

STEEL STEAMER or MOTORSHIP.

Received at London Office 14 JUL 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

Port of

No. *47007*Survey held at *Selby + Hull*Date First Survey *19th March/36*Last Survey *3rd July*

1936

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

Steel Single Screw Ketch "KIRKELLA"

(Indicating aft.)

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

*Full Scantling*State Type of Erections *R.Q.D. + Fide.*

TONNAGE under Tonnage Deck...)

*387.68*CLASS *+100A1*

State if with freeboard as condition of Class

No.

Built at *Selby*

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 (1a)

*L 156'-8"*Launched *May 21st 1936* Yard No. *1159*

Total

387.68

Breadth (greatest moulded)

*B 26'-0"*Builders *Cochrane & Sons Ltd.*

Gross Tonnage

436.12

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"*Owners *J. Mann & Sons Ltd.*

Register Tonnage

*170.11*1st Longitudinal Number (L x D) = *2350*

Managers

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

2nd Numeral L x (B + D) = *6423*

REGISTERED DIMENSIONS. FEET.

Length

157.35

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

*✓*Residence *Fleetwood.*

Breadth

26.15

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

*✓*Port of Registry *Hull.*

Depth

14.15

Do. Long Bridge to top of keel

✓

If surveyed while building, afloat, or in dry dock

Draught Moulded

*✓**white 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.
FRAMES, Spacing amidships	<i>20"</i>		Bracket Floors, Frame		
" " from length to Collision bulkhead	<i>17' 6 1/2"</i>	<i>✓</i>	" " Reversed Frame		
" " in peaks	<i>A. 18' 1 1/2"</i>	<i>✓</i>	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle <i>20°</i>	<i>5 3 40 O.A.</i>	<i>✓</i>	" " top Angles		
" " Extends up to	<i>deck.</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 3 38</i>	<i>✓</i>	Side Girders, No. each side and thickness		
" " Extends up to	<i>across floors</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>5</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or [.....	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, Angle <i>20°</i>	<i>5 3 40 O.A.</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 54</i>	<i>✓</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>Midship scantlings closer framing riveting. Stringer 9x4x7/16 angle on face of frames. Addtl. keelson.</i>			Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. 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>18 x 38</i>	<i>✓</i>	Uppermost Continuous Deck, amidships in Well, Angle, [or [.....	<i>6 3 45 O.A.</i>	<i>✓</i>
Height of Brackets at side above base line at toe of frame	<i>✓</i>		" " in way of Bridge, Angle, [or [.....	<i>✓</i>	
Middle Line Keelson, on Floors, Angles	<i>12 x 4 x 4 x 40 5th</i>	<i>✓</i>	Spacing	<i>alternate.</i>	<i>✓</i>
" " Through Plate or Intercostal Plate	<i>✓</i>		Second Deck, amidships, Angle, [or [.....	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing		
" " Flat Plate Keel Angles	<i>✓</i>		Third Deck, amidships, Angle, [or [.....	<i>✓</i>	
Side Keelsons, No. each side	<i>one</i>		Spacing		
" " thickness of Intercostal Plate	<i>✓</i>		Fourth Deck, amidships, Angle, [or [.....	<i>✓</i>	
" " Angles	<i>5 4 46 50 in B.S.</i>	<i>✓</i>	Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [.....	<i>✓</i>	
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [.....	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or [.....	<i>4 3 40</i>	<i>✓</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.
PILLARS, No. of Rows.....	<i>one</i>		Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing.....	<i>✓</i>		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 to suit arrangements</i>	<i>✓</i>	Thickness of Plating within line of openings...		
„ „ „ „ „			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
Plating, thickness of	<i>✓</i>		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	<i>✓</i>	
Stringer Plate, breadth and thickness in Wells.....	<i>50x31 1/2 30x31</i>	<i>✓</i>	If Plated, state thickness		
„ „ „ „ in way of Bridge	<i>✓</i>		Poop Deck.		
„ 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>✓</i>		Bridge Deck.		
Thickness of Plating within line of openings.....	<i>38 1/2 34</i>		Stringer Plate, breadth and thickness.....	<i>✓</i>	
If Sheathed, material and thickness	<i>5x3 Borneo white wood.</i>		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck. Whaleback		
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>31</i>	
			Plating, Sheathing, material and thickness ...	<i>37 1/2 28</i>	

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.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Carboard FLAT PLATE KEEL	32	50	50	50		double	3 1/4	2 7/8	3 1/2	3/4	2 5/8	Strapped
„ DBLG. (if any)		40	37 1/2	37 1/2		“	“	“	2	“	“	lapped
BOTTOM PLATING, No. of Strakes		43	43	43		“	“	“	2	“	“	“
BILGE PLATING, No. of Strakes		40	37 1/2	37 1/2		“	“	“	2	“	“	“
SIDE PLATING, No. of Strakes		43	37 1/2	37 1/2		“	“	“	3 1/2	“	“	“
UPPER DECK, Sheer-strake in Wells	36	62 1/2	50	50		“	“	“	3 1/2	“	“	Strapped
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells		40	37 1/2	37 1/2		“	“	“	3 1/2	“	“	lapped
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			31			single	“	“	1			Strapped

WATERTIGHT BULKHEADS.

