

STEEL ~~STEAMER~~ MOTORSHIP.

009015-009020-0037 1/3

6 FEB 1935

Received at London Office

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yes

Date of completion of report

5. 2. 35

Port of GLASGOWNo. 55339

Survey held at

GLASGOW

Date First Survey

9. July 1934

Last Survey

4. July

1935

On the

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

STEEL SINGLE SCREW MOTORSHIP

SAN AMADO.

(MACHINERY AFT)

State Type

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

FULL SCANTLING

State Type of Erections

P. B. &amp; F.

TONNAGE under Tonnage Deck...

6604.34

CLASS +100 A.1.

State if with freeboard as condition of Class

No.

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

442.5

Launched 21<sup>st</sup> Nov. 1934 Yard No. 37

Total

6604.34

Breadth (greatest moulded) ..... B 60.0

Builders BLYTHSWOOD S. B. &amp; CO LTD.

Gross Tonnage

7316.34

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 32.0

Owners EAGLE OIL &amp; SHIPPING CO LTD.

Register Tonnage

4392.22

1st Longitudinal Number (L x D) ..... = 14160

Managers

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

2nd Numeral L x (B + D) ..... = 40710

Residence

## REGISTERED DIMENSIONS.

FEET.

Length

446.10

Framing Depth "d," at middle of length. See Sec. 3 (1d) ..... 28.66

Breadth

60.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... 13.83

Depth

32.00

Do. Long Bridge to top of keel

Draught Moulded ..... 25'-11 3/4"

Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock

BUILDING &amp; 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	30	✓	Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	30-28	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
" " MANY SPACE	30 3/4	✓	Centre Girder, depth and thickness amidships	60 .50	✓
IDE FRAMING.			" " top Angles	4 4 .52	✓
Frame Amidships, Angle, E or F	9 3 1/2 .38	✓	" " bottom Angles	4 4 .56	✓
" " Extends up to	UPPER DECK.	✓	Side Girders, No. each side and thickness	1 .60	✓
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	.53	✓
" " Extends up to			" " Vertical Angle to Tank side	6 6 .50	✓
Depth of Framing Girder	9	✓	" " Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, E or F			" " Bracket forward 1/2 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling	NONE	✓
Framing in Peaks, Angle or F	8 3 1/2 .35	✓	" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/4	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	96 .46	✓
State if Frame Joggled	YES	✓	INNER BOTTOM PLATING.		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAMES AND STRINGERS. DEEP FLOORS & GIRDERS. O. R. FRAMES. CLOSE SPACED RIVETING	✓	Breadth and thickness of Middle Line Strake	1 1/8	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Thickness of remainder in Holds	.51	✓
ANGLE BOTTOM.			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Tankers and Boiler Room?	YES	✓
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	LONGITUDINAL FRAMING	✓
Middle Line Keelson, on Floors, Angles, E or F			" " in way of Bridge, Angle, E or F		
" " Through Plate or Intercoastal Plate			Spacing	36	✓
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM. IN MACHINERY SPACE			Spacing		
Solid Floors, thickness and spacing	.46 EVERY FRAME	✓	Poop Deck, Angle, E or F	9 3 .48	✓
" " Are Frame and Reversed Frame joggled?	YES.	✓	Spacing	8 3 .49	✓
Bracket Floors, breadth and thickness at middle line			Spacing	EVERY FRAME	✓
" " breadth and thickness at margin plate			Bridge Deck, Angle, E or F	LONGITUDINAL FRAMING	✓
			Spacing	36	✓
			Forecastle Deck, Angle, E or F	10 3 1/2 .50	✓
			Spacing	ALT. FRAMES.	✓

