

23 JAN 1948

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

Date of completion of report 7.1.46. Port of HULL No. 53287.

Survey held at Beverley & Hull Date First Survey 12th September, 1945 Last Survey 1st January 1946

On the (State of Machinery fitted Aft and
of Single, Double or Triple Screw) steel steam trawler "BULBY"

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

TONNAGE under } 294.26 CLASS *100A1-STEAM State if with freeboard } NO. Built at Beverly
Tonnage Deck ... } TRAWLER as condition of Class }

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) } L 133.0 ✓

Breadth (greatest moulded) } B 25.0 ✓

Launched 8.10.45. Yard No. 736.
 Builders Cook, Welton & Gemmell.

Total	Depth, at middle of length from top of keel to top of lower part of mandible continuous	14.8	3.5	1.1	3.1	0.9
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Gross Tonnage 360.67 deck. See Sec. 3 (1c) 1812 Owners 1

Master Tonnage 139.29 1st Longitudinal Number (L x D) 5187 ✓
2nd Number (L x (B + D))
Managers (Where necessary to be entered in Reg. Book) ✓

REGISTERED DIMENSIONS. Framing Depth "d," at middle of length. See } 12.58 ✓ Residence

FEET Sec. 5 (1a).....)
 Proportions Depth to Length Unconformity) 256' Depth to Base 7 feet and

136.15 Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.3 ✓ Port of Registry San Francisco

width **25.25** Do. Long Bridge to } ✓ If surveyed while building, afloat, or in dry dock

th	13.25	Draught Moulded	Building and afloat.
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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.....	20, 21 & 21½		Bracket Floors, Frame		
" " from ¾ length amidships to Collision bulkhead.....	18 ✓		" " Reversed Frame.....		
" " in peaks	18 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F.....	4½ 3 .40 ✓		" " top Angles		
" " Extends up to <u>upper + R.Q. deck</u> ✓			" " bottom Angles.....		
Reversed Frame Amidships, Angle	3 3 .36 ✓		Side Girders, No. each side and thickness.....		
" " Extends up to <u>across floor</u> ✓			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	4½ ✓ ✓		" " Vertical Angle to Tank side Bracket abaft ½ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	✓		" " Vertical Angle to Tank side Bracket from forward ½ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or [.....	✓		" " Gussets, spacing and scantling abaft ½ len. from stem.....		
" " Third	✓		" " Gussets, spacing and scantling from forward ½ len. from stem to Panting Area		
" " from ½ len. for'd. to 15% len. from Stem	4½ 3 .40 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle E or F.....	4½ 3 .40 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾ - 5¼ ✓		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 .44 ✓	
Floors, Depth and thickness at mid-line in Holds.....	17" x .36" ✓		" " in way of Bridge, Angle, [or [.....		
Height of Brackets at side above base line at toe of frame.....	.40 in M/C spaces ✓		Spacing <u>on alternate frames</u> ✓		
Middle Line Keelson, on Floors, Angles, [or [.....	12 x 3½ x 30 .45 lbs. ✓		Lower Second Deck, amidships, Angle, E or F.....	4½ 3 .32 ✓	
" " Through Plate or Intercoastal Plate50" in E.R. ✓		Spacing <u>on alternate frames</u> ✓		
" " Foundation Plate on Floors	✓		Lower Third Deck, amidships, Angle, E or F.....	4 3 .30 ✓	
" " Flat Plate Keel Angles	✓		Spacing <u>on alternate frames</u> ✓		
Side Keelsons, No. each side.....	one		Fourth Deck, amidships, Angle, [or [.....		
" " thickness of Intercoastal Plate.....	5 4 .42 ✓		Spacing.....		
" " Angles <u>in B.R.</u>	5 4 .46 ✓		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, E or F.....	6 3 .44 ✓	
" " breadth and thickness at margin plate.....			Spacing <u>on alternate frames</u> ✓		

