

IN D.O. 88

TRAWLER. MOTORSHIP

7- SEP 1944

1059,
Received at London Office

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

On the Steel Single Screw A/S Trawler "GUARDSMAN"

State Type (Full Scantling, Complete Superstructure with or without Dorman-McNimens) FULL SCANTLING State Type of Erections Whaleback

TONNAGE under } 498.62
Tonnage Deck ... }

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

tal 498.62

Gross Tonnage 581.39

Register Tonnage 180.44

REGISTERED DIMENSIONS.
FEET

length 178.15

Depth 30.05

pth 15.20

CLASS **100A.1. TRAWLER** State if with freeboard } No
as condition of Class }

Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) } L 175-0

Breadth (greatest moulded) _____ B 30-0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 16'-0"

1st Longitudinal Number (L \times D).....= 2800

2nd Numeral $L \times (B + D)$ = 8050

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 BEVERLEY

Launched 7th JUNE 1944 Yard No. 732
Job No. J.2743

Builders COOK, WELTON & GEMMELL LTD

Owners THE ADMIRALTY

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

Residence LONDON.

Port of Registry.....✓.....

If surveyed while building, afloat, or in dry dock

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	21 ✓		Bracket Floors, Frame	— — —
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	17 ✓		" " Reversed Frame.....	— — —
" " in peaks.....	17 ✓		" " Vertical Struts	— — —
SIDE FRAMING.			Centre Girder, depth and thickness amidships	— — —
Frame Amidships, Angle, E or F	5 3 38 ✓		" " top Angles	— — —
" " Extends up to.....	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 1/2 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	— — —
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	— — —		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	— — —
" " Second 'tween Decks, Angle, E or F	— — —		" " 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	— — —
" " in Peaks, Angle or E or F	5 3 38 ✓		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5 1/2 ✓		Breadth and thickness of Middle Line Strake...	— — —
State if Frame Joggled.....	NO ✓		Thickness of remainder in Holds	— — —
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.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6 3 38 ✓
Floors, Depth and thickness at mid-line in Holds.....	19 x 140 ✓		" " in way of Bridge, Angle, E or F	— — —
Height of Brackets at side above base line at toe of frame.....	NONE ✓		Spacing	EVERY FRAME ✓
Middle Line Keelson, on Floors, Angle, E or F	15 x 14 x 36 17 LBS ✓		R.Q.	
" " Through Plate or Inter-costal Plate	— — —		Second Deck, amidships, Angle, E or F	6 3 38 ✓
" " Foundation Plate on Floors	— — —		ON FRAMES 51-2-3-4 ✓	7 3 140 84 ✓
" " Flat Plate Keel Angles	— — —		Spacing	EVERY FRAME ✓
Side Keelsons, No. each side.....	ONE ✓		LOWER FORWARD	
" " thickness of Intercoastal Plate...	5 14 50 ✓		Third Deck, amidships, Angle, E or F	5 x 3 x 36 78 269-98 ✓
" " Angles	5 14 50 ✓		Spacing	5 x 3 x 36 78 269-98 ✓
DOUBLE BOTTOM.			EVERY FRAME EXCEPT 89-98 ALTERNATE FRAME	
Solid Floors, thickness and spacing	— — —		LOWER AFT	
" " Are Frame and Reversed Frame joggled?	— — —		Fourth Deck, amidships, Angle, E or F	5 3 30 ✓
Bracket Floors, breadth and thickness at middle line	— — —		Spacing	EVERY FRAME ✓
" " breadth and thickness at margin plate	— — —		Poop Deck, Angle, E or F	— — —
			Spacing	— — —
			Bridge Deck, Angle, E or F	— — —
			Spacing	— — —
			WHALEBACK	
			Forecastle Deck, Angle, E or F	5 3 140 ✓
			Spacing	30" ✓

(MADE IN ENGLAND.)

004245-004754-0055

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	TWO ✓		Stringer Plate, breadth and thickness in way of Bridge GALLONS38 ✓	
" "					

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.				
	AMIDSHIPS.		FORWARD.	AFT.	SINGLE OR DOUBLE.	RIVETS.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		Diam.	Spacing cr. to cr.	No. OF ROWS OF RIVETS.	STRAPPED OR LAPPED.
GARBOARD	Inches.	Inches.	Inches.	Inches.	State if jogged? YES	Inches.	Inches.		
Flat Plate Keel	36	.52	.46	.46	DOUBLE	3/4	3	3 Rows For 1/2 L To 2 Rows	3/4 2 7/8 STRAPPED
" Dble. (if any)	A 60	.44	.40	.40	"	"	"	2 Rows	" " LAPPED
Bottom Plating, No. of Strakes	B 56	.44	.40	.40	"	"	"	"	" " "
Bilge Plating, No. of Strakes	C 56	.44	.40	.40	"	"	"	"	" " "
Side Plating, No. of Strakes	D 63	.44	.40	.40	"	"	"	3 Rows For 1/2 L To 2 Rows	" " "
Upper Deck, Sheer-strake in Wells	E 57	.44	.40	.40	"	"	"	"	" " "
Upper Deck, Sheer-strake in Bridge	F 48	.625	.50	.50	"	7/8	3 1/2	"	7/8 3/8 STRAPPED
Strake below Sheer-strake in Wells									
Strake below Sheer-strake in Bridge									
Poop Side Plating									
Bridge Side Plating									
WHALEBACK Forecastle Side Plating			.30						

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	8
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	4
As per Rule	3