## PILLARS AND DECKS.

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.		Number of Certificate.		
PILLARS, No. of Rows.....																						
" in 'tween Decks, Size and Spacing.....																					93767	
" " " " " "																					93770	
" " " " " "																					93771	
" in Holds " " " "																					93724	
" " " " " "																					Number of Certificate.	
WING Centre-Line Bulkhead, 5. Stiffeners and Spacing.....										19	3 1/2	40	✓									
										SPACED 30"												
Plating, thickness of .....												50-39	✓									
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells										84		73	✓									
" " " " in way of Bridge										84		73	✓									
" Angle in Wells .....										6	6	70	✓									
Thickness of Plating abreast Deck openings in way of Wells .....												70-48	✓									
Thickness of Plating abreast Deck openings in way of Bridge .....												70-48	✓									
Thickness of Plating within line of openings...												70-48	✓									
If Sheathed, material and thickness .....																						
Second Deck. Stringer Plate, breadth and thickness in Wells...																						
Stringer Plate, breadth and thickness in way of Bridge .....																						
Thickness of Plating abreast Deck openings in way of Wells .....																						
Thickness of Plating abreast Deck openings in way of Bridge .....																						
Thickness of Plating within line of openings...																						
If Sheathed, material and thickness .....																						
Third Deck. Stringer Plate, breadth and thickness.....																						
If Plated, state thickness.....																						
Fourth Deck. Stringer Plate, breadth and thickness.....																						
If Plated, state thickness .....																						
Poop Deck. Stringer Plate, breadth and thickness .....																36	✓					
Plating, Sheathing, material and thickness ...										30		2 1/2 P.P.	✓									
Bridge Deck. Stringer Plate, breadth and thickness.....																41	42	✓				
Plating, Sheathing, material and thickness ...										32		2 1/2 P.P.	✓									
Forecastle Deck. Stringer Plate, breadth and thickness.....																36	✓					
Plating, Sheathing, material and thickness ...																36-30	✓					

## 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	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.		
FLAT PLATE KEEL .....	52	94	73	73	✓	DOUBLE	1	4	5-4	1	4½-4	LAPPED		
" <del>Deck</del> (if any)														
BOTTOM PLATING, No. of Strakes ...4.....	77½	68	48	50	✓	DOUBLE	7/8	3½	4-3	7/8	3½-3⅝	LAPPED		
BILGE PLATING, No. of Strakes .....1.....	67	62	48	50	✓	"	"	3⅓	4-3	"	"	"		
SIDE PLATING, No. of Strakes .....3.....	76	60	46	46	✓	"	"	"	3	"	3⅛	"		
UPPER DECK, Sheer-strake in Wells.....	84	92	46	46	✓				5-3	1-7/8	4½-3⅝	"		
UPPER DECK, Sheer-strake in Bridge ...	84	92			✓				5	1	4½	"		
STRAKE BELOW Sheer-strake in Wells.....	84	66	46	46	✓	DOUBLE	7/8	3⅓	4-3	7/8	3½-3⅝	"		
STRAKE BELOW Sheer-strake in Bridge ...	84	66			✓	"	"	"	4	"	3½	"		
POOP SIDE PLATING .....				40	✓	SINGLE	"	"	2	3/4	2⅝	"		
BRIDGE SIDE PLATING ...		42			✓	"	"	3½	2	"	"	"		
FOREC'TLE SIDE PLATING			42		✓	"	3/4	3	1	"	"	"		
FORGINGS and CASTINGS.														

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 15

" Deck next below NONE

As per Rule 7

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks					
" " Second "					
" " Third "					
" " Holds .....	53-41	10 x 3 1/2 x 40 BA	36	2 SEMI-BOX BEAMS	
" " (in Hold) .....	52-33	10 x 3 1/2 x 42 BA	24	1 " " "	✓
" " AFTER PEAK .....	50-30	8 x 3 x 38 BA	24	NONE	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....				
STEM .....	ROLLED	10 x 2 5/8	LANARKSHIRE STEEL CO	
STERN FRAME { Propeller Post .....	CASTING	SPECIAL SECTION AS PER PLAN	BOCHUMER VEREIN AG	
{ Rudder " .....	"	660	"	
RUDDER—A x D .....		12 KNOTS		
Speed of Vessel .....		13 1/2 x 10 1/4		
RUDDER mainpiece at head ...		9 1/2 x 10 1/4		
" " heel ...		AS PER PLAN		
" how constructed .....		DOUBLE		
" double or single plate coupling, vertical or horizontal .....		HORIZONTAL		

STEEL.

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

COLVILLES LTD. STEEL COMPANY OF SCOTLAND OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules? YES.

Lloyd's Register Foundation

Leave out

are from  
Plans  
ed.

## HAWSERS AND WARPS.

~~Iron Stream~~  
~~Chain or~~  
Steel Wire

### Steering Gear, Steam

**rgo Hatchways.**—(Upper Deck)

Number of **Shifting Beams** and/or **Fore** and **Afters**

*Builder's Signature*

**GENERAL DECLARATION.** *It should be stated (a)*  
*an oil tanker, is fitted for carrying oil as cargo*

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in accordance with the Rules for the Class contemplated.

