

STEEL STEAMER or MOTORSHIP.

SEP -7 1940

Received at London Office

WRECK
SECTION
No 871

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel *Yes*

SECTION

No 871

No. 50837

Date of completion of report

Survey held at *Beverley + Hull*Date First Survey *7th September 1939* Last Survey *17th August* 1940.Port of *Hull*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

STEEL SINGLE SCREW A/S TRAWLER "VIZALMA"

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

*Full scantling*State Type of Erections *RQ deck + file*TONNAGE under Tonnage Deck... *498.62*CLASS ** 100 A-1*

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 most on summer L.W.L. See Sec. 3 (1a)

L 175'

Launched *11th April 1940* Yard No. *656*Total *498.62*

Breadth (greatest moulded)

B 30'

Builders *Messrs Cook, Welton & Gemmell Ltd.*Gross Tonnage *608.16*

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'

Owners *Atlas Steam Fishing Co., Ltd.*Register Tonnage *204.82*1st Longitudinal Number (L x D) = *2800*

(Requisitioned by the Admiralty).

2nd Numeral L x (B + D) = *8050*

Managers

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

REGISTERED DIMENSIONS. FEET.

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

14.41

Residence

Length *178.15*

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

*10.94*Port of Registry *Grimshy*Breadth *30.05*

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Depth *15.2*

Draught Moulded

During construction.

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 $\frac{3}{4}$ length amidships to Collision bulkhead	17		" " Reversed Frame		
" " in peaks	17		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle <i>E</i>	5 1/2 3 38		" " top Angles		
" " Extends up to <i>deck</i>			" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 38		Side Girders, No. each side and thickness		
" " Extends up to <i>cross floors</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 1/2		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " in Peaks, Angle or <i>E</i>	5 1/2 3 38		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No.		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	No. approved.		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds	19 x 40		BEAMS.		
Height of Brackets at side above base line at toe of frame	144		Uppermost Continuous Deck, amidships	7 3 .46	
Middle Line Keelson, on Floors, Angle, <i>E</i> or <i>F</i>	15 x 4 x 4 x 40		" " in Welle, Angle, <i>E</i> or <i>F</i>	7 3 .42	
" " Through Plate or Intercostal Plate			" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	7 3 .42	
" " Foundation Plate on Floors			Spacing	ON ALT. FRAMES	
" " Flat Plate Keel Angles			R.Q. Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	7 3 .42	
Side Keelsons, No. each side	One		Spacing	ON ALT. FRAMES	
" " thickness of Intercostal Plate			LOWER Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	5 3 .34	
" " Angle	5 4 .48		Spacing	42" & AS APPD	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, <i>E</i> or <i>F</i>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, <i>E</i> or <i>F</i>		
			Spacing		
			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	5 3 .40	
			Spacing	30"	

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.....	3" DIA - 5'-8" See plan	
„ „ „ „ „	✓	
„ in Holds „ „	✓	
„ „ „ „ „	✓	
Centre Line Bulkhead.		
Stiffeners and Spacing.....	✓	
Plating, thickness of	✓	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	38" x .40 ✓	
„ „ „ „ in way of Bridge	✓	
„ Angle in Wells	3/2 3 .40 ✓	
Thickness of Plating abreast Deck openings in way of Wells	TIES 12" x .40 ✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
Thickness of Plating within line of openings...	.40 ✓	
If Sheathed, material and thickness	5' x 3" PITCH PINE ✓	
R. G. Second Deck.		
Stringer Plate, breadth and thickness in Wells...	.34 ✓	
Stringer Plate, breadth and thickness in way of Bridge	✓	
Thickness of Plating abreast Deck openings in way of Wells38 ✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
Thickness of Plating within line of openings...	.31 ✓	
If Sheathed, material and thickness	3" P. PINE IN WAY OF ACCN. ✓	
Lower Third Deck.		
Stringer Plate, breadth and thickness.....	18 x .25 ✓	
If Plated, state thickness.....	TIES 9" x .25 ✓	
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.....	.31 ✓	
Plating, Sheathing, material and thickness31 ✓	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)		4			
" Deck next below		2			
As per Rule		4.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, ON FRAME N ^o 55 Upper tween deck	✓	4L-30	7" x 3'-3L5	30"	✓ ✓ ✓
" " Second "					
" " Third "					
" " Holds					
COLLISION FRAME N ^o 99 (in Hold)	✓	4L-30	4'-3'-30F	2L-	✓ ✓
AFTER PEAK	✓	8' 4L-38	5'-3'-36F	2L	✓ ✓
	✓	18'-36	3 1/2'-2 1/2'-5/16F	30"	✓ ✓

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Rolled 7 1/2" x 17 1/2"	Consolidated	
STEM		" " "	"	
Stern Frame	{ Propeller Post	Tongue 8" x 4"	A.S. Smith & Co.	
	{ Rudder	7' x 4' 6" x 1/2"	Burnside	
Speed of Vessel		12 1/2 knots		
RUDDER—Type		Hydrographic patent		
" A x D				
" Diam. of head		7 1/2"		
" Mainpiece at top pintle		6" x 10" x 1/2"		
" " heel				
" how constructed		Yoked frame & side plates		
" double or single plate coupling, vertical or horizontal		Double Vertical		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*
Craig, Keet Iron Works, Dominion Craig Works, Appleby, Wetherby, Yorkshire. Skinningrove Iron Works
Steel Co. of Scotland, Criswell Iron Works, South Durham S.S. & Co.
 Has the Steel been tested as required by the Rules? *Yes.*

Has the Steel been tested as required by the Rules?

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 following approved plans are enclosed herewith.

Midships Section.

Profile + Decks.

Stem frame.

Yoke tiller

Lower deck beams.

Hght. for gun platform + support.

" of compensation around Radio Dome.

Bilge ballast pipes arrangements

Rudder (Hydrogap patent) was forwarded with first entry of "St Zeno", on Rpt N^o 50794.

Repairs enclosed herewith.

Stem frame. Old Rpt N^o 2148.

Rudder frame, rudder head & tiller Old Rpt. N^o 2711-2712.

This vessel is similar to the same Builders yard N^o 654/S. "ST APOLLO" + "ST ZENO",
on 4. E. Rpt N^o 50776 + 50794.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

* 100 A-1. "STEAM TRAWLER".

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

1st Bower

8-0-2

J.D.

5201

30-8-38.

2nd "

7-2-4

J.D.

5012

17-1-38.

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 92.25 ft., Bridge ☒ ft., Forecastle 36.5 ft.

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

Official No. 166636.

Signal Letters

Extreme Breadth over Belting

(Circ. 1611)

Over-all Length

(Circ. 1703)

No. and Material of Decks 1 Dk.

Parts of Bottom of Vessel coated with cement or approved composition

to stem fitted with concrete.

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,	11.66	7½
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	5.66	21
Double bottom, forward,			Other tanks, if fitted,	5.66	21.
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3197

Date 25th Sept. 1939.

Dates of Surveys
held while building

1939: Sept. 7. 20. Oct. 10. 23. 30. Nov. 9. 15. 21. 29. Dec. 11. 13. 18. 21. 28.
1940: Jan. 10. 17. 22. Feb. 13. 26. March 1. 7. 12. 19. 21. 27. April 3. 5. 9. 11. 19
May 1. 3. 10. 14. June 15. 18. 21. 27. July 3. 19. 24. Aug. 3. 6. 10. 17

Total No. of Visits 45.