Rpt. 1

TRAWLER.

STEEL STEAMER ~~OR~~ ~~MOTORSHIP~~.

4 OCT 1943

Received at London Office

REC'D 5 OCT 1943 IN D.O.

ADMIRALTY

State if Report has been sent on the Freeboard of the Vessel No

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

Date of completion of report 15th September, 1943 Port of HULL No. 521146.

Survey held at Beverley Date First Survey 8th January, 1943. Last Survey 15th September 1943

On the (*State if Machinery fitted Aft and if Single, Twin or Triple Screw*) Single Steel Screw M/S. A/S "FARNE" CONVERTED TO A DANLAYER.

State Type (*Full Scantling, Complete Superstructure with or without Tonnage Openings*) Full Scantling State Type of Erections Forecastle

TONNAGE under Tonnage Deck ... 408·14

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

Total 408·14

Gross Tonnage 454·04

Register Tonnage 144·47

REGISTERED DIMENSIONS.

	FEET
Length	153·85
Breadth	27·20
Depth	14·00

CLASS ✠100A – STEAM TRAWLER FOR GOVERNMENT SERVICE

State if with freeboard as condition of Class No

	FEET	
Length *from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)*	L	150·0" ✓
Breadth *(greatest moulded)*	B	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)*	D	15·0" ✓

1st Longitudinal Number (L × D) ..... = ✓

2nd Numeral L × (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 Beverley

Launched 22ND APRIL 1943 *Yard No.* 713 Job No J. 2705

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.
FRAMES, Spacing amidships		22	✓	
" " from ⅗ length amidships to Collision bulkhead		22	✓	
" " in peaks		22	✓	
SIDE FRAMING.				
Frame Amidships, Angle, ~~⊏~~	5	3	·440	
" " Extends up to	UPPER DECK		✓	
Reversed Frame Amidships, Angle	3	3	·38	
" " Extends ~~up to~~	ACROSS FLOORS		✓	
Depth of Framing Girder		5	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, ⊏ or ⌐	—	—	—	
" " **Second 'tween Decks,** Angle, ⊏ or ⌐	—	—	—	
" " **Third** " " " "	—	—	—	
" from ½ len. for'd. to ~~15% len. from Stem~~ CALL 13 NO	5	3	·440	✓
" **in Peaks,** Angle ~~or ⌐~~ FORE PEAK	5	3	·344	✓
" AFTER "	5	3	·30	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾	–	5¼	✓
State if Frame Joggled		NO		✓
Are the scantlings and arrangements in the **Panting Area** in accordance with the Rules and/or as approved ?		AS APPROVED		✓
Are the scantlings and arrangements in way of the **Bottom Forward** in accordance with the Rules and/or as approved ?				
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	18 × ·440			✓
	144 BR. 142 ER			✓
Height of Brackets at side above base line at toe of frame	NONE			✓
Middle Line Keelson, on Floors, Angles, ~~⊏ or ⌐~~ DOUBLE	5 × 3 × ·440 – ·30			✓
" " " ~~Through Plate or~~ Intercostal Plate	·142 – ·38			✓
" " " Foundation Plate on Floors	—	—	—	
" " " Flat Plate Keel Angles	3 × 3 × ·444 – ·440			✓
Side Keelsons, No. each side	ONE			✓
" " thickness of Intercostal Plate	—	—	—	
" " Angles	5	3	·50	✓
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing	—	—	—	
" " Are Frame and Reversed Frame joggled ?	—	—	—	
Bracket Floors, breadth and thickness at middle line	—	—	—	
" " breadth and thickness at margin plate	—	—	—	

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame	—	—	—	
" " Reversed Frame	—	—	—	
" " Vertical Struts	—	—	—	
Centre Girder, depth and thickness amidships	—	—	—	
" " top Angles	—	—	—	
" " bottom Angles	—	—	—	
Side Girders, No. each side and thickness	—	—	—	
Margin Plate depth (excl. of flange) and thickness	—	—	—	
" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	—	—	—	
" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	—	—	—	
" " Gussets, spacing and scantling abaft ¼ len. from stem	—	—	—	
" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	—	—	—	
Tank Side Brackets, height above base line at toe of Frame and thickness	—	—	—	
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake	—	—	—	
Thickness of remainder in Holds	—	—	—	
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 ?	—	—	—	
BEAMS.				
Uppermost Continuous Deck, amidships ~~in Wells~~ Angle, ~~⊏ or ⌐~~	5	3	·440	✓
" " in way of Bridge, Angle, ~~⊏~~ or ⌐	—	—	—	
Spacing		22		✓
LOWER FORWARD ~~Second~~ Deck, ~~amidships~~, Angle, ~~⊏ or ⌐~~	5	3	·35	✓
Spacing		22		✓
LOWER AFT ~~Third~~ Deck, ~~amidships~~, Angle, ~~⊏ or ⌐~~	5	3	·35	✓
Spacing		22		✓
Fourth Deck, amidships, Angle, ⊏ or ⌐	—	—	—	
Spacing	—	—	—	
Poop Deck, Angle, ⊏ or ⌐	—	—	—	
Spacing	—	—	—	
Bridge Deck, Angle, ⊏ or ⌐	—	—	—	
Spacing	—	—	—	
Forecastle Deck, Angle, ~~⊏ or ⌐~~	5	3	·32	✓
Spacing		22		✓

(MADE IN ENGLAND.)