The materials and workmanship are good.

The bulkheads, decks, double bottom tanks, peak tanks, oil cargo tanks, oil fuel bunkers and cofferdams have been tested as required by the Rules and found satisfactory.

The steering gear and windlass have been tested under working conditions and found satisfactory. Oil fuel (F.P. above  $150^{\circ}\text{F}$ ) is carried in the double bottom in the machinery space and in oil bunkers and settling tanks between the machinery space and after copperdams.

The front end has been verified and cut in on the vessel's sides.

The vessel is stated to have struck the quay wall when leaving the James Watt dock Greenock

Post side. shell plate N° 7 in stroke below sheerstroke joined in place and 1 plate + 2 shell angles  
of after bulkhead of oil fuel tank post removed. . oil fuel tank + settling tank post side retained

amount of Entry Fee ..... £ 10 : 0 : 0

Special Survey Fee.... £ 574: 7 : 0

FREEBOARD 18' 0" 0

Travelling Expenses, if any £ : ✓ :

11

Received by me,

6.2 3

I am of opinion the Vessel should be Classed + 100 A-1.  
CARRYING PETROLEUM IN BULK  
LONGITUDINAL FRAMING AT BOTTOM AND AT DECK

State whether the Vessel has been built under Special Survey.....YES

Signature \_\_\_\_\_

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

RE STEEL CO Certificate to be sent to GLASGOW Date of issue 14/2/33

### Committee's Minute

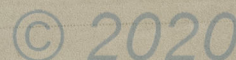
*Character assigned*

Carrying 'Scholeum in Bulk.

Longitudinal Framing at Bottom & at Deck. Lloyd's A & C.

+ L.M.C. 2,35

2DB-180lb



Lloyd's Register  
Foundation

"TAYCO" CHAIN CABLES.

Rp 1\*.

VESSEL AS BUILT.

APPROVED PLANS.

Detail of pump seats

11

Tillers

27-3-20

particulars of composition

# Longitudinal Beams of

Order for Special Survey ☒

Date 13. 2. 84

### Dates of Surveys

1934 Feb.: 9. 13. 15 Mar.: 9. 22 Apr.: 13. 16. 17. 20. 24. 25. 26 May.: 1. 3. 10. 15. 18. 23. 25. 30  
June.: 5. 11. 12. 18. 20. 25. 27. 29 July.: 4. 6. 9. 11. 24. 26. 31 Aug.: 6. 10. 14. 22. 24. 28. 30 Sep.: 3. 7. 12  
14. 19. 20. 25. 27. 28 Oct.: 1. 2. 3. 5. 8. 9. 11. 13. 15. 16. 18. 20. 22. 23. 24. 25. 26. 27. 29. 30. 31 Nov.:  
1. 2. 3. 6. 7. 8. 9. 12. 13. 16. 19. 20. 21. 23 Dec.: 6 (1935) Jan.: 9. 16. 25. 29 Feb.: 1. 4 Total No. of Visits 93