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	2 in way of	3" dia.		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			
"	in Holds	below foremast 2-3" dia pillars.		Thickness of Plating within line of openings			
Centre Line Bulkhead.				If Sheathed, material and thickness			
Stiffeners and Spacing				Third Deck.			
Plating, thickness of				Stringer Plate, breadth and thickness			
STRINGERS AND DECKS.				If Plated, state thickness			
Uppermost Continuous Deck.				Fourth Deck.			
Stringer Plate, breadth and thickness in Wells	27 x .36 - .32			Stringer Plate, breadth and thickness			
"	in way of Bridge	54 x .30		If Plated, state thickness			
"	Angle in Wells	3 3 36		Poop Deck.			
Thickness of Plating abreast Deck openings in way of Wells	.36			Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Bridge				Plating, Sheathing, material and thickness			
Thickness of Plating within line of openings				Bridge Deck.			
If Sheathed, material and thickness	Douglas fir 3"			Stringer Plate, breadth and thickness			
Second Deck.				Plating, Sheathing, material and thickness			
Stringer Plate, breadth and thickness in Wells	15 x .30			Forecastle Deck.			
				Stringer Plate, breadth and thickness	27 x .26		
				Plating	.26		
				Plating, Sheathing, material and thickness	Douglas fir 2 1/2"		
				" in way of windlass	.38		

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		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.	
Flat Plate Keel	✓										
Garboard Strake	32	.44	.44	.44		double	5 per space	Two	3/4	2 5/8	Strapped
" Dble. (if any)						"	"	"	"	"	lapped
Bottom Plating, No. of Strakes	52	.375	.375	.375		"	"	"	"	"	"
Bilge Plating, No. of Strakes	48	.375	.375	.375	Originally approved .44 & .375.	"	"	"	"	"	"
Side Plating, No. of Strakes	48	.375	.375	.375		"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells	42	.50	.40	.40		"	"	"	"	"	Strapped
Upper Deck, Sheer-strake in Bridge	✓					"	"	"	"	"	"
Strake below Sheer-strake in Wells	50	.375	.375	.375		double	"	"	"	"	lapped
Strake below Sheer-strake in Bridge	50	.50	✓	✓		"	"	"	"	"	"
Poop Side Plating											
Bridge Side Plating											
Forecastle Side Plating	✓	✓	.26	✓							

Note: Seams and butts are butt-welded forward of half length.

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 4 ✓

" Deck next below ✓

As per Rule 3

	Plating Thickness.	STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks	FR. 46 & 63	.28	6 x 3 x 32 8A.	30	✓	✓
" Second						
" Third						
" Holds						
COLLISION (in Hold)	FR. 77	.30	5 x 3 x 38 8A.	24	✓	✓
AFTER PEAK	FR. 14	.26	3 1/2 x 3 x 5/16	30	✓	✓
	FR. 7	.38	5 x 3 x 36	24	✓	✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Rolled 8" x 2"		
STEM		8 x 2		
STERN FRAME	Propeller Post	Forging 6 x 3 1/4	Forster	
	Rudder	"	"	
Speed of Vessel		10/12 knots		
RUDDER—Type		double plate		
" A x D		9.4 x 19		
" Diam. of head		Forging 5 1/4		
" Mainpiece at top pintle		6 in	Forster	
" heel		4 1/4		
" how constructed		Side plates welded		
" double or single plate coupling, vertical or horizontal		.30		
		14" dia x 1 1/2"		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.

Plates: Insect Iron Co. Appleby Frodingham I.S. Co.
Sections: Dorman Long & Co. Cargo 7 feet: Insect I. Co. Skinner's

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

Number of Certificate.	Anchor.	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.	qrs.	lbs.	Cwts.						
60366	1st Bower	8	1	0	✓				10	7	2	0	✓	8	✓	} HALLS TYPE (C.S. HEAD)	✓	} CRADLEY HEATH. 17-7-45: W.V. NORMAN
60368	2nd "	7	1	7		"			9	11	2	7	✓	7 ¹ / ₄	✓			
	3rd "																	
	Collective weight	15	2	7									✓	15 ¹ / ₄				
60264	Stream	3	2	0	✓	3	22	5	18	3	0	✓	3 ¹ / ₂ ex stock	RODGERS F.W.I.	✓			CRADLEY HEATH. 10-7-45: W.V. NORMAN

