

STEEL STEAMER or MOTORSHIP.

Received at London Office 17 FEB 1937

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 *10th February 1937* Port of *Glasgow* No. *58006*
Survey held at *Glasgow* Date First Survey *14th March 1936* Last Survey *3rd February 1937*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *Machinery aft. Single Screw Motorship "CAMEO"*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full Scantling*State Type of Erections *Pop, R 2 St. side.*TONNAGE under 666.92
Tonnage Deck...CLASS *+100 A1*State if with freeboard as condition of Class *No. 1*Built at *Glasgow*

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 199.0

Launched *2nd Dec. 1936* Yard No. *979P*

Total 666.92

Breadth (greatest moulded)

B 32.5

Builders *A. & J. Inglis Limited*

Gross Tonnage 945.51

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 *Wm. Robertson*

Register Tonnage 504.34

1st Longitudinal Number (L x D) = 2985

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

2nd Numeral L x (B + D) = 9453

REGISTERED DIMENSIONS.
FEET.

Length 202.2

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

12.15

Residence *Glasgow*

Breadth 32.8

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

13.27

Port of Registry *Glasgow*

Depth 16.65

Do. Long Bridge to top of keel

10.47

If surveyed while building, afloat, or in dry dock

Draught Moulded 14.8

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	22 1/2	/	Bracket Floors, Frame	5 3 32	4 1/2 x 3 x 34
" " from 3/8 length to Collision bulkhead	"	/	" " Reversed Frame	4 3 34	4 x 2 1/2 x 34
" " in peaks	"	/	" " Vertical Struts	5 3 32	4 1/2 x 3 x 32
SIDE FRAMING.			Centre Girder, depth and thickness amidships	35 1/4	.38
Frame Amidships, Angle, <i>Dr. Stk</i> or <i>U. Stk</i>	7 3 46	/	" " top Angles	3 3 34	/
" " Extends up to	deck	/	" " bottom Angles	3 1/2 3 40	.38
Reversed Frame Amidships, Angle	/	/	Side Girders, No. each side and thickness	one	.28
" " Extends up to	/	/	Margin Plate depth (excl. of flange) and thickness	34	.34
Depth of Framing Girder	7" x 5"	/	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 3 40	angle
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	/	/	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 4 50	76m
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	/	/	" " Gussets, spacing and scantling abaft 1/4 len. from stem	18 x 30	/
" " Third " " " "	/	/	" " Gussets, spacing and scantling forward 1/4 len. from stem	/	/
Framing in Peaks, Angle, <i>B-A</i>	6 3 30	/	Tank Side Brackets, height above base line at toe of Frame and thickness	40 x 32	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 @ 5 1/4	/	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>	/	Breadth and thickness of Middle Line Strake	42	.34
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Stinger as approved</i>	/	Thickness of remainder in Holds	/	.30
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>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?	/	/
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	/	/	Uppermost Continuous Deck, amidships	6 3 38	/
Height of Brackets at side above base line at toe of frame	/	/	" " in Wells, Angle, <i>E</i> or <i>F</i>	5 3 36	/
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	/	/	" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	22 1/2	/
" " Through Plate or Intercostal Plate	/	/	Spacing	22 1/2	/
" " Foundation Plate on Floors	/	/	Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	6 3 32	/
" " Flat Plate Keel Angles	/	/	Spacing	22 1/2	/
Side Keelsons, No. each side	/	/	Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	/	/
" " thickness of Intercostal Plate	/	/	Spacing	/	/
" " Angles	/	/	Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	/	/
DOUBLE BOTTOM.			Spacing	/	/
Solid Floors, thickness and spacing	.30 @ 45"	/	Poop Deck, Angle, <i>E</i> or <i>F</i>	6 3 38	/
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	/	Spacing	45"	/
Bracket Floors, breadth and thickness at middle line	39" x 30	/	Bridge Deck, Angle, <i>E</i> or <i>F</i>	/	/
" " breadth and thickness at margin plate	28" x 30	/	Spacing	/	/
			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	6 3 32	5 1/2 x 3 x 34
			Spacing	22 1/2	/

