

RECEIVED

12 OCT 1950

IN D.O.

STEEL STEAMER ~~MOTORSHIP~~ TRAWLER.

Received at London Office

12 OCT 1950

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

Port of Hull

No. 56874

Survey held at BEVERLEY &amp; HULL Date First Survey 6th February '50 Last Survey 11th September 1950

On the (Screw or Machinery fitted Aft)

PRINCESS ELIZABETH

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

FULL SCANTLING

State Type of Erections R.O.D. &amp; FO'CLE

TONNAGE under Tonnage Deck ...

571

CLASS STM TRAWLER State if with freeboard as condition of Class NO

Built at BEVERLEY

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 185.0

Launched 2.6.50 Yard No. 824

Total

571

Breadth (greatest moulded) B 32.0

Builders COOK, WELTON &amp; GEMMELL LD.

Gross Tonnage

809.7

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 16.25

Owners ST. ANDREWS STEAM FISHING CO. LD.

Register Tonnage

289.18

1st Longitudinal Number (L x D) = 3006

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

2nd Numeral L x (B + D) = 8926

Residence

Framing Depth "d," at middle of length. See Sec. 3 (1d) 14.59

Port of Registry HULL

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.38

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel

BUILDING &amp; AFLOAT.

Draught Moulded

## REGISTERED DIMENSIONS.

FEET

Length 189.1

Breadth 32.2

Draught 14.1

## 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 1/2	21	Bracket Floors, Frame	5 3 40	✓
" " from 1/2 length amidships to Collision bulkhead	18	✓	" " Reversed Frame	5 3 32	✓
" " in peaks	18	✓	" " Vertical Struts	6 3 38	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	36 x 38	✓
Frame Amidships, Angle E or F	5 3 40	✓	" " top Angles	3 3 30	✓
" " Extends up to	upper R.O. Dks.	✓	" " bottom Angles	8W	✓
Reversed Frame Amidships, Angle	3 3 38	✓	Side Girders, No. each side and thickness	ONE x 35	✓
" " Extends up to	across floor	✓	Margin Plate depth (excl. of flange) and thickness	-	-
Depth of Framing Girder	5	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	-	-
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	-	-	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	-	-
" " Second 'tween Decks, Angle, E or F	-	-	" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	-
" " Third " " " "	-	-	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	-
" " from 1/2 len. for'd. to 15% len. from Stem	5 3 40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	-	-
" " in Peaks, Angle E or F	5 3 40	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	Breadth and thickness of Middle Line Strake	-30	✓
State if Frame Joggled	yes	✓	Thickness of remainder in HULL FISHROOM	-30	✓
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	6 3 40	✓
Floors, Depth and thickness at mid-line in Holds	20 - 40	✓	" " in way of Bridge, Angle, E or F	-	-
Height of Brackets at side above base line at toe of frame	-	-	Spacing	Every ft.	✓
Middle Line Keelson, on Floors, Angles	12 x 4 x 4 x 31	✓	R.Q. Deck, amidships, Angle, E or F	6 3 44	✓
" " Through Plate or Inter-costal Plate	-	-	Spacing	Every ft.	✓
" " Foundation Plate on Floors	-	-	R.Q. Deck, amidships, Angle, E or F	7 3 50	✓
" " Flat Plate Keel Angles	-	-	Spacing	alt. ft.	✓
Side Keelsons, No. each side	ONE	✓	LOWER FWD. Deck, Angle, E or F	6 3 36	✓
" " thickness of Inter-costal Plate	-	-	Spacing	Every ft.	✓
" " Angles	5 4 48	✓	LOWER AFT. Deck, Angle, E or F	5 3 30	✓
DOUBLE BOTTOM.			Spacing	Every ft.	✓
Solid Floors, thickness and spacing	35 alt. frames	✓	Bridge Deck, Angle, E or F	-	-
" " Are Frame and Reversed Frame joggled?	Frame - yes, Rev. - No.	✓	Spacing	-	-
Bracket Floors, breadth and thickness at middle line	18 x 35	✓	Forecastle Deck, Angle, E or F	7 3 50	✓
" " breadth and thickness at margin plate	VARIES 35 (27" Min)	✓	Spacing	alt. ft.	✓



