

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

Received at London Office 29 MAY 1936

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

Survey held at Selby &amp; Hull

Date First Survey

Port of

3rd February 1936

Last Survey

20th May

1936

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

Steel Single Screw Ketch

"LORD MIDDLETON"

(Indy. regd.)

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

State Type of Erections

R.R. Sh. + Ice

TONNAGE under Tonnage Deck

402.07

CLASS

+100A1

State if with freeboard

No

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

Total

402.07

Gross Tonnage

464.02

Register Tonnage

187.76

## REGISTERED DIMENSIONS.

Length

161.3

Breadth

26.65

Depth

14.15

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 160'-0"

Breadth (greatest moulded)

B 26'-6"

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

D 15'-0"

1st Longitudinal Number (L x D)

= 2400

2nd Numeral L x (B + D)

= 6640

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

/

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

/

Do. Long Bridge to top of keel

/

Draught Moulded

/

Built at

Selby.

Launched

Mar. 24<sup>th</sup> 1936 Yard No. 1155.

Builders

Coolerane &amp; Sons Ltd.

Owners

Pickering &amp; Haldanes

Managers

Steam Drilling Co. Ltd.

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

Residence

Hull.

Port of Registry

Hull.

If surveyed while building, afloat, or in dry dock

while building &amp; 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>	21		<b>Bracket Floors, Frame</b>		
" " from length to Collision bulkhead	16		" " Reversed Frame		
" " in peaks	19		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, $45^\circ$	5 3 .40 0A		" " top Angles		
" " Extends up to	deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 .38		<b>Side Girders, No. each side and thickness</b>		
" " Extends up to	across floors		<b>Margin Plate</b> depth (excl. of flange) and thickness		
Depth of Framing Girder	5		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [	/		Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, [ or [	/		" " Vertical Angle to Tank side		
" " Third " " " "	/		Bracket forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle $45^\circ$	5 3 .40 0A		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$3/4$ 5 1/4		abaft $\frac{1}{2}$ len. from stem		
State if Frame Joggled	No		" " Gussets, spacing and scantling		
<b>PANTING ARRANGEMENTS</b> (Sec. 3, state system and particulars)	Midship scantlings		forward $\frac{1}{2}$ len. from stem		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	Closer framing & riveting		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>SINGLE BOTTOM.</b>	9 x 4 x 1/16 angle stringer on face of frames		<b>INNER BOTTOM PLATING.</b>		
Floors, Depth and thickness at mid-line in Holds	18 .38		Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame	/		Thickness of remainder in Holds		
Middle Line Keelson, on Floors	12 x 4 x 4 x 40.5		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?		
" " Through Plate or Intercoastal Plate	/		<b>BEAMS.</b>		
" " Foundation Plate on Floors	/		Uppermost Continuous Deck, amidships	6 3 .40 B.A.	
" " Flat Plate Keel Angles	/		" " in way of Bridge, Angle, [ or [	/	
Side Keelsons, No. each side	one		Spacing	alternate	
" " thickness of Intercoastal Plate	/		Second Deck, amidships, Angle, [ or [	/	
" " Angle	5 4 .46 .50 in B.S.		Spacing	/	
<b>DOUBLE BOTTOM.</b>			Third Deck, amidships, Angle, [ or [	/	
Solid Floors, thickness and spacing	/		Spacing	/	
" " Are Frame and Reversed Frame joggled?	/		Fourth Deck, amidships, Angle, [ or [	/	
Bracket Floors, breadth and thickness at middle line	/		Spacing	/	
" " breadth and thickness at margin plate	/		Poop Deck, Angle, [ or [	/	
			Spacing	/	
			Bridge Deck, Angle, [ or [	/	
			Spacing	/	
			Forecastle Deck, Angle, [ or [	4 3 .40	
			Spacing	27	



