

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office 30 APR 1930

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *25<sup>th</sup> April 1930* Port of *HULL* No. *40784*  
Survey held at *Beverley & Hull* Date First Survey *31 Decr. 1929* Last Survey *23 April 1930*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *Single screw ketch "MALMATA" having machinery aft.*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Steam ketcher.*State Type of Erections *Gr. Ph. & Fc.*TONNAGE under *329.39*  
Tonnage Deck...CLASS *100 A1*State if with freeboard *No*  
as condition of ClassBuilt 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 (1c) *L 140.0*Launched *20-3-30* Yard No. *543*

Total

Breadth (greatest moulded) *B 24.5*Builders *Cook, Welton & Gemmell, Ltd.*Gross Tonnage *355.68*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*Owners *Malmata Fishing Co., Ltd.*Register Tonnage *169.13*1st Longitudinal Number (L x D) *= 1960*Managers *✓*

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

## REGISTERED DIMENSIONS.

FEET.

Length

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

Breadth

*24.7*Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel *10.*

Depth

*13.2*Draught Moulded *13-5<sup>3</sup>/<sub>4</sub>"*Residence *Grimsby*Port of Registry *Grimsby*

If surveyed while building, afloat, or in dry dock

*B. & A.*

## 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	<i>20 4 21</i>		Bracket Floors, Frame		
" " from <i>1/2</i> length to Collision bulkhead	<i>17</i>		" " Reversed Frame		
" " in peaks	<i>17 4 21</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E or F</i>	<i>4 1/2 3 8/10</i>		" " top Angles		
" " Extends up to	<i>deck</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 3 3/8</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>across floor</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder <i>Where no concrete</i>			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E or F</i>			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle <i>E or F</i>	<i>4 1/2 3 8/10</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>3/4 5 1/4</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>No</i>		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 12, state system and particulars)	<i>12 closer frame spacing &amp; rivetting. Lower deck stringers &amp; beams.</i>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars			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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>17 36</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	<i>6 3 44</i>	
Height of Brackets at side above base line at toe of frame	<i>flat topped.</i>		" " in way of Bridge, Angle, <i>E or F</i>	<i>✓</i>	
Middle Line Keelson, on Floors, Angles, <i>E or F</i>	<i>12 3 1/2 2</i>		Spacing	<i>alt. frames</i>	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, <i>E or F</i>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>E or F</i>		
Side Keelsons, No. each side	<i>5 4 7/16</i>		Spacing		
" " thickness of Intercostal Plate	<i>✓</i>		Fourth Deck, amidships, Angle, <i>E or F</i>		
" " Angles <i>side stringer</i>	<i>5 4 7/16</i>		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E or F</i>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E or F</i>	<i>4 3 3/8</i>	
			Spacing	<i>30</i>	



# 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.
<b>PILLARS, No. of Rows.....</b>			1		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 „ „			3 or built equivalent		Thickness of Plating within line of openings...				
„ „ „ „ „					If Sheathed, material and thickness .....				
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of .....					If Plated, state thickness.....				
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b>					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	30	36			If Plated, state thickness .....				
„ „ „ „ in way of Bridge	✓				<b>Poop Deck.</b>				
„ Angle in Wells .....	3	3 3/8			Stringer Plate, breadth and thickness .....				
Thickness of Plating abreast Deck openings in way of Wells .....	10	36			Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge <b>E &amp; B</b> .....	30				<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...	30	4	43		Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness .....	3	P.P.			Plating, Sheathing, material and thickness ...				
<b>Second Deck.</b>					<b>Forecastle Deck, Whalebacks</b>				
Stringer Plate, breadth and thickness in Wells...	✓				Stringer Plate, breadth and thickness.....	.31			
					Plating, Sheathing, material and thickness ...	.31			

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.
A <del>Flat Plate Keel</del> <i>gar.</i>	32	7/16	6/16	6/16		Double	1	5	2	3/4	2 5/8
B „ <del>Deck (if any)</del>	52	6/16	6/16	6/16		„	3/4		„	„	laps
C BOTTOM PLATING, No. of Strakes .....	51 1/2	6/16	6/16	6/16		„	„		„	„	„
D BILGE PLATING, No. of Strakes .....	50 1/2	6/16	6/16	6/16		„	„		„	„	straps
E SIDE PLATING, No. of Strakes .....	51	7/16	6/16	6/16		„	„		„	„	laps
F <del>Upper Deck, Sheer-strake in Wells.....</del>	51 1/2	6/16	6/16	6/16		„	„		„	„	„
G <del>Upper Deck, Sheer-strake in Bridge ...</del>	42	8/16	7/16	7/16		„	„	6 per frame space	„	„	straps
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.31								

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>				
Extending to Upper Deck (Sec. 3 c)	4			
„ Deck next below	✓			
As per Rule	3			
	Plating Thickness.	STIFFENERS.		
		VERTICAL.	HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.
<b>MIDSHIP BULKHD, Upper tween decks</b>				
„ „ Second „				
„ „ Third „				
„ „ Holds .....		28x30 5 1/2 x 3 1/4	30 3 x 3 3/8	48
<b>COLLISION</b> „ (in Hold) .....		30x26 4 x 3 3/4	24	none
<b>AFTER PEAK</b> „ „ .....		26x 3/8 4 x 3 3/4	24	„