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.....	✓			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 „ „	✓			Thickness of Plating within line of openings...	30		
„ „ „ „ „ „	✓			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. U. & R.	6 3/2	48	✓	Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells				If Plated, state thickness	✓		
„ „ „ „ in way of Bridge	✓			Poop Deck.			
„ Angle in Wells	4 4	52	✓	Stringer Plate, breadth and thickness	32	✓	
Thickness of Plating abreast Deck openings in way of Wells	✓			Plating, Sheathing, material and thickness ...	30/28-2 1/2 PP.	✓	
Thickness of Plating abreast Deck openings in way of Bridge	30		✓	Bridge Deck.			
Thickness of Plating within line of openings... in poop	30		✓	Stringer Plate, breadth and thickness.....	✓		
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness ..	✓		
Second Deck. Raised Dr. & R.	54 1/2	48	✓	Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...				Stringer Plate, breadth and thickness.....	30	✓	
				Plating, Sheathing, material and thickness ..	30	✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>no</i> ✓		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.								
FLAT PLATE KEEL	<i>40</i>	<i>62</i>	<i>52</i>	<i>50</i>	<i>.50</i> ✓	<i>Double</i>	<i>7/8</i>	<i>3 3/4</i>	<i>Treble</i>	<i>7/8</i>	<i>3 1/8</i>	<i>strapped</i> ✓
„ DBLG. (if any)	✓											
BOTTOM PLATING, No. of Strakes		<i>42</i>	<i>40</i>	<i>38</i>	<i>.38</i> ✓	<i>"</i>	<i>3/4</i>	<i>3 3/4</i>	<i>"</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i> ✓
BILGE PLATING, No. of Strakes		<i>42</i>	<i>36</i>	<i>36</i>	<i>.38</i> ✓	<i>"</i>	<i>3/4</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i> ✓
SIDE PLATING, No. of Strakes		<i>38</i>	<i>34</i>	<i>34</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>strapped</i> ✓
UPPER DECK, Sheer- strake in Wells <i>in way of R. 2. Stk.</i>	<i>52</i>	<i>80</i>	<i>36</i>		<i>50</i> ✓	<i>"</i>	<i>1</i>	<i>3 3/4</i>	<i>Quad.</i>	<i>1</i>	<i>4</i>	<i>lapped</i> ✓
UPPER DECK, Sheer- strake in Bridge ...	✓	<i>56</i>		<i>36</i>		<i>"</i>	<i>7/8</i>	<i>3 3/4</i>	<i>Treble</i>	<i>7/8</i>	<i>3 1/8</i>	<i>"</i> ✓
STRAKE BELOW Sheer- strake in Wells <i>in way of R. 2. Stk.</i>		<i>62</i>	<i>36</i>			<i>"</i>	<i>3/4</i>	<i>3 3/4</i>	<i>"</i>	<i>7/8</i>	<i>"</i>	<i>"</i> ✓
STRAKE BELOW Sheer- strake in Bridge ...		<i>44</i>		<i>34</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i> ✓
POOP SIDE PLATING				<i>38</i>	✓	<i>Single</i>	<i>3/4</i>	<i>"</i>	<i>Double</i>	<i>"</i>	<i>"</i>	<i>"</i> ✓
<i>R. 2. Stk. Sheer</i> BRIDGE SIDE PLATING ...	<i>50</i>	<i>48</i>		<i>36</i>	<i>49 1/2</i> ✓	<i>Double</i>	<i>7/8</i>	<i>3 3/4</i>	<i>treble</i>	<i>"</i>	<i>"</i>	<i>"</i> ✓
FOREC'TLE SIDE PLATING			<i>36</i>			<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>"</i>	<i>"</i>	<i>"</i> ✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	3
Extending to Upper Deck (Sec. 3 c)	3
„ 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				Flat plate
STEM				Roller steel bar 6" x 2"
STERN FRAME { Propeller Post	forging	6 1/4 x 4 1/4	T. S. FORSTER	✓
{ Rudder „	✓		✓	
Speed of Vessel				10 knots
RUDDER—Type				Balanced type
„ A x D				„
„ Diam. of head				4" T. S. FORSTER
„ Mainpiece at top pintle	forging	5 3/4	✓	✓
„ „ heel ...		4 1/2	✓	
„ how constructed				Forging
„ double or single plate				Double 30
„ coupling, vertical or horizontal				Horizontal

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓								
„ „ Second „	✓								
„ „ Third „	✓								
„ „ Holds		45		B.A.		30		7 x 3 x 38	30
COLLISION „ (in Hold)		42		7 x 3 x 42 B.A.		24		4 1/2 x 3 x 30 L	24
AFTER PEAK „ „		60		7 x 3 x 44		24		✓	

STEEL.

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

Colvilles Ltd. - Steel Co. of Scotland.

Has the Steel been tested as required by the Rules? yes. ✓

17 FEB 1937

EQUIPMENT No 10294													LETTER 61		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.				
49779	1st Bower ...	21	1	18				21	18	0	14	21 1/4	Stockless		LPCH 16 th Dec 1936	
49780	2nd „ ...	21	1	14				21	18	0	14	21 1/4	do.		do.	
49172	3rd „ ...	18	0	7				19	2	0	21	18	do.	P. Bykes & Son	LPCH 10 th April 1936	
	Collective weight.	60	3	11								60 1/2			do.	
49180	Stream	5	3	16	11	2	8	18	2	3	7	5 3/4	Ordinary	do.	do.	