# 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>	<i>one</i>		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    "    "    "    "    "    "    "    "    "    "    "	<i>3" dia. &amp; sint arrangements.</i>		Thickness of Plating within line of openings...		
"    "    "    "    "    "    "    "    "    "    "    "			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
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.....	<i>✓</i>	
Stringer Plate, breadth and thickness in Wells.....	<i>50 x 38 x 30 x 31</i>		If Plated, state thickness .....		
"    "    "    "    "    "    "    "    "    "    "    "	<i>✓</i>		<b>Poop Deck.</b>		
"    Angle in Wells .....	<i>3 3 38</i>		Stringer Plate, breadth and thickness .....	<i>✓</i>	
Thickness of Plating abreast Deck openings in way of Wells .....	<i>35</i>		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>38 x 34</i>		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
If Sheathed, material and thickness .....	<i>5 x 3 Bone of white Wood</i>		Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck. Whaleback</b>		
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>31 x 28</i>	
			Plating, Sheathing, material and thickness ..		

## 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. Diam. Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS. Diam. Spacing cr. to cr.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Inches.	Inches.	
<i>Starboard</i>											
FLAT PLATE KEEL .....	<i>32</i>	<i>.50</i>	<i>.50</i>	<i>.50</i>		<i>double</i>	<i>3/4</i>	<i>362</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Strapped</i>
"    DELG. (if any)											
		<i>.440</i>	<i>.375</i>	<i>.375</i>			<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>Lapped</i>
BOTTOM PLATING, No. of Strakes .....		<i>.43</i>	<i>.43</i>	<i>.43</i>			<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>"</i>
BILGE PLATING, No. of Strakes .....		<i>.440</i>	<i>.375</i>	<i>.375</i>			<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of Strakes .....		<i>.43</i>	<i>.375</i>	<i>.375</i>			<i>"</i>	<i>2 1/2</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells.....	<i>36</i>	<i>.625</i>	<i>.50</i>	<i>.50</i>			<i>"</i>	<i>E. W. butts</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...							<i>"</i>	<i>E. Strake part electrically welded.</i>	<i>"</i>	<i>"</i>	<i>Strapped</i>
STRAKE BELOW Sheer-strake in Wells.....		<i>.440</i>	<i>.375</i>	<i>.375</i>			<i>"</i>	<i>362</i>	<i>"</i>	<i>"</i>	<i>Lapped</i>
STRAKE BELOW Sheer-strake in Bridge ...					<i>increased 1/2" 9 allow.</i>						
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			<i>.31</i>			<i>Single</i>	<i>"</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>Strapped</i>

## WATERTIGHT BULKHEADS.

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

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				<i>rolled 7 1/2 x 1 7/8</i>
<b>STEM</b> .....				<i>" 7 1/2 x 1 7/8</i>
<b>STERN FRAME</b> { Propeller Post .....				<i>Iron 8 x 3 1/4</i>
{ Rudder .....				<i>Forging 8 x 3 1/4 Forster</i>
<b>RUDDER—A x D</b> .....				<i>143 x 14</i>
<b>Speed of Vessel</b> .....				<i>12 knots</i>
<b>RUDDER</b> mainpiece at head ...				<i>Iron 6 1/2" dia. 6 5/8 x 5</i>
"    "    heel ...				<i>Forging 3 1/4 x 5 Forster</i>
"    how constructed .....				<i>forged &amp; built</i>
"    double or single plate				<i>Double 30</i>
"    coupling, vertical or horizontal.....				<i>horizontal</i>

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process*  
*D. Roy & Co. Ltd. Consell & Co. Ltd. S. Durham & Co. Ltd. Skinning & Co. Ltd. Appleby & Co. Ltd. Forster & Co. Ltd. Cargo Fleet & Co. Ltd.*  
 Has the Steel been tested as required by the Rules? *yes.*



EQUIPMENT No. 6640										LETTER T		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.	Cwts.			
94931	1st Bower ...	10	-	-	✓			12	-	-	-	9 3/4	Dreadnht Stds.	P. Taylor & S.	N: 12/2/36: Green.
94970	2nd „ ...	9	2	5	✓			11	13	1	21	9 1/4	“ “	“ “	N: 25/2/36: Green.
	3rd „ ...														
	Collective weight.	19	2	5								19			
94971	Stream .....	3	3	26	1	-	-	6	7	2	-	3 3/4	Rodgers	“ “	N: 25/2/36: Green.