008049 - 008060 - 0022

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	Diam 2¾"	–	44"	
" " " "				
" in ~~Holds~~ CROSS BUNKER " " "	Diam 2⅞"	–	44"	
" " " "				
Centre Line Bulkhead Stiffeners and Spacing FRS 30–39	a 6"×3"×·34 – 22"			
Plating, thickness of		·26		
STRINGERS AND DECKS. ~~Uppermost Continuous Deck.~~ Stringer Plate, breadth and thickness ~~in Wells~~	68½×·32			
" " " in way of Bridge	—	—	—	
" Angle ~~in Wells~~	3	3	·38	
Thickness of Plating abreast Deck openings ~~in way of Wells~~		·32		
Thickness of Plating ~~abreast~~ Deck openings in way ~~of Bridge~~	—	—	—	
Thickness of Plating within line of openings		·28		
If Sheathed, material and thickness FRS 13–33	DOUGLAS FIR 2½"			
~~Second~~ LOWER Deck. PLATED ATHWARTSHIPS Stringer Plate, breadth and thickness ~~in Wells~~		·26		

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge	—	—	—	
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	—	—	—	
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	—	—	—	
Plating, Sheathing, material and thickness	—	—	—	
Bridge Deck. Stringer Plate, breadth and thickness	—	—	—	
Plating, Sheathing, material and thickness	—	—	—	
Forecastle Deck. Stringer Plate, breadth and thickness		·26		
Plating, ~~Sheathing, material and~~ thickness		·26		
UNDER WINDLASS		·40		

SHELL PLATING.

STRAKES.	SCANTLINGS. As in Vessel. Amidships. Breadth. Inches.	Amidships. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Any Departure from Approved Plans to be Noted.	RIVETING. Edges. (State if joggled? YES) Single or Double.	Edges. Rivets. Diam. Inches.	Edges. Rivets. Spacing cr. to cr. Inches.	Butts. No. of Rows of Rivets.	Butts. Rivets. Diam. Inches.	Butts. Rivets. Spacing cr. to cr. Inches.	Strapped or Lapped.
Flat Plate Keel	39½	·46	·42	·42		DOUBLE	¾	6 PER SPACE EX FR RIVETS	TWO	¾	2⅝	STRAPPED
" ~~Dblg.~~ (if any)	—	—	—	—		—	—	—	—	—	—	—
Bottom Plating, No. of Strakes 2	66	·40	·40	·40		DOUBLE	¾	6 PER SPACE EX FR RIVETS	TWO	¾	2⅝	LAPPED
Bilge Plating, No. of Strakes 1	66	·40	·40	·40		"	"	"	"	"	"	"
Side Plating, No. of Strakes 1	66	·40	·40	·36		"	"	"	"	"	"	"
Upper Deck, Sheerstrake ~~in Wells~~	58	·50	·43	·42		"	"	"	"	"	"	STRAPPED
Upper Deck, Sheerstrake in Bridge												
Strake below Sheerstrake in Wells												
Strake below Sheerstrake in Bridge												
Poop Side Plating												
Bridge Side Plating												
Forecastle Side Plating	75	·28	No 1 PLATE ·50									

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 7

" Deck next below 3

As per Rule 4

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Vertical. Spacing.	Horizontal. Scantlings.	Horizontal. Spacing.
~~MIDSHIP~~ BULKH'D, ~~Upper 'tween decks~~ FR 19	·40–·30	6×3×·44 a / 3×3×·35	30"		
" " 30	"	3½×3×·38	30"		
" " ~~Second~~ " 52	·40–·26	6×3×·42 a	27"		
" " ~~Third~~ " 64	"	6×3×·40 BA a	24" & 27"		
" " ~~Hold~~ " 77	"	3×3×·35 / 5×3×·30	30" & 36"		
COLLISION " ~~(in Hold)~~ " 5	"	6×3×·32 a	24"		
AFTER PEAK " " 72	"	5×3×·40 / 3×3×·35	27" & 30"		

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE KEEL			
STEM	FLAT BAR ROLLED	8"×2"		
STERN FRAME Propeller Post	CAST	A's	STEWART & LLOYDS	
STERN FRAME Rudder "	STEEL	APPROVED	STEWART & LLOYDS	
Speed of Vessel	12 TO 13 KNOTS			
RUDDER—Type	SPADE TYPE.			
" A × D		✓		
" Diam. of head	CAST	7"×11½"	STEWART & LLOYDS	
" Mainpiece at top pintle	STEEL	9½×11½	STEWART & LLOYDS	
" " heel		6"×6"	STEWART & LLOYDS	
" how constructed	CAST STEEL FRAME WITH SIDE PLATES			
" double ~~or single plate~~		·32		
" coupling, vertical or horizontal		NONE.		

