

STEEL STEAMER or MOTORSHIP.

16 JAN 1935

Received at London Office

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 *Hull*No. *45423*Survey held at *Selby's Hull*Date First Survey *5th September, 1934*Last Survey *7th January*

1935

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

Steel Single Screw Ketch "DRANGEY"

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

State Type of Erections *R.Q.D. & File.*

TONNAGE under Tonnage Deck...

*395.48*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 155'-0"*Launched *Nov. 2nd 1934* Yard No. *1132*

Total

395.48

Breadth (greatest moulded)

*B 25'-9"*Builders *Cochrane & Pons Ltd*

Gross Tonnage

433.51

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 *Rinovia Steam Fishing Co. Ltd*

Register Tonnage

*236.86*1st Longitudinal Number (L x D) = *2325*Managers */*

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

2nd Numeral L x (B + D) = *6316*Residence *Grimsby*

REGISTERED DIMENSIONS.

FEET.

Length

156.00

Breadth

25.9

Depth

14.15

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

Port of Registry *Grimsby*

If surveyed while building, afloat, or in dry dock

While building.

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	<i>5 3 40</i>	✓
" " from length to Collision bulkhead	<i>17 16</i>	✓	" " Reversed Frame	<i>3 3 30</i>	✓
" " in peaks	<i>20</i>	✓	" " Vertical Struts	✓	
IDE FRAMING.			W.T. Centre Girder, depth and thickness amidships	<i>3-6 x 30</i>	✓
Frame Amidships, Angle	<i>5 3 40</i>	✓	" " top Angles	<i>3 3 30</i>	✓
" " Extends up to	<i>deck</i>	✓	" " bottom Angles	<i>3 3 30</i>	✓
Reversed Frame Amidships, Angle	<i>3 3 38</i>	✓	Side Girders, No. each side and thickness	<i>one 30</i>	✓
" " Extends across floors	<i>across floors</i>	✓	Margin Plate depth (excl. of flange) and thickness	<i>Top plate 30</i>	✓
Depth of Framing Girder	<i>5</i>	✓	" " Vertical Angle to Tank side Bracket about 1/4 len. from stem	<i>flange</i>	✓
Frames in Uppermost Continuous 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>5 3 40</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>1-8" above Tank Top</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5/16</i>	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>	✓	Breadth and thickness of Middle Line Strake	<i>.30</i>	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>12' midship Scantlings 9x4 7/16' Stripper on face of frames addtl. bilge keelson closer framing & strutting</i>	✓	Thickness of remainder in Holds	<i>.30</i>	✓
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?	<i>Yes</i>	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>18 x 38</i>	✓	Uppermost Continuous Deck, amidships in way of Bridge, Angle, [or]	<i>5 3 9/16</i>	✓
Height of Brackets at side above base line at toe of frame	✓	✓	" " Spacing	<i>alternate</i>	✓
Middle Line Keelson, on Floors, Angles	<i>12 x 4 x 4 x 3/8</i>	✓	Second Deck, amidships, Angle, [or]	<i>✓</i>	✓
" " Through Plate or Intercoastal Plate	✓	✓	" " Spacing		✓
" " Foundation Plate on Floors	✓	✓	Third Deck, amidships, Angle, [or]	<i>✓</i>	✓
" " Flat Plate Keel Angles	✓	✓	" " Spacing		✓
Side Keelsons, No. each side	<i>one</i>	✓	Fourth Deck, amidships, Angle, [or]	<i>✓</i>	✓
" " thickness of Intercoastal Plate	✓	✓	" " Spacing		✓
" " Angles	<i>5 4 46</i>	✓	Poop Deck, Angle, [or]	<i>✓</i>	✓
DOUBLE BOTTOM.			" " Spacing		✓
Solid Floors, thickness and spacing	<i>18 x 38</i>	✓	Bridge Deck, Angle, [or]	<i>✓</i>	✓
" " Are Frame and Reversed Frame joggled?	<i>no</i>	✓	" " Spacing		✓
Bracket Floors, breadth and thickness at middle line	<i>.30 every</i>	✓	Forecastle Deck, Angle, [or]	<i>4 3 40</i>	✓
" " breadth and thickness at margin plate		✓	" " 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.....	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	
„ „ „ „ „ „ 3' dia.			Thickness of Plating abreast Deck openings in way of Bridge	
„ in Holds „ „ to suit arrangements			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 50 x 7/16 to 30 x 7/16			If Plated, state thickness	
„ „ „ „ in way of Bridge ✓			Poop Deck.	
„ Angle in Wells 3 3 38 ✓			Stringer Plate, breadth and thickness	✓
Thickness of Plating abreast Deck openings in way of Wells ties 38 x 38			Plating, Sheathing, material and thickness ...	
Thickness of Plating abreast Deck openings in way of Bridge ✓			Bridge Deck.	
Thickness of Plating within line of openings... 31 x .50 ✓			Stringer Plate, breadth and thickness.....	
If Sheathed, material and thickness 5' x 3' Borneo White wood. ✓			Plating, Sheathing, material and thickness ...	
Second Deck.			Forecastle Deck.	
Stringer Plate, breadth and thickness in Wells... ✓			Stringer Plate, breadth and thickness.....	31 ✓
			Plating, Sheathing, material and thickness ...	375 - 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.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Garboard FLAT PLATE KEEL	32	8/16	1/4	1/4			5/16 rivs 3/4" frame R.		362	3/4	2 5/8	Strapped
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes		7/16	6/16	6/16				2				Lapped
BILGE PLATING, No. of Strakes		7/16	6/16	6/16				2				
SIDE PLATING, No. of Strakes		7/16	6/16	6/16				3 to 2				
UPPER DECK, Sheer- strake in Wells	45	10/16	8/16	8/16				3 to 2				Strapped
UPPER DECK, Sheer- strake in Bridge ...												
STRAKE BELOW Sheer- strake in Wells		7/16	6/16	6/16				3 to 2				Lapped
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			3/4					one				Strapped