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT BAR	ROLLED	8 x 2	
STEM	"	"	8 x 2	
STERN FRAME	Propeller Post	FORGING	8 x 4	
	Rudder	"	7 x 4 1/2	
Speed of Vessel			12 - 14 KNOTS	
RUDDER—Type	30W	FORGED		
" A x D			175 x 40	
" Diam. of head			7 1/2" DIAM	
" Mainpiece at top pintle			7 3/4" "	
" " heel			5 3/4" "	
" how constructed			3 ARMS SHAUNK & KEED	
" double or single plate coupling, vertical or horizontal			3 1/4" HORIZONTAL	

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween Deck	FR 55 .30	7 x 3 x 3/4 BA	30"	6 x 3 x 3/4 BA	24"	TO LOWER DK			
" " Second	" 60 .30	6 x 3 x 3/4 BA	22 1/2"	4 x 3 x 3/4 BA	24"	TO LOWER DK			
" " Third	" 68 .30	"	22 1/2 - 30"	"	"	"			
" " Hold	" 83 .30	6 x 3 x 3/4 BA	24"	"	"	"			
COLLISION	(in Hold)	100 .30	4 x 3 x 3/4 BA	24"	5 x 3 x 3/4 BA	24"	KEEL TO W.T. FLAT		
AFTER PEAK	"	18 .26	3 1/2 x 2 1/2	30"	3 x 3 x 3/4 BA	24"	W.T. FLAT TO MAIN DK		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **OPEN HEARTH**

PLATES:— **APPLEBY-FRODINGHAM S.C. & CO. DORMAN LONG & CO.**

SECTIONS:— " " " "

Has the Steel been tested as required by the Rules? **YES**

EQUIPMENT No. ✓				LETTER ✓ Rule 2				ANCHORS. ✓			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
43339	1st Bower	13	1	7	STOCKLESS			15	1	2	19/3/43 SUNDLAND R.T. VOGAN
43550	2nd "	12	3	27	"			14	15	0	21/4/43 " "
	3rd "										
	Collective weight	26	1	6							
2252A	Keoge Stream	14	0	14	✓	3	8	6	10	0	4/8/43 CARDIFF A. 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 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.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Tons.	Fathoms.		Ins.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
2369	180	15/16	31	46 1/2	162-3-22			✓	✓	195	15/16	STUD	N. HINGLEY & SONS 11/11/43.	JARELL	TOWLINE	30	6	MANILLA FITTED WITH 3" SWR. EACH END		
2473	15	"	"	"	13-2-25			✓	✓			"	"	"	HAWERS & WARPS	150	2 1/2	ADMIRALTY PATTERN		
									150	2 1/2					"	120	2 1/2	MOORING ROPE		
															"	120	1 1/2	ALL SUPPLIED BY ADMIRALTY		
															"	120	4	COIR.		
Iron Steam Chain or Steel Wire	150	2 1/2	Supplied by Admiralty										✓							

Steering Gear, Type (Power ^{STEAM} for hand) HYDRAULIC BY DONKIN & CO ✓ Alternative Means of Steering HAND ✓

Steering Chains (Size and Test) NONE ✓ Windlass STEAM (GEMMELL & FROW) Boats 2-16-0 DINGHYS ✓

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 COOK, WELTON & GEMMELL, LTD.
Ad Campbell
General Manager 26/8/44

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 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.

The requirements of the specification have been carried out. The workmanship and materials are of good quality. The after peak and side tanks aft, fresh water and reserve fuel tanks tested in accordance with the Rules.

Bottom flooded from frames 100 to 81, 79 to 68 and 55 to 8 frames and all outside and bulkhead plating clear of tanks water tested by a hose. The decks, casing, skylights, escape hatches, W.T. door windlass and steering gear arrangements tested. All found satisfactory.

The amount of Entry Fee..... £ : : 6 SEP 1944 ADMIRALTY (Special notations, where part of class, to be stated.)
Special Survey Fee..... £ 91 : 0 : 0 A/c rendered from London 20 OCT 1944
SUPERVISION OF SPECIFICATION 207 : 0 : 0 Received by me, 19
Travelling Expenses, if any..... £ : : :
I am of opinion the Vessel should be Classed 100A1 TRAWLER
FOR GOVERNMENT SERVICE

State whether the Vessel has been built under Special Survey YES Signature F. I. Palmer
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to HULL Date of issue 19/9/44

Committee's Minute.....
Character assigned +100A1 Shw Trawler
In Government Service
Lloyd's ACP: +LMC 8.44 30 CL

The Surveyors are requested not to write 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.)

The approved plans are being retained for reference in dealing with sister vessels; copies of these are in the Wokingham office.

This vessel is a sister vessel to the same builder yard No 708. "BOMBARDIER" (Hull No 52049)

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

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at side 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.I. 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 8-0-14 : A.E.G.: 7877 : 7/1/43.
2nd " 8-1-27 " : 4615 : 27/1/42
3rd " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—

Length of Poop 92.25 ft., R.Q.D. 92.25 ft., Bridge 34.0 ft., Forecastle 34.0 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 (Circ. 1611)

Over-all Length 193.0 (Circ. 1703)

No. and Material of Decks

One deck (stb)

Parts of Bottom of Vessel coated with cement or approved composition

Bituminous solution above cement in bunkers. 6 x 13 space for peaks & chain Co. Bitumen enamel in F.H. tanks.

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,		
Double bottom, under Engines and Boilers,			After peak tank,	11.66	7
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.

Date

Dates of Surveys held while building



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