

STEEL STEAMER or MOTORSHIP.

2 FEB 1929

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 *30 Jan'y 1929.*Port of *HULL.*No. *39591.*Survey held at *Delby & Hull.*Date First Survey *28 Aug*Last Survey *28 Jan'y*

1929.

On the (State Machinery fitted and if Single, Twin or Triple Screw) *Steel Single Screw Ketch "Clyne Castle" (Mch'y. aft.)*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*State Type of Erections *R. & D. & Flee.*TONNAGE under Tonnage Deck... *266.83*CLASS *+100A1*State if with freeboard as condition of Class *No.*Built at *Delby*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 130'-0"*Breadth (greatest moulded) *B 23'-10 1/2"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 13'-9"*1st Longitudinal Number (L x D) *= 1787.5*2nd Numeral L x (B + D) *= 4891*Framing Depth "d," at middle of length. See Sec. 3 (1d) *9'-4"*Proportions—Depth to Length—Uppermost continuous deck to top of keel *✓*
Do. Long Bridge to top of keel *✓*Draught Moulded *✓*Launched *Nov. 12th 1928.* Yard No. *1035*Builders *Cochrane & Sons. Ltd.*Owners *Consolidated Fisheries Ltd.*Managers *✓*

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

Residence *Grimsby*Port of Registry *Swansea.*

If surveyed while building, afloat, or in dry dock

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.
FRAMES, Spacing amidships <i>21</i>	<i>21</i>		Bracket Floors, Frame <i>✓</i>	<i>✓</i>	
" " from length to Collision bulkhead <i>17</i>	<i>17</i>		" " Reversed Frame <i>3 3 30</i>	<i>3 3 30</i>	
" " in peaks <i>20</i>	<i>20</i>		" " Vertical Struts <i>✓</i>	<i>✓</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships <i>20 30</i>	<i>20 30</i>	
Frame Amidships, Angle, E or F <i>4 1/2 3 8/20</i>	<i>4 1/2 3 8/20</i>		" " top Angles <i>3 3 30</i>	<i>3 3 30</i>	
" " Extends up to <i>deck</i>	<i>deck</i>		" " bottom Angles <i>3 3 30</i>	<i>3 3 30</i>	
Reversed Frame Amidships, Angle <i>3 3 3/8</i>	<i>3 3 3/8</i>		Side Girders, No. each side and thickness <i>one 30</i>	<i>one 30</i>	
" " Extends up to <i>across floors</i>	<i>across floors</i>		Margin Plate depth (excl. of flange) and thickness <i>30</i>	<i>30</i>	
Depth of Framing Girder <i>4 1/2</i>	<i>4 1/2</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem <i>✓</i>	<i>✓</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F <i>✓</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem <i>✓</i>	<i>✓</i>	
" " Second 'tween Decks, Angle, E or F <i>✓</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem <i>✓</i>	<i>✓</i>	
" " Third " " " <i>✓</i>	<i>✓</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem <i>✓</i>	<i>✓</i>	
Framing in Peaks, Angle or F <i>4 1/2 3 8/20</i>	<i>4 1/2 3 8/20</i>		Tank Side Brackets, height above base line at toe of Frame and thickness <i>24 30</i>	<i>24 30</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>3/4 5/16</i>	<i>3/4 5/16</i>		INNER BOTTOM PLATING.		