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>	rolled	8x2	Frodinham	
<b>STEM .....</b>	„	„	„	
<b>STERN FRAME</b> { Propeller Post .....	F.S.Ste	6x3 1/4	Emerson	
{ Rudder „ .....	„	„	Walker	
<b>RUDDER—AxD.....</b>	42.5x	2.13	= 90	
<b>Speed of Vessel.....</b>	Under	12 1/2		
<b>RUDDER</b> mainpiece at head .....	F.S.Ste	5 1/2	Emerson	
„ „ heel .....	„	4x3	Walker	
„ how constructed .....	stock, bow	stems in one piece.		
„ double or single plate .....	30			
„ 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 steel.*  
*South Durham Steel & Iron Co., Ltd. — Conssett Iron Co., Ltd. — Cargoe Fleet Iron Co., Ltd. —*  
*Frodinham Iron & Steel Co., Ltd. — Appleby Iron Co., Ltd. —*  
 Has the Steel been tested as required by the Rules? *Yes*



EQUIPMENT No. 5390										LETTER <i>P</i>	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
45238	1st Bower	8	1	12	None	10	0	0	0	8 1/4	Breadumplit Not stated Crad. H. 24-3-30. Paul
45239	2nd "	7	2	14	"	9	15	3	21	7 1/2	" " " "
	3rd "										" " " "
	Collective weight.										" " " "
45242	Stream	3	1	14	3 1/2	5	16	2	7	3 1/4	Rodger " " " "

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.	Statutory.	Breaking.	Supplied.	Per Rule.			Length.	Diam.					Length.	Clr.		Length.	Clr.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
44325	120	1 1/8	22 3/4	34 1/8	78-0-5			77-3-0	120	1 1/8	Stud Link	Kingley & Sons	Cradley Heath	TOWLINE...	60	6		60	6	
													24-3-30. Paul	HAWSERS & WARPS }	60	5		60	5	
Iron Stream Chain or Steel Wire }		Clr.								Clr.				"	✓					
	✓													"	✓					
														"	✓					

Steering Gear, Steam *Amos & Smith's Steam & Hand* Steering Gear, Hand *killer for relieving tackles.*

Boats *1 wooden lifeboat* Steering Chains, Size and Test *7/8* Windlass *Doig Steam & Hand*

Ceiling in Holds, thickness and material *2 1/4 P.P. & cement.* Cargo Battens, thickness, material and spacing *cork with 1/2" cement.*

Cargo Hatchways.—(Upper Deck) *Steel plate coaming* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *2'10" x 3'3"* No. 2 *3'3" x 3'3"* No. 3 *3'3" x 3'3"* No. 4 *3'3" x 3'3"* No. 5 *3'3" x 3'3"* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *None*

COOK, WELTON & GEMMELL, LTD.,

Builder's Signature *Alfred Linton* Secretary & Director

GENERAL DECLARATION

*Forged when the health of the vessel was not good*

The amount of Entry Fee ..... £ *3 : 0 : 0* Fees applied for, *29 April 1930*

Special Survey Fee.... £ *35 : 12 : 0* Received by me, *13/5/30*

Travelling Expenses, if any £ *4 : 4* I am of opinion the Vessel should be Classed *100A1*

Freeboard *1 : 13 : 4* *yes* *Steam Trawler*

State whether the Vessel has been built under Special Survey *yes* Signature *A. Demarest*

Certificate to be sent to *Shell* Date of issue *15/5/30.* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 2 MAY 1930*

Character assigned *+ 100A1*

*Steam Trawler*

*Lloyd's A & C.P.* *+ L.M.C. 4-30*

*C.L.*

The Surveyors are requested not to write on or below the Committee's Minute.



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.)

This hawler has been built in accordance with the approved plans forwarded herewith, with the Secretary's letters and otherwise with the Society's Rules. The material & workmanship appear to be satisfactory. The two peaks, the after watertight flat, the decks, gutterways, casings, hand pumps, windlass, steering gear & watertight door have been tested.

The approved plans are —  
Midship Section. Profile and Decks.  
Stern Frame & Rudder. Pumping Arrangement.  
The launch of this vessel was witnessed and was apparently quite satisfactory.  
Although this vessel is classed as a hawler, she is not fitted with fallows, but has a line-fishing winch and will be employed as a liner.

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

1st Bower  
2nd "  
3rd "

Forged open hearth ingot steel.  
" " " " "  
" wrought iron.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D.  $\frac{7}{8}$  ft., Bridge ☒ ft., Forecastle  $21$  ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book)  $1$  Sh.

Official No.  $160984$ , Signal Letters

Is bottom of Vessel coated with cement  $yes$  if not give

particulars of composition ☒

#### PARTICULARS OF WATER BALLAST.—

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,		
			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.  $2945$

Date  $1$  Jan'y 1930.

Dates of Surveys held while building

$1929$  Dec 31.  $1930$  Jan'y 13. 20. 23. 28. Feb'y 4. 10. 17. 20. 24. Mar 6. 10. 18. 20. 24. 25. 28. Apr 10. 17. 22. 23.

Total No. of Visits  $21$ .

Lloyd's Register Foundation