

STEEL STEAMER ~~OF~~ MOTORSHIP.

Received at London Office 20 SEP 1933

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YesDate of completion of report 15<sup>th</sup> September 1933 Port of Hull No. 44054  
Survey held at Selby & Hull Date First Survey 4<sup>th</sup> May 1933 Last Survey 12<sup>th</sup> Sept. 1933On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Ketch Lord LloydState Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) ✓ State Type of Erections RefrigeratorTONNAGE under Tonnage Deck 347.87 CLASS +100A1 State if with freeboard as condition of Class Yes Built at SelbyDo. 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) 150'-0" Launched July 10<sup>th</sup> 1933 Yard No. 1115Total 347.87 Breadth (greatest moulded) B 25'-6" Builders Cochrane & Sons Ltd.Gross Tonnage 396.32 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'-6" Owners Petering & Haldane's Steam Trawling Co., Ltd.Register Tonnage 153.18 1st Longitudinal Number (L x D) = 2175 Managers ✓  
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓ Residence St. Andrews St. Hull.Length 150.5 Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓ Port of Registry Hull.Breadth 25.65 Do. Long Bridge to top of keel ✓ If surveyed while building, afloat, or in dry dockDepth 13.65 Draught Moulded ✓ while building & afloat.

## 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.
<b>FRAMES, Spacing amidships</b> .....	<u>20</u>		<b>Bracket Floors, Frame</b> .....		
" " from length to Collision bulkhead.....	<u>16</u>		" " Reversed Frame.....		
" " in peaks.....	<u>19</u>		" " Vertical Struts.....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle <u>5 3 40</u>			" " top Angles.....		
" " Extends up to <u>deck</u>			" " bottom Angles.....		
Reversed Frame Amidships, Angle <u>3 3 38</u>			<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to <u>across floors</u>			<b>Margin Plate</b> depth (excl. of flange) and thickness.....		
Depth of Framing Girder.....	<u>5</u>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem.....		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>✓</u> or <u>✓</u> .....			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem.....		
" " Second 'tween Decks, Angle, <u>✓</u> or <u>✓</u> .....			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third " " " ".....			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
Framing in Peaks, Angle <u>5 3 40</u>			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	<u>3/4" 5/16"</u>		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled.....	<u>no</u>		Breadth and thickness of Middle Line Strake ...		
<b>PANTING ARRANGEMENTS</b> (Sec. 12, state system and particulars) <u>18" Stinger plate</u>			Thickness of remainder in Holds.....		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars.....	<u>Midship Scantlings</u>		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?.....		
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds.....	<u>18 .38</u>		Uppermost Continuous Deck, amidships in Walls, Angle, <u>✓</u> or <u>✓</u> .....	<u>6 3 45</u>	
Height of Brackets at side above base line at toe of frame.....	<u>none</u>		" " in way of Bridge, Angle, <u>✓</u> or <u>✓</u> .....		
Middle Line Keelson, on Floors, Angles, <u>✓</u> or <u>✓</u> .....	<u>12 1/2 12 1/2 12 1/2</u>		Spacing.....	<u>alternate</u>	
" " Through Plate or Intercoastal Plate.....	<u>✓</u>		<b>Second Deck, amidships, Angle, <u>✓</u> or <u>✓</u>.....</b>		
" " Foundation Plate on Floors.....	<u>✓</u>		Spacing.....		
" " Flat Plate Keel Angles.....	<u>✓</u>		<b>Third Deck, amidships, Angle, <u>✓</u> or <u>✓</u>.....</b>		
Side Keelsons, No. each side.....	<u>one</u>		Spacing.....		
" " thickness of Intercoastal Plate.....	<u>✓</u>		<b>Fourth Deck, amidships, Angle, <u>✓</u> or <u>✓</u>.....</b>		
" " Angles.....	<u>5 4 46</u>		Spacing.....		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, <u>✓</u> or <u>✓</u>.....</b>		
Solid Floors, thickness and spacing.....			Spacing.....		
" " Are Frame and Reversed Frame joggled?.....			<b>Bridge Deck, Angle, <u>✓</u> or <u>✓</u>.....</b>		
Bracket Floors, breadth and thickness at middle line.....			Spacing.....		
" " breadth and thickness at margin plate.....			<b>Forecastle Deck, Angle, <u>✓</u> or <u>✓</u>.....</b>		
			Spacing.....		

## 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</b> , No. of Rows.....	one		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' to Suit		Thickness of Plating within line of openings...		
„ „ „ „ „	arrangements		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	50 x 31 - 30 x 31	✓	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 .....	35 x 31	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge .....	38 x 32	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	5' x 3' P.P.	✓	Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck.</b> Whaleback		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	31	✓
			Plating, Sheathing, material and thickness ...	28	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
Starboard	32	.50	.50	.50	✓	double	3/4	5 Rows F.R.	three	3/4	278	strapped
PLAT PLATE KEEL .....												
" DBLG. (if any)		.43	.43	.43	✓	"	"	"	two	"	"	lapped
BOTTOM PLATING, No. of Strakes .....		.40	.375	.375	✓	"	"	"	"	"	"	"
BILGE PLATING, No. of Strakes .....		.40	.375	.375		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes .....		.43	.375	.375	✓	"	"	"	three to two	"	"	"
UPPER DECK, Sheer- strake in Wells .....	36	.625	.50	.50		"	"	"	three	"	"	strapped
UPPER DECK, Sheer- strake in Bridge ...						"	"	"				
STRAKE BELOW Sheer- strake in Wells .....		.40	.375	.375	✓	"	"	"	three to two	"	"	lapped
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ...			.31		✓							
FOREO'TLE SIDE PLATING			.40		✓	single	"	"	one	"	"	strapped

