

RECEIVED

14 MAR 1946

IN D.O.

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 12 MAR 1946

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.....5.3.46.....Port of.....Hull.....No. 53358.

Survey held at.....Beverley &amp; Hull.....Date First Survey.....19.10.45.....Last Survey.....6.2.1946.

On the (State if Machinery fitted Aft and Fore) ~~Single, Twin or Triple Screw~~ Steel Steam Trawler "JOSENA"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Hull Scantling State Type of Erections Forecastle R. &amp; B. Deck

TONNAGE under Tonnage Deck ... 294.26

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

Total

Gross Tonnage 360.67

Register Tonnage 139.29

CLASS 1100A1-STEAM TRAWLER. State if with freeboard as condition of Class No

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

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 14.0

1st Longitudinal Number (L x D) 1862

2nd Numeral L x (B + D) 5187

Framing Depth "d," at middle of length. See Sec. 3 (1d) 12.53

Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.5

Do. Long Bridge to top of keel ✓

Draught Moulded

Built at Beverley

Launched 21.12.45 Yard No. 761

Builders Cook, Welton &amp; Gemmell Ltd.

Owners Trident Steam Fishing Co.

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

Residence ✓

Port of Registry Fleetwood

If surveyed while building, afloat, or in dry dock

Building afloat

## STERED DIMENSIONS.

FEET

136.15

25.25

13.25

## 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.
MES, Spacing amidships.....	20	21 + 21 1/2 ✓	Bracket Floors, Frame .....		
"    from 1/2 length amidships to Collision bulkhead.....		18 ✓	"    "    Reversed Frame.....		
"    in peaks .....		18 ✓	"    "    Vertical Struts .....		
FRAMING.			Centre Girder, depth and thickness amidships		
ame Amidships, Angle, <del>E or F</del> .....	4 1/2	3 40 ✓	"    "    top Angles .....		
"    Extends up to <del>upper</del> .....		R. & B. Deck ✓	"    "    bottom Angles.....		
versed Frame Amidships, Angle .....	3	3 36 ✓	Side Girders, No. each side and thickness.....		
"    "    Extends up to <del>upper</del> .....		across floor ✓	Margin Plate depth (excl. of flange) and thickness .....		
pth of Framing Girder.....	4 1/2	✓	"    "    Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....		
ames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....		✓	"    "    Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....		
"    Second 'tween Decks, Angle, [ or ] .....		✓	"    "    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 .....	4 1/2	3 40 ✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
in Peaks, Angle <del>E or F</del> .....	4 1/2	3 40 ✓	INNER BOTTOM PLATING.		
iameter and Spacing of Rivets through Frame and Shell Plating amidships .....	3/4	-5 1/4 ✓	Breadth and thickness of Middle Line Strake...		
ate if Frame Joggled.....		No ✓	Thickness of remainder in Holds .....		
re 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?.....		
re the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....		YES ✓	BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in	6	3 44 ✓
ors, Depth and thickness at mid-line in Holds.....	14	x 36 ✓	"    "    Wells, Angle, <del>E or F</del> .....		
Height of Brackets at side above base line at toe of frame.....		40 in m/c spaces ✓	"    "    in way of Bridge, Angle, [ or ] .....		
iddle Line Keelson, on Floors, Angles, [ or ] .....	12 x 3 1/2	x 30 45 lbs. ✓	Spacing <del>on</del> alternate frames ✓		
"    "    Through Plate or Inter-costal Plate .....		-50 in E.R. ✓	Lower forward Second Deck, amidships, Angle, <del>E or F</del> .....	4 1/2	3 32 ✓
"    "    Foundation Plate on Floors .....		✓	Spacing <del>on</del> alternate frames ✓		
"    "    Flat Plate Keel Angles .....		✓	Lower aft Third Deck, amidships, Angle, <del>E or F</del> .....	4	3 30 ✓
de Keelsons, No. each side.....	one	✓	Spacing <del>on</del> alternate frames ✓		
"    "    thickness of Inter-costal Plate.....	5	4 42 ✓	Fourth Deck, amidships, Angle, [ or ] .....		
"    "    Angles <del>in B.R.</del> .....	5	4 46 ✓	Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, [ or ] .....		
Solid Floors, thickness and spacing .....			Spacing.....		
"    "    Are Frame and Reversed Frame joggled? .....			Bridge Deck, Angle, [ or ] .....		
Bracket Floors, breadth and thickness at middle line .....			Spacing.....		
"    "    breadth and thickness at margin plate.....			Forecastle Deck, Angle, <del>E or F</del> .....	6	3 44 ✓
			Spacing <del>on</del> alternate frames ✓		



