

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office 30 SEP 1936

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *23rd Sept. 1936*Port of *Glasgow*Survey held at *Swine*Date First Survey *18th Sept 1929*Last Survey *22nd Sept. 1936*No. *57480*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw S.S. "COULBEG"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantlings*State Type of Erections *Prop. Bridge & 2nd Fl.*TONNAGE under Tonnage Deck... *3393.72*CLASS *+100 A1.*State if with freeboard as condition of Class *No.*Built at *Swine*

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 351*Launched *20th Aug. 1936* Yard No. *518*

Total

Breadth (greatest moulded) *B 49.75*Builders *Ayrshire Dockyard Co. Ltd.*Gross Tonnage *3669.64*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 26*Owners *Dornoch Shipping Co. Ltd.*Register Tonnage *2253.89*1st Longitudinal Number (L x D) *= 9136*Managers *Lambert Bros. Limited.*

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

2nd Numeral L x (B + D) *= 26588.25*

REGISTERED DIMENSIONS. FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) *22.8*Residence *Glasgow*Length *352.6*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.5*Port of Registry *Glasgow*Breadth *50.25*Do. Long Bridge to top of keel *10.48*

If surveyed while building, afloat, or in dry dock

Depth *25.8*Draught Moulded *21.10**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>26</i>	<i>/</i>	Bracket Floors, Frame <i>angle</i>	<i>6 3/4 36</i>	<i>/</i>
" " from 3/4 length to Collision bulkhead	<i>26</i>	<i>/</i>	" " Reversed Frame <i>do</i>	<i>5 1/2 3 36</i>	<i>/</i>
" " in peaks	<i>24</i>	<i>/</i>	" " Vertical Struts <i>channel</i>	<i>9 x 3 1/2 x 3 1/2 38</i>	<i>/</i>
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>39 x 48</i>	<i>/</i>
Frame Amidships, <i>Angle E or F</i>	<i>11 3/4 45</i>	<i>/</i>	" " top Angles <i>double</i>	<i>3 3 46</i>	<i>/</i>
" " Extends up to <i>upper deck</i>			" " bottom Angles <i>double</i>	<i>4 4 52</i>	<i>/</i>
Reversed Frame Amidships, Angle <i>Bulk angle</i>			Side Girders, No. each side and thickness	<i>one at 36</i>	<i>/</i>
" " Extends up to <i>framing</i>			Margin Plate depth (excl. of flange) and thickness	<i>39 x 44</i>	<i>/</i>
Depth of Framing Girder <i>11"</i>			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>3 1/2 3 1/2 42</i>	<i>/</i>
Frames in Uppermost Continuous 'tween Decks, Angle E or F	<i>/</i>		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>3 1/2 3 1/2 42</i>	<i>/</i>
" " Second 'tween Decks, Angle E or F	<i>/</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>att fr. 36</i>	<i>/</i>
" " Third " " "	<i>/</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>att fr. 36</i>	<i>/</i>
Framing in Peaks, <i>Angle E or F</i>	<i>7 3 33</i>	<i>/</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>58 42</i>	<i>/</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>7/8" x 6 1/8"</i>			INNER BOTTOM PLATING.		
State if Frame Joggled <i>Yes.</i>			Breadth and thickness of Middle Line Strake	<i>1/2 x 44</i>	<i>/</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>Web frames & stringers</i>			Thickness of remainder in Holds	<i>40</i>	<i>/</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars <i>double frames add internal close riveting as approved.</i>			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>		<i>/</i>
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid line in Holds	<i>/</i>		Uppermost Continuous Deck, amidships <i>Angle E or F</i>	<i>*10 3 1/2 40</i>	<i>app. 38</i>
Height of Brackets at side above base line at toe of frame	<i>/</i>		" " in way of Bridge, <i>Angle E or F</i>	<i>*9 3 1/2 42</i>	<i>/</i>
Middle Line Keelson, on Floors, Angles, E or F	<i>/</i>		Spacing	<i>26"</i>	<i>/</i>
" " Through Plate or Intercoastal Plate	<i>/</i>		Second Deck, amidships, Angle E or F	<i>/</i>	
" " Foundation Plate on Floors	<i>/</i>		Spacing	<i>/</i>	
" " Flat Plate Keel Angles	<i>/</i>		Third Deck, amidships, Angle E or F	<i>/</i>	
Side Keelsons, No. each side	<i>/</i>		Spacing	<i>/</i>	
" " thickness of Intercoastal Plate	<i>/</i>		Fourth Deck, amidships, Angle E or F	<i>/</i>	
" " Angles	<i>/</i>		Spacing	<i>/</i>	
DOUBLE BOTTOM.			Poop Deck, Angle E or F	<i>*5 1/2 3 39</i>	<i>app. 38 o.s.</i>
Solid Floors, thickness and spacing <i>36 corr. 3" frame</i>			Spacing	<i>24"</i>	<i>/</i>
" " Are Frame and Reversed Frame joggled? <i>Yes.</i>			Bridge Deck, Angle E or F	<i>*8 3 34</i>	<i>/</i>
Bracket Floors, breadth and thickness at middle line	<i>29 1/4 36</i>	<i>/</i>	Spacing	<i>26"</i>	<i>/</i>
" " breadth and thickness at margin plate <i>29 1/4 36</i>			Forecastle Deck, Angle E or F	<i>*7 3 42</i>	<i>/</i>
			Spacing	<i>26"</i>	<i>/</i>