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)..... 5 ✓

„ 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	rolled	8" x 2"		
STEM	"	8" x 2"		
STERN FRAME { Propeller Post	Iron forging	8 x 3 3/4	Forster	
{ Rudder	"	8 x 3 3/4		
"Seebeck"				
RUDDER—A x D				
Speed of Vessel	Iron	12 Knots		
RUDDER mainpiece at head	Iron forging	6' dia. 5 3/8 x 5 3/8	Forster	
" " heel		3 3/4 x 3 3/4		
" how constructed		forged & built. "Seebeck"		
" double or single plate		Double	40	
" coupling, vertical or		horizontal		
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	50	42-26	6x3x34L 5x3x30L	31" ✓
"	"	Third	71	38-26	do.	30" ✓
"	"	Holds	84	38-26	do.	30" ✓
COLLISION		"	(in Hold)	91/2	38-26	4x3x30 15" ✓
AFTER PEAK		"		6x16	43- 26	4x3x30 24" ✓ 3x3x30 30" ✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process.*
Dorman Long & Co. Ltd. Appleby - Inglethorpe Ironworks Ltd. Consett Iron Co. Ltd.
Skimmingrove Iron Co. Ltd. Colvilles Ltd. St. Durham Foundry Co. Ltd. Inglethorpe Ironworks Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

Has the Steel been tested as required by the Rules?

EQUIPMENT NO. 6316 ✓												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.	qrs.				
93988	1st Bower ...	9	1	-	✓			11	6	3	14	✓	9 1/4	✓	Halls Stkless.	B. Hingley	N: 28/11/34; Green.
93951	2nd " ...	8	3	7	✓			11	-	-	-	✓	8 3/4	✓	"	"	N: 9/11/34; Green.
	3rd " ...																
	Collective weight.	18	-	7									18				
93989	Stream	3	8	7	1	-	2	6	5	1	7	✓	3 3/4	✓	(Oxy. Forge) W.I.	"	N: 26/9/34; Green.

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.	
	Fathoms.	Ins.	Tons.	Break-ing.	Supplied.	Per Rule.			Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
98939	120 1/2	1 3/16	25 3/8	38	86.3.15	87			135	1 3/16	Stud	B. Hingley	N: 9/11/34; Green	TOWLINE...					
100574	15	1 3/16	"	"	10.3.6	10 7/8								HAWSERS & WARPS					
					97.2.21	97 7/8									60 6			60 6	
															60 5 1/2			60 5 1/2	
Iron Stream Chain or Steel Wire																			

Steering Gear, Steam *Gemmell & Sons (hydraulic)* Steering Gear, Hand *efficient (hydraulic)*
 Boats *one, good* Steering Chains, Size and Test *none* Windlass *Steam, efficient*
 Ceiling in Holds, thickness and material *2 1/2" pine* Cargo Battens, thickness, material and spacing *2" 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 *M. Cochrane* DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no* 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.

The fore and after peaks, double bottom tank, w.t. flat aft, decks, casings, hand pumps, steering gear, windlass and w.t. door have been tested and found Satisfactory.

The amount of Entry Fee £ 3 : -
 Special Survey Fee.... £ 43 : 8 : -
 Travelling Expenses, if any £ 1 : 14 : 8
 Fees applied for, 15 JAN 1935
 Received by me, 17.1.1935
 Yes

I am of opinion the Vessel should be Classed

+100A1
"Steam Trawler"

Signature

H. Malcolm
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull* Date of issue *28/2/35*

Committee's Minute

FRI. 25 JAN 1935

Character assigned

+100A1
Steam Trawler.

Lloyd's A&P + Amb 1.35 CL
My

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

W1035-0154 2/2

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.)

Forging reports (2)
Steel Invoices
Profile & Deck (as built)
Midship Section

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

1st Bower	5. 2. 7 ; J.D.; 3062; 21/12/33.
2nd "	5. - . 25 ; J.D.; 3351; 17/8/34.
3rd "	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 84.9 ft., Bridge ☒ ft., Forecastle 26.5 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/DK

Official No. 162893 ; Signal Letters
Is bottom of Vessel coated with cement Yes if not give particulars of composition Whitumastic

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Name of M
Double bottom, amidships	25	40	Fore peak tank,			
Double bottom, under Engines and Boilers,			After peak tank,	10.0	4.5	
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 capacity of double bottom			(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. 3051
Date 31st August, 1934
Dates of Surveys held while building
1934.
Sept. 5, 6, 15, 19, 28. Oct. 5, 9, 16, 22, 29, 31.
Nov. 7, 8, 14, 16, 24, 28. Dec. 4, 10, 20, 24, 31.
Jan. 2, 7, 9.