# 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			
"	"			If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing				Stringer Plate, breadth and thickness			
Plating, thickness of				If Plated, state thickness			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells	24 x 36 .32			If Plated, state thickness			
"	in way of galleys	.38		Poop Deck.			
"	"			Stringer Plate, breadth and thickness			
"	in way of Bridge	54 x 30		Plating, Sheathing, material and thickness			
"	R.G.D.			Bridge Deck.			
"	Angle in Wells	3 3 .36		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells		.36		Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge				Forecastle Deck.			
Thickness of Plating within line of openings				Stringer Plate, breadth and thickness	24 x 26		
If Sheathed, material and thickness	Douglas fir 3"			Plating			
Second Deck.				Plating, Sheathing, material and thickness			
Stringer Plate, breadth and thickness in Wells	15" x 30			" in way of windlass	Douglas fir 2 1/2"		

# SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.		Diam.
	Inches.	Inches.	Inches.	Inches.		SINGLE OR DOUBLE.	Inches.	Inches.	Inches.	Inches.		
Flat Plate Keel	✓											
Garboard Strake	32	44	44	44		double	5 per space	3/4 ex. p. rivs.	Two	3/4	25/8	strapped
" (if any)												
Bottom Plating, No. of Strakes	52	375	375	375								lapped
Bilge Plating, No. of Strakes	48	375	375	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								lapped
Strake below Sheer-strake in Bridge	50	50										
at galleys	✓											
Poop Side Plating	✓											
Bridge Side Plating	✓											
Forecastle Side Plating	✓		26	✓								

# 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

# FORGINGS AND CASTINGS.

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	FR. 46 x 63	28	6 x 3 x 32 BA. 30	✓	✓
" Second					
" Third					
" Holds					
COLLISION (in Hold)	FR. 44	30	5 x 3 x 38 9A	24	3 x 3 x 38
AFTER PEAK	stepped FR. 14	26	3 1/2 x 3 x 5/16	30	
	FR. 4	38	5" x 2" x 36	24	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Plates: Corus Iron Co; Appleby-Frodingham
	Sections: Skinningrove I.S.C.; Dorman Long; Cargo Fleet & Co.
	Has the Steel been tested as required by the Rules?
	Yes.







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-nose' 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 Builder's yard No. 758 "ST. BOTOLPH" (Hull Report No. 53346)  
Forging Reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Stiffening to plate stem, bunker tunnel stiffeners, tie plate butts, after cabin flat & f.w. tanks below are welded in accordance with approved plans.  
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. 20	A.E.G.	7687	8. 11. 45
2nd "	4. 0. 20	A.E.G.	7724	15. 11. 45
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 74.6 ft., Bridge ☒ ft., Forecastle 23.5 ft.

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

Official No. 180473 Signal Letters Extreme Breadth over Belting 25'-4 1/2" (Circ. 1611) Over-all Length 148'-0" (Circ. 1703) ☒

No. and Material of Decks One wood deck with steel stringers & tie plates

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 tops 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. 3484

Date 24. 3. 45.

Dates of Surveys held while building

1945. Oct 19. 31. Nov. 12. 30, Dec. 8. 11. 21.  
1946. Jan 3, 15, 30. Feb. 6.



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