ or ] .....	—	—
DOUBLE BOTTOM.			"    "    Spacing.....	—	—
Solid Floors, thickness and spacing .....	—	—	Bridge Deck, Angle, [ or ] .....	—	—
"    "    Are Frame and Reversed Frame joggled? .....	—	—	"    "    Spacing.....	—	—
Bracket Floors, breadth and thickness at middle line .....	—	—	Forecastle Deck, Angle, <u>5 3 32</u>	5 3 32 ✓	
"    "    breadth and thickness at margin plate.....	—	—	"    "    Spacing.....	22 ✓	

(MADE IN ENGLAND.)

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			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> <u>ONE</u>									
"	in 'tween Decks, Size and Spacing	<u>2 3/4</u>	<u>44</u>	<u>✓</u>					
"	" " " " "			<u>✓</u>					
<b>CROSS BUNKER</b> <u>DIAM</u>									
"	in <u>HOLD</u> " " "	<u>2 7/8</u>	<u>44</u>	<u>✓</u>					
"	" " " " "								
<b>Centre Line Bulkhead.</b> <u>Frs 30-39</u>									
<b>Stiffeners and Spacing</b> <u>6 x 3 x 3 1/2 - 22</u>									
<b>Plating, thickness of</b> <u>.26</u>									
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
<b>Stringer Plate, breadth and thickness in Wells</b> <u>68 x 32</u>									
"	" " " " in way of Bridge	<u>—</u>	<u>—</u>	<u>—</u>					
"	Angle in Wells	<u>3</u>	<u>3</u>	<u>.38</u>					
<b>Thickness of Plating abreast Deck openings in way of Wells</b> <u>.32</u>									
<b>Thickness of Plating abreast Deck openings in way of Bridge</b> <u>—</u>									
<b>Thickness of Plating within line of openings</b> <u>.28</u>									
<b>If Sheathed, material and thickness</b> <u>Frs 13-33</u> <u>DOUGLAS FR</u>									
<b>Lower Second Deck. PLATED AFWARD SHIPS</b>									
<b>Stringer Plate, breadth and thickness in Wells</b> <u>.26</u>									
<b>Stringer Plate, breadth and thickness in way of Bridge</b> <u>.26</u>									
<b>Thickness of Plating abreast Deck openings in way of Wells</b> <u>.26</u>									
<b>Thickness of Plating abreast Deck openings in way of Bridge</b> <u>.26</u>									
<b>Thickness of Plating within line of openings</b> <u>.26</u>									
<b>If Sheathed, material and thickness</b> <u>—</u>									
<b>Third Deck.</b>									
<b>Stringer Plate, breadth and thickness</b> <u>—</u>									
<b>If Plated, state thickness</b> <u>—</u>									
<b>Fourth Deck.</b>									
<b>Stringer Plate, breadth and thickness</b> <u>—</u>									
<b>If Plated, state thickness</b> <u>—</u>									
<b>Poop Deck.</b>									
<b>Stringer Plate, breadth and thickness</b> <u>—</u>									
<b>Plating, Sheathing, material and thickness</b> <u>—</u>									
<b>Bridge Deck.</b>									
<b>Stringer Plate, breadth and thickness</b> <u>—</u>									
<b>Plating, Sheathing, material and thickness</b> <u>—</u>									
<b>Forecastle Deck.</b>									
<b>Stringer Plate, breadth and thickness</b> <u>.26</u>									
<b>Plating, Sheathing, material and thickness</b> <u>.26</u>									

SCANTINGS.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES. State if jogged? <b>YES</b>		RIVETING.				
STRAKES.	AS IN VESSEL.					SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAIPPED OR LAPPED.
	AMIDSHIPS.		FORWARD.	AFT.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Breadth.	Thickness.	Thickness.	Thickness.								
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	39 1/2	46	42	42		DOUBLE	3/4	6 PERS. SPACE	TWO	3/4	2 7/8	STRAPPED
„ <del>Dbg.</del> (if any)	—	—	—	—		—	—	—	—	—	—	—
Bottom Plating, No. of Strakes ..2.....	66	40	40	40		DOUBLE	3/4	6 PERS. SPACE	TWO	3/4	2 7/8	LAPPED
Bilge Plating, No. of Strakes ..1.....	66	40	40	40		"	"	"	"	"	"	"
Side Plating, No. of Strakes ..1.....	66	40	40	36		"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells.....	58	50	43	42		"	"	"	"	"	"	STRAPPED
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	75	28	No. 1	PLATE .50								

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

Extending to Upper Deck (Sec. 3 c)	7
„ Deck next below	3
As per Rule	44

	Casting or Forging.	Scantlings.	Maker's Name.	Any Depart from Approved Plans to be Noted.
KEEL, Bar .....		FLAT PLATE KEEL		
STEM .....	FLAT BAR ROLLED	8"x2"		
STERN FRAME	{ Propeller Post ..... CAST AS { Rudder " ..... STEEL APPROVED		STEWART LLOYD'S	
Speed of Vessel .....		12 TO 13 KNOTS		
RUDDER—Type .....		SPADE TYPE		
" A X D.....		✓		
" Diam. of head .....	CAST	7"x12"		
" Mainpiece at top pintle	STEEL	9"x12"		
" " heel .....		6"x6"		
" how constructed .....	CAST STEEL FRAME WITH SIDE PLATES			
" double or single plate		132		
" coupling, vertical or horizontal		NONE		