## 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.
<b>MIDSHIP BULKH'D,</b> Upper tween decks						
"	"	Second	0	38'-26	3 x 3 x 30	30'
"	"	Third	49	40'-26	5 3/4 x 3 x 30 L	30'
"	"	Holds	72	38'-26	5 3/4 x 3 x 30 L	30'
<b>COLLISION</b>		(in Hold)	91 1/2	38'-28	5 3/4 x 3 x 30 L	24'
<b>AFTER PEAK</b>			6 x 15	43'-28	4 x 3 x 14	24'
				-26	3 x 3 x 3	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	<i>Rolled</i>	<i>7 1/2 x 15/8</i>		
<b>STEM</b> .....	<i>"</i>	<i>"</i>		
<b>STERN FRAME</b> { Propeller Post .....	<i>forging</i>	<i>7 3/4 x 3 1/2</i>	<i>Forster</i>	
{ Rudder .....		<i>6 x 3 1/2</i>		
<b>RUDDER—A x D</b> .....		<i>✓</i>		
<b>Speed of Vessel</b> .....		<i>12 Knots</i>		
<b>RUDDER</b> <i>Center</i> mainpiece at head ...		<i>6' dia</i>		
" " heel ...				
" how constructed .....	<i>plates &amp; angles, type approved 8/3/33.</i>			
" double or single plate				
" coupling, vertical or				
" horizontal .....	<i>vertical</i>			

STEEL.

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

*Corsett & Co. Ltd. So. Durham S. & I. Co. Ltd.*

*Dorman, Long & Co. Ltd.*

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

EQUIPMENT No. <i>6000</i>										LETTER <i>r</i> ✓		ANCHORS.								
Number of Certificate.	Anchors.	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.									
<i>47212</i>	1st Bower ...	<i>8</i>	<i>3</i>	<i>14</i>				<i>✓</i>				<i>11</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>Cwts.</i>	<i>8 3/4</i>	<i>Dreadnought (SH class)</i>	<i>P. Taylor &amp; Sons</i>	<i>C.H. 17/5/33; Paul.</i>
<i>47213</i>	2nd " ...	<i>8</i>	<i>2</i>	<i>2</i>				<i>✓</i>				<i>10</i>	<i>12</i>	<i>2</i>	<i>0</i>	<i>8 1/4</i>	"	"	"	"
	3rd " ...																			
	Collective weight.	<i>17</i>	<i>1</i>	<i>16</i>												<i>17</i>				
<i>47133</i>	Stream .....	<i>3</i>	<i>2</i>	<i>10</i>	<i>-</i>	<i>3</i>	<i>18</i>		<i>6</i>	<i>0</i>	<i>3</i>	<i>21</i>				<i>3 1/2</i>	<i>6rdy. Forge W.I.</i>	<i>not stated.</i>	"	"

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.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
48380	120	1 3/16	25 3/8	38	86	3	14 1/2	87	120	1 3/16	Steel	not stated	C.H.; 23/5/33, Paul.	TOWLINE ...					
Iron Stream Chain or Steel Wire		Cir.								Cir.				HAWSERS & WARPS }	60	6		60	6
		✓								✓					"	60	5 3/4		60

Steering Gear, Steam *"Oilhydraulic"* *Pennell & Son of Hull.* Steering Gear, Hand *efficient*

Boats *good* Steering Chains, Size and Test *none* Windlass *efficient*

Ceiling in Holds, thickness and material *2 1/2"* Cargo Battens, thickness, material and spacing *close lined*

Cargo Hatchways.—(Upper Deck) *Steel plates.* Thickness of Hatches *7 1/2"*

Size of No. 1 Hatchway (Forward) *1* No. 2 *1* No. 3 *1* No. 4 *1* No. 5 *1* No. 6 *1*

Number of Shifting Beams and/or Fore and Afters *1*

FOR COCHRANE & SONS, LTD.

Builder's Signature *D. M. Cochrane* DIRECTOR

GENERAL DECLARATION *This trawler has been built in accordance with the approved plans and Society Rules. The workmanship and materials appear to be satisfactory. The peaks, watertight flat, decks and gulleys, casings and hand pumps have been tested. The approved plan profile and deck, midship section, stem frame and Oerly rudder, and main stem are forwarded herewith and we shall be glad if you will return these plans as similar work is under construction.*

The amount of Entry Fee ..... £ *3 : 0 : 0* Fees applied for, *19 SEP 1933*

Special Survey Fee .... £ *39 : 12 : 0* Received by me, *239 19 33*

Travelling Expenses, if any £ *2 : 4 : 6*

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

State whether the Vessel has been built under Special Survey *YES*

Signature *W. Malcolm* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *HULL* Date of issue *26/9/33*

Committee's Minute *FRI. 22 SEP 1933*

Character assigned *+100A1 Steam Trawler*

*Lloyd's A & C P* *+ L.M.C. 9.33* *C.L.*

The Surveyors are requested not to write on or before 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.)

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

1st Bower  
2nd "  
3rd "

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 81 ft., R.Q.D. 81 ft., Bridge 24 ft., Forecastle 24 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)

Official No. 2016 ; Signal Letters 174 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.)		
Total capacity of double bottom			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 3016

Date

30<sup>th</sup> March 1933

Dates of Surveys held while building

1933.

May 4. 10. 23. 25. 31. June 8. 10. 16. 20. 27. July 5. 21. 25. Aug. 1. 14. 17. 24. 30. Sep. 5. 8. 9. 12.

Total No. of Visits

22