# 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 .....	20 3 1/2 DIA	UNDER FORECAST	Stringer Plate, breadth and thickness in way of Bridge .....	-
" in 'tween Decks, Size and Spacing .....	20 2 1/2 DIA IN AFT TWN. DKS.		Thickness of Plating abreast Deck openings in way of Wells .....	.38 ✓
" .....			Thickness of Plating abreast Deck openings in way of Bridge .....	-
" .....			Thickness of Plating within line of openings .....	.30 ✓
" .....			If Sheathed, material and thickness .....	3" D FIR ✓
LONG 4 Bulkhead. IN O.F.B. ✓			Third Deck.	
Stiffeners and Spacing .....	7 3 3/4 B.A. ✓		Stringer Plate, breadth and thickness .....	-
Plating, thickness of .....	32 ✓		If Plated, state thickness .....	-
STRINGERS AND DECKS.			Fourth Deck.	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness .....	-
Stringer Plate, breadth and thickness in Wells .....	.34 - .31	.38 IN WAY GALLONS ✓	If Plated, state thickness .....	-
" " " " in way of Bridge .....	-		Poop Deck.	
" Angle in Wells .....	3 1/2 3 40 ✓		Stringer Plate, breadth and thickness .....	-
Thickness of Plating abreast Deck openings in way of Wells .....	.28 ✓		Plating, Sheathing, material and thickness .....	-
Thickness of Plating abreast Deck openings in way of Bridge .....	-		Bridge Deck.	
Thickness of Plating within line of openings .....	.30 ✓	.44 IN WAY CENTRE BOLLARDS ✓	Stringer Plate, breadth and thickness .....	-
If Sheathed, material and thickness .....	3" D.FIR ✓		Plating, Sheathing, material and thickness .....	-
Second Deck.			Forecastle Deck.	
Stringer Plate, breadth and thickness in Wells .....	.34 - .31	.38 IN WAY GALLONS ✓	Stringer Plate, breadth and thickness .....	.30 (No WS) ✓
			Plating, Sheathing, material and thickness .....	.38 IN WAY WINDLASS ✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.		
GARBOARD						DR	3/4	6 prs	3-2	3/4	2 5/8	STRAPPED	
Flat Plate Keel	39	.50	.46	.46		"	"	"	2	"	"	LAPPED	
" Btg. (if any)	63	.44	.40	.40		"	"	"	2	"	"	"	
Bottom Plating, No. of Strakes	63	.44	.40	.40		"	"	"	2	"	"	"	
Bilge Plating, No. of Strakes	56	.44	.40	.40		"	"	"	2	"	"	"	
Side Plating, No. of Strakes	63	.44	.40	.40		"	"	"	3-2	"	"	"	
Upper Deck, Sheer-strake in Wells	63	.44	.40	.40	.54" IN WAY GALLONS	"	7/8	5 prs	3-2	"	"	"	
Upper Deck, Sheer-strake in Bridge	48	.625	.44	.44	.70" IN WAY BREAK	"	"	"	EW. THROUGHOUT				
Strake below Sheer-strake in Wells						Edges of side plating			Butts of side plating				
Strake below Sheer-strake in Bridge						E.W. in way O.F.B.			EW in way O.F.B.				
Poop Side Plating													
Bridge Side Plating													
Forecastle Side Plating			.31			S.R.	3/4	3	2	3/4	2 5/8	STRAPPED	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	6 (3 WT. 3 O.T.)
Extending to Upper Deck (Sec. 3 c)	6 5BH for record
Deck next below	
As per Rule	4

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	No 84 (W.T.) ✓	40/30	6.3 40	T 24 ✓	
" " Second	No 55 (O.T.) ✓	34 ✓	"	" ✓	
" " Third	No 54 (O.T.) ✓	34 ✓	"	" ✓	
" " Fourth	No 44 (O.T.) ✓	44 ✓	"	" ✓	TOE WELDED ✓
" " Fifts	No 30 ✓	30 ✓	"	T 2 1/2 24 ✓	
COLLISION	No (in Hold) 102/104 ✓	40/30	6.3 38	T 24 ✓	
AFTER PEAK	No 18 ✓	26 ✓	3 1/2 x 30	T ✓	
	No 625 ✓	38	5 x 3 x 40	T 24 ✓	