## PARTICULARS OF LONGITUDINAL FRAMING.

GLASGOW REPORT No. 555 339

6 FEB 1925

| FRAMING.  |  | AMIDSHIPS.                    |       |      | ENDS.        |       |      | AMIDSHIPS.               |       |      | ENDS.                    |       |      | RIVETING.                      |       | RIVETS IN BRACKETS TO BULKHEADS.                             |             |         |  |
|---|--|-------------------------------|-------|------|--------------|-------|------|--------------------------|-------|------|--------------------------|-------|------|--------------------------------|-------|--|-------------|---------|--|
|   |  | In Ship.                      |       |      | In Ship.     |       |      | Per Rule or as approved. |       |      | Per Rule or as approved. |       |      | Rivets in Longitudinal Frames. |       | Spacing of Rivets on each side of Transverses and Bulkheads. |             | Number. |  |
|   |  | Ins.                          | Ins.  | Ins. | Ins.         | Ins.  | Ins. | Ins.                     | Ins.  | Ins. | Ins.                     | Ins.  | Ins. | Ins.                           | Ins.  | Ins.   | Ins.        | Ins.    |  |
| Framing of $\Delta$ , $\square$ or $\square$ .....      |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| Frames in Bridge 'tween Decks ...                       |  | 7                             | 3     | .40  |              |       |      | 7                        | 3     | .40  |                          |       |      | 7/8                            | 5 1/4 |  | 7           | 7/8     |  |
| Frames from Uppermost Continuous Deck                   |  | 15 x 4 x 4 x                  |       | .62  | 15 x 4 x 4 x |       | .62  | 15 x 4 x 4 x             |       | .62  | 15 x 4 x 4 x             |       | .62  |                                |       |  | 16          |         |  |
| " 2   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       | 3/8 For 10   |             |         |  |
| " 3   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       | RIVETS EACH  |             |         |  |
| " 4   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       | SIDE OF TRANS.   |             |         |  |
| " 5   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 6   |  | 10                            | 3 1/2 | .50  | 10           | 3 1/2 | .50  | 10                       | 3 1/2 | .50  | 10                       | 3 1/2 | .50  |                                |       |  | 12          |         |  |
| " 7   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 8   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 9   |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 10  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 11  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 12  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 13  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 14  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 15  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " 16  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| Spacing of Longitudinal Frames                          |  | Amidships                     |       |      | 36           |       |      | 36                       |       |      | 36                       |       |      | 36                             |       |  |             |         |  |
|   |  | At Ends                       |       |      | 36           |       |      | 36                       |       |      | 36                       |       |      | 36                             |       |  |             |         |  |
| Double Bottoms  |  | Tank Top Longitudinals        |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| " $\Delta$ , $\square$ or $\square$                     |  | Bottom                        |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| Spacing of Longitudinals                                |  | Amidships                     |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | At Ends                       |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| Transverses.  |  |                               |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| In Bridge   |  | Depth and Thickness           |       |      | 15           |       |      | .38                      |       |      | 15                       |       |      | .38                            |       |  |             |         |  |
| " 'tween Decks  |  | Face Angles                   |       |      | 3            |       |      | 3                        |       |      | .40                      |       |      | .40                            |       |  |             |         |  |
|   |  | Lugs to Shell*                |       |      | 3            |       |      | 3                        |       |      | .40                      |       |      | .40                            |       |  | 3/4 3 3/8   |         |  |
| In Upper 'tween Decks.                                  |  | Depth and Thickness           |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | Face Angles                   |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | Lugs to Shell*                |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| In Hold.  |  | Depth and Thickness           |       |      | 40           |       |      | .44                      |       |      | 40                       |       |      | .44                            |       |  | 40 .44      |         |  |
|   |  | Face Angles                   |       |      | 6            |       |      | 3 1/2                    |       |      | .64                      |       |      | .64                            |       |  | 6 3 1/2 .64 |         |  |
|   |  | Lugs to Shell*                |       |      | 6            |       |      | 6                        |       |      | .44                      |       |      | .44                            |       |  | 7/8 4       |         |  |
|   |  | " " Back Bars                 |       |      | AS PER PLANS |       |      | AS PER PLANS             |       |      | AS PER PLANS             |       |      | AS PER PLANS                   |       |  |             |         |  |
|   |  | Brackets                      |       |      | NONE         |       |      | NONE                     |       |      | NONE                     |       |      | NONE                           |       |  |             |         |  |
| Spacing of Transverse Frames                            |  | 10'-0"                        |       |      | 10'-0"       |       |      | 10'-0"                   |       |      | 10'-0"                   |       |      | 10'-0"                         |       |  |             |         |  |
|   |  | * State if joggled or liners. |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
| Longitudinal Beams of $\Delta$ , $\square$ or $\square$ |  | Bridge Deck                   |       |      | 5 1/2        |       |      | 3                        |       |      | .30                      |       |      | .30                            |       |  | 36          |         |  |
|   |  | Upper                         |       |      | 8            |       |      | 3 1/2                    |       |      | .48                      |       |      | .48                            |       |  | 36          |         |  |
|   |  | Second                        |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | Third                         |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | Transverse Beams.             |       |      |              |       |      |                          |       |      |                          |       |      |                                |       |  |             |         |  |
|   |  | Plate.                        |       |      | 10 x 34      |       |      | 5 x 3 x 40               |       |      | 10 x 34                  |       |      | 5 x 3 x 40                     |       |  |             |         |  |
|   |  | Angle.                        |       |      | 28 x 42      |       |      | 6 x 3 1/2 x 44           |       |      | 28 x 42                  |       |      | 6 x 3 1/2 x 44                 |       |  |             |         |  |

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.