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

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>rolled</i>	<i>7 1/2 x 1 1/2</i>		
STEM				
STERN FRAME { Propeller Post	<i>Incr. forging</i>	<i>8 x 3 1/4</i>	<i>Forster</i>	
{ Rudder „		<i>8 x 3 1/4</i>		
RUDDER—A x D.....		<i>116.79</i>		
Speed of Vessel.....		<i>12 knots</i>		
RUDDER mainpiece at head ...	<i>Steel</i>	<i>6 x 4 1/4</i>	<i>Forster</i>	
„ „ „ heel ...	<i>Forging</i>	<i>3 x 4 1/4</i>		
„ how constructed		<i>forged & built</i>		
„ double or single plate		<i>double 30</i>		
„ coupling, vertical or horizontal.....		<i>horizontal</i>		

STIFFENERS.					
	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
„ Second	<i>53</i>	<i>42</i>	<i>5 x 3 x 30</i>	<i>30</i>	
„ Third	<i>53</i>	<i>38</i>	<i>3 x 3 x 30</i>	<i>30</i>	
„ „ „	<i>78</i>	<i>38</i>	<i>6 x 3 x 30</i>	<i>30</i>	
„ Holds	<i>78</i>	<i>38</i>	<i>6 x 3 x 30</i>	<i>30</i>	
COLLISION „ (in Hold)	<i>95</i>	<i>38</i>	<i>6 x 3 x 40</i>	<i>24</i>	
AFTER PEAK „	<i>6 x 17</i>	<i>43</i>	<i>4 x 3 x 40</i>	<i>24</i>	
		<i>43</i>	<i>3 x 3 x 30</i>	<i>30</i>	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<i>Dorman, Long & Co. Ltd. Appleby - Frodingham S. Co. Ltd. Skinningrove S. Co. Ltd. Co. Durham S. S. Co. Ltd. Consett S. Co. Ltd.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>

EQUIPMENT No. 6423												LETTER 'S'	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.			
35356	1st Bower ...	9	1	-		✓		11	6	3	14	✓ 9 ¹ / ₄	Byers Steel.	not stated	S. 23/12/35: Butler
35814	2nd „ ...	8	3	14		✓		11	-	-	-	✓ 8 ³ / ₄	“	“	S. 23/3/36: Butler
	3rd „ ...														
	Collective weight.	18	-	14								18			
49010	Stream	3	3	16	1	-	-	6	5	1	7	✓ 3 ³ / ₄	Ordinary	“	C.H. 21/2/36: Paul.

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.
52774	135 ^f	13/16	25 ^{3/8}	38	97.3.0			97 ^{3/4}	135	13/16	Plus	not stated	C.H.; 24/4/36. Paul.	TOWLINE...		✓		
													HAWSERS & WARPS)					
													"	60	4	"	60	6
													"	60	4	"	60	5 1/2
Iron Stream Chain or Steel Wire)													"					

Steering Gear, Steam *efficient* Steering Gear, Hand *efficient*
Boats *One good* Steering Chains, Size and Test *7/8" dia. 9/8 T.* Windlass *Steam, efficient.*
Ceiling in Holds, thickness and material *2 1/4" P.P.* Cargo Battens, thickness, material and spacing *close lined.*
Cargo Hatchways.—(Upper Deck) *Steel plates* 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 *D. H. Cochrane* 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 accordance 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 and after peaks, watertight 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, *13 JUL 1936*
Special Survey Fee.... £ 43 : 12 : - Received by me, *16.7 1936*
Travelling Expenses, if any £ 1 : 1 : 8

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 *4/9/36*

Committee's Minute

TUE. 21 JUL 1936

Character assigned

+ 100A1

Steam Trawler

Lloyd's arch + Limb 7.36



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Lloyd's Register Foundation

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 „

C.
5. 2. 1 ; J.D.; 654; 4/7/35.
5. 2. 21; J.D.; 1010; 24/2/36.
✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 86.25 ft., Bridge ✓ ft., Forecastle 25.0 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)

12k.

Official No. 164937: 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.

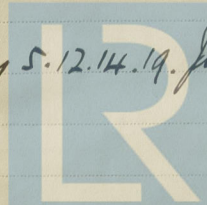
Order for Special Survey No. 3093

Date

22. 1. 36

Dates of Surveys
held while building

1936. Mar. 19. 23. 27. Apr. 1. 6. 20. 22. 23. 23. 30. May 5. 12. 14. 19. June 4. 11. 18. 23. July 2. 3.



Lloyd's Register
Foundation

Total No. of Visits

20