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	MS	8x2 ✓		
STEM .....	MS	8x2 ✓		
STERN FRAME { Propeller Post .....	FAB	AND C.D. HOLMES HULL		
{ Rudder .....	EW			
Speed of Vessel .....	12/14	KNOTS ✓		
RUDDER—Type .....	SEMI-BALANCED	C.D. HOLMES		
" A x D. ....	129.15	✓		
" Diam. of head .....	8 1/2	✓		
" Mainpiece at top pintle	8 1/4 x 8 1/4	✓		
" " heel .....	8 1/4 x 8 1/4	✓		
" how constructed .....	Weld side plates	EW ✓		
" double or single plate	Double	.42 ✓		
" coupling, vertical or horizontal .....	Horizontal	✓		

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 Fradingham Steel Co.	
	SECTIONS— " " " " Doorman Lang & Co. Skinningrove Iron Co.	
	Has the Steel been tested as required by the Rules?	Yes. ✓

Number of Certificate. 68871 1  
68872 2  
68873 3

Number of Certificate. 14995 6

Iron Steam Chain or Steel Wire

Req. 1. No. 35

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HOLMES HULL

✓

C. D. HOLMES.

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13B 225/6 Spf

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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.)

Oil tanks, have been satisfactorily tested to Rule requirements. ✓  
The slush wells, cofferdams and residue tanks have been satisfactorily flood tested. ✓  
The decks, casings, skylights, and w.t. bulkheads (clear of tanks), have been tried by hose. ✓  
The steering gear, windlass, and hand pumps have been tried under working conditions. ✓  
Oil fuel bunker situated between fish hold and machinery space F.P. above 150° F. ✓

The following reports are forwarded herewith—  
Tiller & Trunnion Sunderland Rpt 6. N° 8752 A + 8753  
Quadrant & pinion " " 8768  
Rudder head & mainpiece bars " " 5736 + 5737

The wheelhouse and funnel are constructed of aluminium alloy to Rule requirements. ✓

Stem above W.L. of plate construction. ✓

#### PARTICULARS OF ELECTRIC WELDING (if employed)

Butts and seams of side shell plating in way of oil fuel bunkers.  
Butts of shell plating below W.L. forward of 1/8 L  
Oil tight bulkheads.  
Frames to side shell plating in way oil fuel bunkers. ✓  
Approved electrodes employed for all welding.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
+100AL STM TRAWLER, CRUISER STERN, D/F, E.S.D.  
RADAR, FITTED FOR OIL FUEL 9.50 F.P. ABOVE 150° F.  
LLOYD'S A & C.P.

RADAR Equipment (State if fitted) YES.

State Type or Pattern No. RADIO LOCATOR

State } Maker MARCONI ✓  
Name } and/or  
of } Supplier

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

1st Bower	9 units ✓	2 gns 14 lbs ✓	A.E.G.	9-1-47.	9840 ✓
2nd "	8 "	1 " 12 lbs ✓	A.E.G.	5-6-47.	288 ✓
3rd "					

#### PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 99.3 ft., Bridge ✓ ft., Forecastle 33.75 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. ✓

Official No. 183449 Signal Letters ✓ Extreme Breadth over MLDG 32.46 Over-all Length 205.5 ✓  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE STEEL DECK (W.S.)

Parts of Bottom of Vessel coated with cement or approved composition Inner surface of bottom plating laid with cement except in D.F.B. In D.B.T's strake adjacent to keel only cemented.

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, WING TANKS IN B.S. (FEED WATER)	8.5 ✓	26 ✓
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	49.75 ✓	63.5 ✓	Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3597

Date 10-11-49

Dates of Surveys held while building

1950. Feb 6, Mar 10, 20, 22; Apr 17, 28; May 16, 18, 22, 23, 25;  
June 1, 2, 5, 16; July 5, 12; Aug 8, 10, 23; Sept 6, 11.

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Total No. of Visits 22.