State if Frame Joggled <i>no</i>	<i>no</i>		Breadth and thickness of Middle Line Strake <i>30</i>	<i>30</i>	
PANTING ARRANGEMENTS (Sec. 12, state system and particulars) <i>12 Closer framing midships scantlings 15" Stringer + Closer riveting.</i>	<i>12 Closer framing midships scantlings 15" Stringer + Closer riveting.</i>		Thickness of remainder in Holds <i>30</i>	<i>30</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars <i>no</i>	<i>no</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B. & B. space and framing in Bunkers and Boiler room? <i>Yes</i>	<i>Yes</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds <i>16 6/16</i>	<i>16 6/16</i>		Uppermost Continuous Deck, amidships in Wells, Angle, E or F <i>5 1/2 3 9/20</i>	<i>5 1/2 3 9/20</i>	
Height of Brackets at side above base line at toe of frame <i>✓</i>	<i>✓</i>		" " in way of Bridge, Angle, E or F <i>5 3 10/20 BA.</i>	<i>5 3 10/20 BA.</i>	
Middle Line Keelson, on Floors, Angles <i>6 3 9/20</i>	<i>6 3 9/20</i>		Spacing <i>alternate</i>	<i>alternate</i>	
" " Through Plate or Intercoastal Plate <i>✓</i>	<i>✓</i>		Second Deck, amidships, Angle, E or F <i>✓</i>	<i>✓</i>	
" " Foundation Plate on Floors <i>✓</i>	<i>✓</i>		Spacing <i>✓</i>	<i>✓</i>	
" " Flat Plate Keel Angles <i>✓</i>	<i>✓</i>		Third Deck, amidships, Angle, E or F <i>✓</i>	<i>✓</i>	
Side Keelsons, No. each side <i>one</i>	<i>one</i>		Spacing <i>✓</i>	<i>✓</i>	
" " thickness of Intercoastal Plate <i>✓</i>	<i>✓</i>		Fourth Deck, amidships, Angle, E or F <i>✓</i>	<i>✓</i>	
" " Angle <i>5 4 40</i>	<i>5 4 40</i>		Spacing <i>✓</i>	<i>✓</i>	
DOUBLE BOTTOM, on floors			Poop Deck, Angle, E or F <i>✓</i>	<i>✓</i>	
Solid Floors, thickness and spacing <i>16 6/16</i>	<i>16 6/16</i>		Spacing <i>✓</i>	<i>✓</i>	
" " Are Frame and Reversed Frame joggled? <i>no</i>	<i>no</i>		Bridge Deck, Angle, E or F <i>✓</i>	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line <i>30</i>	<i>30</i>		Spacing <i>✓</i>	<i>✓</i>	
" " breadth and thickness at margin plate <i>30</i>	<i>30</i>		Forecastle Deck, Angle, E or F <i>5 1/2 3 9/20</i>	<i>5 1/2 3 9/20</i>	
			Spacing <i>alternate</i>	<i>alternate</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.....	2 1/2 dia		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" " in Holds " "	3 dia		Thickness of Plating within line of openings..		
" " " " " "	to Suit Arrangements.		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 7/16	✓	If Plated, state thickness		
" " " " in way of Bridge.....	✓		Poop Deck.		
" 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.....	✓		Bridge Deck.		
Thickness of Plating within line of openings....	.31	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	5 x 3 P.P.	✓	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	19 .26	✓
			Plating, Sheathing, material and thickness ...	5 x 3 P.P.	✓