CHAIN CABLES.										HAWERS 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.	Length.	Cir.
104218	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.	Plut	not stated	N: 29/2/36: Green						
104219	14 1/2	5 1/2	13 1/2	38	10	3	7	97 3/4	135	13 1/2	"	"	"	"					
104220	14 1/2	5	"	"	10	3	7				"	"	"	"					
104221	15	"	"	"	10	3	8				"	"	"	"					
104222	14 1/2	5 1/2	"	"	10	3	22				"	"	"	"					
104223	15 1/2	"	"	"	11	0	8				"	"	"	"					
104224	15 1/2	"	"	"	11	0	24				"	"	"	"					
104225	14 1/2	5 1/2	"	"	10	3	19				"	"	"	"					
104226	14 1/2	5 1/2	"	"	11	0	5				"	"	"	"					
Iron Stream Chain or Steel Wire	13 1/2	9 1/2			98	2	23												

Steering Gear, Steam *Efficient* Steering Gear, Hand *Efficient* *Combination wire*  
Boats *one, steel, good.* Steering Chains, Size and Test *1" dia. 12 Tons.* Windlass *Steam, efficient.*  
Ceiling in Holds, thickness and material *2 1/2 P.P.* Cargo Battens, thickness, material and spacing *close lined*  
Cargo Hatchways.—(Upper Deck) *steel plate.* Thickness of Hatches *3"*  
Size of No. 1 Hatchway (Forward) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒  
Number of Shifting Beams and/or Fore and Afters ☒

FOR COCHRANE & SONS, LTD.

Builder's Signature

*W. Malcolm* DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel ☒ (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

*This vessel has been built in conformity with the approved plans and instructions and in conformity with the Rules for the class contemplated.*

*The materials and workmanship are satisfactory. No freeboard has been assigned.*

*No double bottom or other ballast tanks are fitted.*

*The fore & after peaks, w.t. flat aft, decks, casings, hand pumps, steering gear, windlass and watertight door have been tested and found satisfactory.*

The amount of Entry Fee ..... £ *3* : - : -

Fees applied for,

Special Survey Fee.... £ *46* : 8 : -

*28 MAY 1936*

Travelling Expenses, if any £ - : *16* : 3

Received by me,

*30.5 1936*

State whether the Vessel has been built under Special Survey

*Yes.*

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

*"Steam Trawler"*  
*"E. Stroke electrically welded"*

Signature

*W. Malcolm* & *J. B. Edwards*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue *17/7/36*

Committee's Minute

*TUE. 9 JUN 1936*

*FRI. 17 JUL 1936*

Character assigned

*+100A1*  
*Steam Trawler*

*Lloyd's Assoc. + Lmb. 5.36 C.L.*  
*"E. Stroke electrically welded"*  
*(part)*

The Surveyor is requested not to write on or below the Committee's Minute.



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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.)

The following plans have been approved & copies are in the London Office:—

Midship Section

Profile & Deck

Stem Frame & Rudder

Pumping Arrangements.

The following plans etc are enclosed herewith:—

Midship Section

(as built).

Profile & Deck

Surveying Reports (2)

Steel Invoices.

Steering Chain test Certificate.

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 ☒ ft., R.Q.D. 88.5 ft., Bridge ☒ ft., Forecastle 24.0 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) 18k.

Official No. 164923; 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.)		

Total capacity of double bottom

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

Order for Special Survey No. 3090

Date 13<sup>th</sup> Dec. 1935

Dates of Surveys held while building

1936:—

Feb. 3. 6. 12. 20. 22. Mar. 3. 13. 19. 23. 24. Apr. 1. 6. 20. 29.

May 5. 11. 12. 14. 20.

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Total No. of Visits

19