STEEL. 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 Ltd, Consett I & Co Ltd, Appleby-Frodingham, British I & S Corporation.

SECTIONS:— " " " " , Skinningrove I & Co Ltd.

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

EQUIPMENT No. ✓ LETTER ✓ ANCHORS. ✓

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
43946	1st Bower	14	1	18	STOCKLESS			16	1	1	0	14	BYER'S IMPROVED C.S. HEAD	✓	SUNDERLAND 26/6/43. R.J. VOGAN
43947	2nd	14	0	21	"			15	16	3	14	14	"	✓	" " "
	3rd														
	Collective weight	28	2	11								28			
2235 A	KEDGE ~~Stream~~	2	1	26	—	2	3	5	0	0	0		ADMIRALTY PLAN	BROWN LENNOX & Co	CARDIFF 16/7/43. A. BUTLER

CHAIN CABLES. / HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied. Length. Fathoms	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
67031	120	1⅛	22¾	34⅛	79-3-15	✓			STUD	2. SYKES & SON	CRADLEY HEATH 25/6/43 W.V. NORTON
67032	30	"	"	"	20-2-7	✓	135	1⅛	STUD	"	" " "
67321	30	"	"	"	20-1-19	✓			STUD	H. REECE	25/8/43 " "
~~Iron~~ Stream ~~Chain or~~ Steel Wire	100	Cir. 2	SUPPLIED BY ADMIRALTY				100	Cir. 2			

Material.	Length and Size supplied. Length. Fathoms	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms	Cir. Ins.
~~Line~~	30	6	MANILLA FITTED		
	30 F	3	S.W.R. EACH END		
Hawsers & Warps	150	2½	ADMIRALTY PATTERN		
"	120	2½	MANILLA ROPE		
"	120	1½	ALL SUPPLIED BY		
	120	4	ADMIRALTY.		

Steering Gear, Type ~~(Power or hand)~~ STEAM Donkins' Alternative Means of Steering HAND WHEEL

Steering Chains (Size and Test) NONE Windlass 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 ✓

COOK, WELTON & GEMMELL, LTD.

Builder's Signature A D Campey

General Manager 14/9/43

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 & specification. The material & workmanship are of good quality.

Fore & after peak tanks, chain locker, trimming tanks, F.W and Reserve feed tanks tested in accordance with the Rules.

Bottom flooded fore & aft and shell plating & bulkheads water tested by a hose.

The decks, casings, deckhouses, windlass, skylights, escape hatches, W.T. doors & steering arrangements tested.

All found Satisfactory.

		Fees applied for,
The amount of Entry Fee	£ : :	29 SEP 1943
Special Survey Fee	£69·0·0	
SUPERVISION OF SPECIFICATION	£71·0·0	Received by me,
Travelling Expenses, if any	£ : :	19

ADMIRALTY A/c rendered from London 12.11.43.

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed ✠ 100A — STEAM TRAWLER "FOR GOVERNMENT SERVICE"

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

Signature F. R. Palmer
Surveyor to Lloyd's Register of Shipping.

Certificate ~~to be~~ sent to HULL. Date of issue 20/10/43

Committee's Minute FRI. 8 OCT 1943

Character assigned ✠100A - Steam Trawler
In Government Service
✠LMC 9.43

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 under construction; copies of these are in the Wokingham office.

This vessel is a sister vessel to the same builder's yard No. 702. "BRYHER" (Hull Dpt. No. 532122)

One '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 9-2-14 : A.E.G : 8305 : 11/3/43.

2nd ,, 9-2-23 : A.E.G : 7935 : 18/1/43.

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 ✓ (Circ. 1611) Over-all Length 166·5 (Circ. 1703)

No. and Material of Decks 1 Deck (St.)

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

Particulars of composition (if fitted) and of approval Bitumastic 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.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total length (if continuous) and Capacity		

Where Fitted.	Length. Feet.	Water Capacity. Tons.
Fore peak tank,		
After peak tank,		
Deep tank, aft,		
Deep tank, forward,		
Other tanks, if fitted,		
(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3344.

Date 6. 10. 42.

Dates of Surveys held while building

1943. Jan 8. Feb. 16. 22. 26. Mar. 15. 17. 25. 29. Apr. 1. 13. 16. 19. 20. 22. June 1.
July 19. Aug. 12. 30. Sept. 3. 6. 15.

Total No. of Visits 21.

For S.S.O.F. see "Annex" (Hull 532066)