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.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.
69615	120 ² / ₃	1 ¹ / ₈	22 ³ / ₄	34 ¹ / ₈	82-3-2	77 ³ / ₄	120	1 ¹ / ₈	STUD LINK	HENRY REECE	CRADLEY HEATH: 10-7-45: W.V.NORMAN	TOWLINE	✓	✓	✓	✓	✓
												HAWSERS & WARPS	60	4"	✓		
												"	60	4"	✓		
												"	Combination wires.				
Iron Stream Chain or Steel Wire	✓											"					

Steering Gear, Type (Power or hand) Donkin's steam and hand ✓ Alternative Means of Steering relieving tackle ✓

Steering Chains (Size and Test) 7/8" dia short link - 9t. 2.2.0 test ✓ Windlass Gemmell & Sons Boats One 16.45' trawler ✓
7rd fishroom 2 1/2" Col. pine caulked ✓

Ceiling in Holds, thickness and material 4ft. - - 3" Oak - Cargo Battens, thickness, material and spacing 2" Col. pine ✓
caulked. ✓

Cargo Hatchways.—(Upper Deck) steel coamings 19" x 7/16" ✓ Thickness of Hatches 3" ✓

Size of Hatchways No. 1 (Fwd.) 3'-0" x 3'-4" No. 2 3'-6" x 3'-4" No. 3 5'-0" x 3'-4" No. 4 5'-0" x 3'-4" No. 5 ✓ No. 6 ✓

Number of Shifting Beams } ✓
and/or Fore and Afters }

COOK, WELTON & GEMMELL LTD. 4.

Builder's Signature.

COOK, WILTON & GEMMELL, LTD

A. Hunter
Managing Director 3/1/46

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 conformity with The Society's Rules and Regulations and the Secretary's letters; the scantlings + arrangement are in accordance with, or equivalent to, those shown on the approved plans. The workmanship and materials are of good quality.

The built-in fresh water tanks have been tested under pressure; the fore & after peaks, slush wells, liver residue tank & after cabin flat have been tested by flooding; decks & casings, hatchways and skylights, & W.T. door have been tested by hose & all found satisfactory. Bilge hand pumps tried & found in order.

Steering gear and windlass tested + found satisfactory.

The amount of Entry Fee.....	£	:	:	} Fees applied for, 21 JAN 1946		
Special Survey Fee.....	£	36	0		0	
<i>Travelling Expenses, if any</i>	£	1	13		8	
					Received by me,	
						19

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

I am of opinion the Vessel should be Classed **100A1-STEAM**
TRAWLER

State whether the Vessel has been built under Special Survey

Signature J. K. Beasley.
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

~~Date~~ of issue

Committee's Minute

FRI. 15 FEB 1946

Character assigned

+100A1 Steam Trawlers

Lloyd's A + C.P.

+ LMC 146

C.L.

White Hall

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.)

A "soft-wood" plate stem has been fitted above 9'-0" draft marks.

An echo-sounding device has been fitted. ✓

Approved plans are being retained for reference in dealing with similar vessels now under construction. This vessel is similar to the same Builders' Yard No. 755 "ABY" (Hull Report No. 53243)

Forging Reports are forwarded herewith. ✓

PARTICULARS OF ELECTRIC WELDING (if employed)

Stiffening to plate stem, bunker tunnel stiffeners, tie plate built after cabin flat & f.w. tanks below are welded in accordance with approved plans. Seams and butts of shell plating forward of $\frac{1}{2}$ length amidships have been flush welded in this vessel.

Approved electrodes have been used throughout. ✓

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

✱ 100 A1—Steam Trawler. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower

5. 0. 9

A.E.G.

4841.

1. 5. 45

2nd "

4. 1. 2

A.E.G.

5156

31. 5. 45.

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ ft., R.Q.D. 74.6 ft., Bridge. ✓ ft., Forecastle 27.0 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)

25'-4½"

Over-all Length (Circ. 1703)

148'-0"

No. and Material of Decks

One wood deck with steel stringers & triplate

Parts of Bottom of Vessel coated with cement or approved composition

Skin cement throughout ship from keel to lower turn of bilge; solid cement to top of floors in bunkers & peaks.

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,		
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. 3481.

Date 27. 3. 45.

Dates of Surveys held while building

1945. Sept. 12, 13, 19, 29.

Oct. 2, 4, 5, 6, 8, 16, 24.

Nov. 15, 16. Dec. 8, 10.

1946 Jan. 1.

Total No. of Visits 16.