* NEW BRITISH STANDARD SECTIONS.

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	6" line B.H.		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing	2 3/4			Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "	52"			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds		C.L.B.H.		Thickness of Plating within line of openings	✓	
" " " " "				If Sheathed, material and thickness	✓	
Centre Line Bulkhead.				Third Deck.		
Stiffeners and Spacing	* 10 3 1/2 50 and ✓			Stringer Plate, breadth and thickness	✓	
Plating, thickness of	Spaces 52" as per plan. 30			If Plated, state thickness	✓	
STRINGERS AND DECKS.				Fourth Deck.		
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness in Wells	84 x 82			If Plated, state thickness	✓	
" " " " in way of Bridge	36			Poop Deck.		
" Angle in Wells	6 6 82			Stringer Plate, breadth and thickness	32 1/2 x 33	
Thickness of Plating abreast Deck openings in way of Wells	66			Plating, Sheathing, material and thickness	30 unsheathed	
Thickness of Plating abreast Deck openings in way of Bridge	33			Bridge Deck.		
Thickness of Plating within line of openings	39 1/2 32			Stringer Plate, breadth and thickness	78 x 44	
If Sheathed, material and thickness	not sheathed.			Plating, Sheathing, material and thickness	39 1/2 33 unsheathed	
Second Deck.				Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓			Stringer Plate, breadth and thickness	32 1/2 x 33	
				Plating, Sheathing, material and thickness	26 1/2 Sheath 22 1/2 33	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches. Inches.		Inches.	Inches.	
FLAT PLATE KEEL	4 1/2	.68	.62	.62		double	7/8 3/4	Three	7/8	3 1/2	lapped
" DBLG. (if any)					Bottom plates .62						
BOTTOM PLATING, No. of Strakes THREE		.54	.44	.44	Midship thickness 11 B.C. Strake maintained to Rule position of C.L.B.H.	double	7/8 3/4	Three	7/8	3 1/2	lapped
BILGE PLATING, No. of Strakes ONE		.54	"	"		"	"	"	"	"	"
SIDE PLATING, No. of Strakes TWO		.54	.42	.42		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells	49	.83	"	"		"	1" 3 7/8	Four	1"	4"	"
UPPER DECK, Sheer-strake in Bridge	49	.54	"	"		"	7/8 3/4	Three	7/8	3 1/2	"
STRAKE BELOW Sheer-strake in Wells	82	.69	.42	.42		"	"	Four	"	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge	82	.54	"	"		"	"	Three	"	"	"
POOP SIDE PLATING				.36		single	3/4 3"	single	3/4	2 5/8	"
BRIDGE SIDE PLATING		.53				double	7/8 3/4	Three	7/8	3 1/2	"
FORECASTLE SIDE PLATING			.39			"	3/4 3"	single	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel —	Six
Extending to Upper Deck (Sec. 3 c)	
" Deck next below	✓
As per Rule	Six