CHAIN CABLES.										HAWSERS AND WARPS.											
Number of Certificate.	Length and size supplied.		Test per Certificate. Status- Break- ing.	WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Descrip- tion.	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.		Supplied.	Per Rule.		Length.	Diam.	Length.					Cir.	Length.		Cir.				
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
52766	75	1 3/8	51	34	73	-	1-9	203	210	1 3/8	Stand. R. Sykes & Son	LPCH 24 April 1936	SW. TOWLINE	90	3	18.6	90	3			
52767	75	1 3/8	51	34	73	-	3-13				do	do.		do.	MAN	90	6			90	6
53837	60	1 3/8	51	34	58	-	2-14				do.	do.		LPCH. 16 Dec 1936	MAN	90	5			90	5
		Cir.			205	-	3-8			Cir.											
Iron Stream Chain or Steel Wire	60	3 1/4	21.7						60	3 1/4											

Steering Gear, *Electric* *T. Reid & Sons Paisley* Steering Gear, *Hand* *Combined*

Boats *2 lifeboats & 1 dinghy* Steering Chains, Size and Test *none* *Electric Clyde Crane Co. Ltd.*

Ceiling in Holds, thickness and material *2" elm* Cargo Battens, thickness, material and spacing *Close ceiling 1 1/2" W.P.*

Cargo Hatchways.-(Upper Deck) *Steel plates & angles* Thickness of Hatches *2 1/2" Baltic pine*

Size of No. 1 Hatchway (Forward) *38-1 1/2 x 20* No. 2 *60-7 1/2 x 21* No. 3 *-* No. 4 *-* No. 5 *-* No. 6 *-*

Number of Shifting Beams *and* *Fore and Afters* *Nº 1. six* *Nº 2. ten* *(7 & B patent sliding beams.)*

A. & J. INGLIS, LIMITED

Builder's Signature *W. S. Milne* Manager

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) 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 *no* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

Oil fuel carried in two separate tanks placed in motor room. 17 1/4 tons each = 34 1/2 tons

" " " in tank built between sides of M.R. casing = 11 3/4 tons

" " " in two small settling tanks in " " 1 1/2 tons each = 3 tons

Flash point above 150°F. Requirements of Section 20 of the Rules have been complied with so far as they are applicable.

The vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in general conformity with the Rules for the Class contemplated. The materials and workmanship are good. The double bottom, peak and oil tanks have been tested under water pressure with satisfactory results. The water-tight bulkheads and weather decks have been tested as required by the Rules. The freeboard markings have been cut in on the vessel's sides and verified.

The amount of Entry Fee £ 4 : 0 : 0 Fees applied for, *16 FEB 1937* (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 94 : 12 : 0 Received by me, *20.2.37*

Travelling Expenses, if any £ 8 : 0 : 0 *23/2*

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

State whether the Vessel has been built under Special Survey *yes* Signature *A. W. Paterson*

Certificate to be sent to **GLASGOW** Date of issue *4/3/37* Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 16 FEB 1937**

Character assigned *+ 100 A1*

2, 37.

Lloyd's A & O.P.

+ L.M.C. 2, 37.

W1024-0134 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.)

- List of approved plans forwarded herewith.*
(Midship Section as built forwarded in advance.)
1. Midship Section.
 2. Longit. Section & decks.
 3. Sternframe & molders.
 4. Cargo Hatches.
 5. Aft end construction.
 6. Fore end stiffening.
 7. Main engine seating.
 8. Detail of deck breaks.
 9. Alternative ang't. in lieu of shell doublings.
 10. Detail of aft peak.
 11. Oil fuel bunkers.
 12. Manholes in fore peak bulkhead.
 13. Pumping plan.

Four forgings & castings reports.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book *Oil Eng. - Mch'y. Aft. Cruiser stern.*

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	<i>12-2-26</i>	<i>W.H.</i>	<i>5713</i>	<i>8th June 1936.</i>
	2nd "	<i>12-2-25</i>	<i>W.H.</i>	<i>5712</i>	<i>8th June 1936.</i>
	3rd "	<i>11-0-6</i>	<i>J.D.</i>	<i>3448</i>	<i>4th Oct. 1934</i>

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *53.0* ft., R.Q.D. *78.75* ft., Bridge *✓* ft., Forecastle *27.5* 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 *1 SR.*
Official No. *164109*; 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,	<i>✓</i>		Fore peak tank,		<i>88</i>
Double bottom, under Engines and Boilers,	<i>✓</i>		After peak tank,	<i>✓</i>	<i>37</i>
Double bottom, if under Engines only,	<i>✓</i>		Deep tank, aft,	<i>✓</i>	
Double bottom, if under Boilers only,	<i>✓</i>		Deep tank, forward,	<i>✓</i>	
Double bottom, forward,			Other tanks, if fitted,		
<i>Total length of D.B. 129.38</i>		<i>206</i>	(If necessary, furnish further information by sketch.)		
		<i>Total capacity of double bottom 206</i>	* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).		

Order for Special Survey No. *6291*
Date *13.3.36*

Dates of Surveys held while building
1936 Mar.: 11. 17 Apr.: 1. 7. 15. 20. 23. 28 May.: 7. 13. 20. 26 June.: 3. 8. 18. 25. 29 July.: 2. 30 Aug.: 5. 7. 13. 17. 20. 26. 28 Sep.: 2. 4. 17. 22 Oct.: 8 Nov.: 4 Dec.: 2
3. 10. 14. 24 (1937) Jan.: 6. 19. 20. 22. 25. 29 Feb.: 3

Lloyd's Register Foundation
Total No. of Visits *45*