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	No. of Rows of Rivets.	RIVETS.		Strapped or Lapped.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.			
Carboard Flat Plate Keel	32	9/20	8/20	8/20	/	double	3/4	3 1/2	two	3/4	2 1/8	strapped
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes		6/16	6/16	6/16	/							lapped
BILGE PLATING, No. of Strakes		6/16	6/16	6/16	/							lapped
SIDE PLATING, No. of Strakes		7/16	6/16	6/16	/							strapped & lapped
UPPER DECK, Sheer-strake in Wells	36	1 1/2			/							lapped
UPPER DECK, Sheer-strake in Bridge					/							strapped
STRAKE BELOW SHEER-strake in Wells	40	6/16	6/16	6/16	/							lapped
STRAKE BELOW SHEER-strake in Bridge					/							
POOP SIDE PLATING					/							
BRIDGE SIDE PLATING					/							
FORE'TLE SIDE PLATING					/	single			one			strapped

Total No. of W.T. BULKHEADS in Vessel - 4

Extending to Upper Deck (Sec. 3 c) - 1

Deck next below - 3

As per Rule

		Casting or Pouring.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			Rolled	7/8 x 1 5/8	Conssett & Co.
STEM					
STERN FRAME	Propeller Post		Forging	6' x 3'	Forster
	Rudder			6' x 3'	"
RUDDER—A X D.			See Balanced Reaction Rudder plan, approved 2nd/7/28		
Speed of Vessel			10 knots		
RUDDER	mainpiece at head		Forging	5"	Forster
"	"			4"	"
"	heel				
"	how constructed		forged & riveted		
"	double or single plate		single	wood sheathed	
"	coupling, vertical or horizontal		none		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process.*
Consett & Co. Ltd. B. Durham S. & L. Co. Ltd. D. Long & Co. Ltd.
D. Colvile & Sons Ltd. Cargo Fleet S. Co Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. 4891										LETTER "n".		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, E.X. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 55.		Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				Cwts.
17892	1st Bower ...	8	0	14	✓			10	5	0	0	7 1/2	Halls Type	Not States	Cff. 26/10/28: Jones
17891	2nd " ...	7	0	21	✓			9	8	0	0		"	"	
	3rd " ...												"	"	
	Collective weight.	15	1	7	✓							14 3/4	"	"	
43885	Stream	3	0	9				5	12	0	21	3	Ord. Jap. WI.		C.H. 10/8/28: D...

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.						Length and Size per Table G3.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size per Table H3.		Breaking Load Steel Wire.	Length and Size per Table I3.	
	Length.	Diam.	Statutory.	Break-ing.	Supplied.		Per Rule.	Cwts.	Fathoms.	Ins.	Fathoms.	Cir.					Fathoms.	Ins.			
					Fathoms.	Ins.														Tons.	Tons.
324	10	120	1 1/8	22 3/4	79	1	21	77 3/4	120	1 1/8	Ind	not stated	Off. 26/10/75 Jones	TOWLINE...	HAWERS & WARPS	60	5 3/4	60	5 3/4		
			Oir.												"	60	5	60	5		

Boats	one, good.	Steering Gears, Hand	efficient		
Steering Chains, Size and Test	3 1/4 dia. 10.2.2.0	Windlass	efficient		
Ceiling in Holds, thickness and material	private test.	Cargo Battens, thickness, material and spacing	close lined		
Cargo Hatchways.—(Upper Deck)	Steel plates samples	Thickness of Hatches	2 3/4		
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					

Builder's Signature [Signature] 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 double bottom tank, fore & after peaks, w.t. flat aft, deck & casings have been tested Satisfactorily.
The hand pumps & r.t. door have been tried and found satisfactory.

The amount of Entry Fee £ 3 : 0 : 0
 Special Survey Fee.... £ 30 : 14 : 0
 Travelling Expenses, if any £ 1 : 6 : 0

Fees applied for,
 1 Feb. 19 29
 Received by me,
 4. 2. 29

I am of opinion the Vessel should be Classed +100A1
 "Steam Trawler"

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to _____ Date of issue 9/2/29

Signature M. Malcolm
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 5 FEB 1923
Character assigned + 100 AM Keam Trawler

Roy's acc + Linc 1:29

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 are forwarded herewith:

- Midship Section (approved)
- Profile of Deck
- Stern Frame
- Rudder
- Rudder (as fitted)
- Water Ballast Tank (approved)
- Pumping Arrangement
- Stern Frame (approved) 1035 Ship only
- Balanced Reaction Rudder (approved)
- " " (as fitted)
- Midship Section (as built)
- Profile of Deck
- Forging Reports (2)
- Steel Invoices

Sister Vessels: "Dennard Castle" Hul. Rept. No. 39399
"Piston Castle" 39317
"Roche Castle" 39451
"Jenby Castle" 39516

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

1st Bower 4.2.3; M.B.; 2465; 19/5/1925.
2nd " 4.0.15; K.H.; 3364; 17/3/1925.
3rd " ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 76 ft., Bridge ✓ ft., Forecastle 23 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. 1

Official No. : Signal Letters

Is bottom of Vessel coated with cement Yes if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, midships under X bunker	22.75	20	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,		
Total capacity of double bottom		20	(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. 2863

Date

17.5.28

Dates of Surveys held while building

1928. Aug 24. Sept 7. 13. 21. 24. Oct 5. 19. 27. Nov 1. 8. 14. 21. 24. 30.
Dec 10. 20. 1929 Jan 2. 14. 21. 28.

Total No. of Visits 20.

For S.S.O.F. please see F.E. "Piston Castle", Hul Rept 39317