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULK'H'D,		<i>F<sub>2</sub> 19'</i>	" . 30	6 x 3 x .449	30"		
		<i>" 30'</i>	" "	3 x 3 x .38	30"		
		<i>" 30'</i>	" "	3 1/2 x 3 x .38	30"		
"	"	<i>Second " 52'</i>	" . 26	6 x 3 x .442	27"		
"	"	<i>Third " 64'</i>	" "	6 x 3 x .440	30" & 24"		
"	"	<i>Holds " 77'</i>	" "	3 x 3 x .35	30"		
"	"	<i>" 77'</i>	" "	5 x 3 x .30	30" & 36"		
COLLISION		<i>(in Hold) 5'</i>	" "	6 x 3 x .32	24"		
AFTER PEAK		<i>" 72'</i>	" "	5 x 3 x .40	27"		
"	"	<i>" 72'</i>	" "	3 x 3 x .35	27" & 30"		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH  
PLATES:- DORMAN, LONG & Co and APPLEBY-FRODINGHAM,  
SECTIONS:- -" - , CONSETT & Co and SKINNING GROVE, L.T.S. Co Ltd  
 Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. ✓										LETTER ✓		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.				
44636	1st Bower	14	0	25	Stockless	15	16	3	14	14	3 YEAR 1 APPROVED C.S. HEAD	✓	29/10/43 R.T. VOGAN
44635	2nd "	14	0	15		15	16	3	14	14	"	✓	" " "
	3rd "												
	Collective weight	28	1	12						28			
2366A	KEOGS	2	1	25	-	2	0	5	0	0	AMIRALTY PLAN 13 BROWN LENSAR		28/10/43 R. BUTLER

CHAIN CABLES.

HAWERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 52.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test per Table 53.	Length and Size supplied.		
	Length.	Diam.	Stain- less.	Break- ing.	Tons.	Tons.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	Length.
2466	150	1 1/8	22 3/4	34 1/2	100	2	11		135	1 1/8	STUD	N. Hingley & Son J. A. Kelly Netherton 11.11.43		TOWLINE	30	6	MANILLA FITTED			
2475	30	1	"	"	20	2	4				see letter 2.12.43		HAWSERS & WARPS	150	2 1/2	ADMIRALTY PATTERN				
														"	120	2 1/2	MANILLA ROPE			
														"	120	1 1/2	ALL SUPPLIED			
														"	120	4	ADMIRALTY			

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 52.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test per Table 53.	Length and Size supplied.		
	Length.	Diam.	Stain- less.	Break- ing.	Tons.	Tons.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	Length.
2466	150	1 1/8	22 3/4	34 1/2	100	2	11		135	1 1/8	STUD	N. Hingley & Son J. A. Kelly Netherton 11.11.43		TOWLINE	30	6	MANILLA FITTED			
2475	30	1	"	"	20	2	4				see letter 2.12.43		HAWSERS & WARPS	150	2 1/2	ADMIRALTY PATTERN				
														"	120	2 1/2	MANILLA ROPE			
														"	120	1 1/2	ALL SUPPLIED			
														"	120	4	ADMIRALTY			

STEAM  
Steering Gear, Type (Power or hand) DONKIN'S /

Alternative Means of Steering HAND WHEEL /

Steering Chains (Size and Test) NONE / Windlass TYNE METAL CO. Boats 2-16-0 DINGHY'S

Ceiling in Holds, thickness and material NONE / Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) NONE / 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 AD CAMPBELL  
COOK, WELTON & GEMMELL, LTD.  
General Manager 15-11-43

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 specifications: The materials & workmanship are of good quality. Fore & Afterspeak tanks, chain locker, trimming tank, F.W. & Reserve fuel tanks tested in accordance with the Rules.  
Bottom flooded fore & aft and shell plating and bulkheads water tested by a hose.  
The decks, ceilings, deckhouses, windlass, skylights, escape hatches, W.T. doors and steering arrangements tested.  
All found satisfactory.

The amount of Entry Fee..... £ : 30

Special Survey Fee..... £ 69 : 0 : 0

SUPERVISION OF SPECIFICATION, £ 71 : 0 : 0

Travelling Expenses, if any ..... £ : : 19

State whether the Vessel has been built under Special Survey YES

Certificate to be sent to HULL Date of issue 16/12/43

Committee's Minute TUES. 7 DEC 1943

Character assigned + 100A -  
Steam Trawler  
For Government Service

Write Hull

Admiralty  
A/c rendered from  
London 9.12.43

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

"FOR GOVERNMENT SERVICE"

Signature L. E. Palmer  
Surveyor to Lloyd's Register of Shipping.

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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 being retained for reference in dealing with sister vessels under construction; copies of the are in the Wokingham Office.

This vessel is a sister vessel to the same builder's yard No 719. "GULLAND" (Hull 12pt do)

An Echo sounding device has been fitted. Forging reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at sides of vessel and at ends.  
Approved electrodes employed on this work.

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

✠ 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.

1st Bower 9-1-27 : A.E.G. 8496 : 3/5/43.  
2nd " 9-2-0 : " 8522 : 10/5/43  
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 164.5  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks. 1 Deck (5th)

Parts of Bottom of Vessel coated with cement or approved composition. ✓

Particulars of composition (if fitted) and of approval. Bitumast Solution in F.W. Tanks.

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. 3363.

Date 8.12.42

Dates of Surveys held while building

1943 June 14. 22. July 6. 21. Aug 4. 16. 17. 19. 20. 21. Oct 19. Nov 1. 4. 6. 8. 9. 11. 12.  
15. 17. 18.

Total No. of Visits 20.

For S.S.O.F. see "Gulland" (Hull 52212)



Lloyd's Register Foundation