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				Flat plate keel.
STEM				Roller Steel 9x2 1/4 Portland Portland
STERN FRAME	Propeller Post	Cast 10x6 1/2	Old Frisco Co	
	Rudder	Steel 9x6 1/2	Magdalen Germany	
Speed of Vessel				10 knots
RUDDER—Type				Forging ordinary W. Somers Ltd.
" A x D				37 1/2 x 4 1/2
" Diam. of head				9"
" Mainpiece at top pintle				9"
" " heel				6 3/4"
" how constructed				Forged arms shrunk on main piece
" double or single plate coupling, vertical or horizontal				Single 1.04 Vertical

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper between decks	✓				
" " Second	✓				
" " Third	✓				
" " Holds		38 3/8	6 1/2 x 3 x 38 1/2	29 1/2	Semi-ton beam.
COLLISION (in Hold)		49 1/2	5 1/2 x 3 x 34 1/2	24	Chamberlain flat 5 semi-ton beam
AFTER PEAK		44 1/2	7 x 3 x 48 1/2	24	Semi-ton beam
			9 x 3 x 50 1/2		Small keels flat

STEEL.

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

Lanarkshire Steel Co. Ltd. : Steel Co. of Scotland.

James Dunslop & Co.

open-heart process

D. Colville & Sons Ltd.

Has the Steel been tested as required by the Rules?

Yes.

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.)

Sister vessel $\frac{5}{8}$ "COULMORE" No. 517. GLASSGOW REPORT No. 54/200.

Approved plans:—

1. Midship Section.
2. Profile & Deck Plan
3. Amended Plan.
4. Rudder.
5. Sternframe
6. Anti-wake device to Sternframe
7. Bulkheads.
8. Tunnel.
9. Cargo Stitches.
10. Pumping Arrangement.

Forging & Basting Reports.

1. Sternframe
2. Rudder
3. Tiller.

Midship Section (as built) forwarded in advance.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. D.F. (Direction finding).

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	31. 2. 4: M.K.	119: 12/6/30.	(Weight mid pin 35.0.7)
	2nd "	31-2-4: M.K.	120: 12/6/30.	do. do.
	3rd "	26-1-21: K.H.	7638: 25/2/30.	do: 29.1.7.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 27.66 ft., R.Q.D. ft., Bridge 112.66 ft., Forecastle 36 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks

one dk. (sth.)

Official No. 164092. ; 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,	99.66	220.	Fore-peak tank,	-	15.7
Double bottom, under Engines and Boilers,	-	-	After peak tank,	-	-
Double bottom, if under Engines only,	19.50	40.	Deep tank, aft,	-	-
Double bottom, if under Boilers only, Dry Tank. W.T. Comp.	14.33	-	Deep tank, forward,	-	-
Double bottom, forward,	166.83	493.	Other tanks, if fitted,	-	-
Total capacity of double bottom		783.	(If necessary, furnish further information by sketch.)		

TOTAL LENGTH OF D.B. = 303.32' * The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 2021

Date 31. 7. 29

Dates of Surveys held while building

1929 Sept.: 18 Oct.: 3 Dec.: 17.26 (1930) Jan.: 8.24.27.29 Feb.: 10.25 Mar.: 21.24
27 Apr.: 11.23.25.30 May.: 8.9.15.20.22.30 June.: 4.6.10.12.13.20.27 July.: 1.3
29 Aug.: 12.15 Sep.: 4.11 Nov.: 14 (1931) Feb.: 9 (1936) Apr.: 16 June.: 10.15.20
July.: 2.10.31 Aug.: 17.20 Sep.: 8.17.22

Total No. of Visits 51