

STEEL STEAMER ~~OF MOTORSHIP~~

Received at London Office 13 JUL 1932

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

9th July 1932

Port of

Glasgow

No. 52703

Survey held at

Glasgow

Date First Survey

20th Nov 1931

Last Survey

7th July 1932

1932

On the

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

Sd. Single Screw Sr. "GAZCON"

State Type

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

C.S.S. with tonnage opening aft.

State Type of Erections

Frisle on Superstr. dk.

TONNAGE under  
Tonnage Deck...

3797.73

CLASS

+ 100 A1

State if with freeboard  
as condition of Class

yes

Built at

Linthouse, Glasgow

Launched

2nd June 1932 Yard No. 537.

Builders

Alexander Stephen &amp; Sons Ltd.

Owners

Cie. de Navigation de l'Orbigny

Managers

(Where necessary to be entered in Reg. Book)

Residence

Paris

Port of Registry

La Rochelle

If surveyed while building, afloat, or in dry dock

yes

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 394.0

Breadth (greatest moulded)

B 52.83

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

D 34.0

1st Longitudinal Number (L x D)

= 13002

2nd Numeral L x (B + D)

= 33817

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

21.25

Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel

11.58

Do. Long Bridge to top  
of keel

22.10

Draught Moulded

22.10

REGISTERED DIMENSIONS.

Length 120.30 394.7

Breadth 16.18 53.1

Depth 6.95 22.8

## 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	30 1/2	✓	Bracket Floors, Frame	B.A. 6 3/2 37	NBS
" " from 3/8 length to Collision bulkhead	27	✓	" " Reversed Frame	B.A. 5 1/2 3 37	NBS
" " in peaks	24	✓	" " Vertical Struts	Channel 9 x 3 1/2 x 3 1/2 x 38	✓
FRAMING.			Centre Girder, depth and thickness amidships	39 3/4 x 54	✓
Frame Amidships, Angle [	11 3/2 50	NBS	" " top Angles	Single 5 5 51	✓
" " Extends up to	2nd dk.	✓	" " bottom Angles	Single 5 5 57	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	one 40	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	36 1/2 x 51	✓
Depth of Framing Girder	11	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 45	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [	6 3/2 38	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 45	✓
" " Second 'tween Decks, Angle, [ or [	✓	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	continuous plate	✓
" " Third " " " "	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	40	✓
Framing in Peaks, Angle [	7 3 37	NBS	Tank Side Brackets, height above base line at toe of Frame and thickness	6 1/4 x 45	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 5 5/8	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	yes	✓	Breadth and thickness of Middle Line Strake	67 1/2 x 48	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Stingers & deep frames as appd. plan	✓	Thickness of remainder in Holds	43	✓
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	as appd. plan	✓	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?	yes.	✓
DOUBLE BOTTOM.			BEAMS.		
Keelsons, Depth and thickness at mid-line in Holds		✓	Uppermost Continuous Deck, amidships in Wells, Angle [	7 3 39	NBS
Height of Brackets at side above base line at toe of frame		✓	" " in way of Bridge, Angle, [ or [	✓	✓
Middle Line Keelson, on Floors, Angles, [ or [		✓	Spacing	every frame	✓
" " Through Plate or Intercostal Plate		✓	Second Deck, amidships, Angle [	B.A. 8 3 40	NBS
" " Foundation Plate on Floors		✓	Spacing	every frame	✓
" " Flat Plate Keel Angles		✓	Third Deck, amidships, Angle [		✓
Keelsons, No. each side		✓	Spacing		✓
" " thickness of Intercostal Plate		✓	Fourth Deck, amidships, Angle, [ or [		✓
" " Angles		✓	Spacing		✓
DOUBLE BOTTOM.			Peep Deck, Angle, [ or [		✓
Solid Floors, thickness and spacing	41 @ 9 1/2	✓	Spacing		✓
" " Are Frame and Reversed Frame joggled?	yes.	✓	Bridge Deck, Angle, [ or [		✓
Bracket Floors, breadth and thickness at middle line	2 1/4 41	✓	Spacing		✓
" " breadth and thickness at margin plate	2 1/7 41	✓	Forecastle Deck, Angle [	8 3 48	✓ NBS
			Spacing	alt. jo.	✓



## 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.
<b>PILLARS, No. of Rows.....</b>	✓		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 .....	.35 ✓	
" " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" in Holds	✓		Thickness of Plating within line of openings...	.33 ✓	
" <i>Deck girders in line with hatch sides &amp; strong H.E. beams.</i>			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	B.F. Holds 10 3½ .45 Starboard beam all frames 4½ x 3 x 30 L Holds .30 Twin sk. 26	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....			If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Walls	59 .58 ✓		If Plated, state thickness .....		
" " " " in way of Bridge	✓		<b>Poop Deck.</b>		
" Angle in Walls .....	6 6 .58 ✓		Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings in way of Wells .....	.44 ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.38 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Walls...	63 .39 ✓		Stringer Plate, breadth and thickness.....	.34 ✓	
			Plating, Sheathing, material and thickness ...	.34 ✓	

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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 .....	50	72	64	64		Double	7/8	3 7/16	Quad	7/8	3 1/2	Lapped	
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of Strakes .....3.....		57	56	49		"	"	"	treble	"	3 1/8	"	
BILGE PLATING, No. of Strakes .....2.....		57	48	49		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes .....3.....		57	46	46		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells.....	67 1/2	66	46	46	66"	"	"	"	Quad.	"	3 1/2	"	
UPPER DECK, Sheer-strake in Bridge ...	✓												
STRAKE BELOW Sheer-strake in Wells.....		60	46	46		"	"	"	treble	"	3 1/8	"	
STRAKE BELOW Sheer-strake in Bridge ...	✓												
POOP SIDE PLATING .....	✓												
BRIDGE SIDE PLATING ...	✓												
FOREC'TLE SIDE PLATING			40			Single	3/4	3	Single	3/4	2 5/8	"	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		6	✓
Extending to Upper Deck (Sec. 3 c)		1	✓
,, Deck next below		5	✓
As per Rule		6	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks	✓				
„ „ Second „	✓				
„ „ Third „	✓				
„ N=36 „ Holds .....	38-26	12x3½x3½x160	30	✓	✓
COLLISION „ (in Hold) .....	52-32	6x3x37½ 7x3x50	24 24	✓	two semi box beams x flat
AFTER PEAK „ „ .....	41-30	11x3½x60 7x3½x59	24 24		Tymenel flat

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....			Plate Keel	
<b>STEM</b> .....			Roller bar 9" x 2 1/2"	
<b>STERN FRAME</b> {	Propeller Post .....		10 1/4" x 7 1/4" Skoda ✓	
{	Rudder .....		Casting 9" x 7 1/4" Works ✓	
<b>RUDDER—A x D</b> .....			430 ✓	
<b>Speed of Vessel</b> .....			11 Knots ✓	
<b>RUDDER</b> mainpiece at head ..			Forging 9 3/4" Foster ✓	
" " heel ..			7 3/8" Sons led ✓	
" how constructed .....			Built	
" double or single plate ..			Single 1.07	
" 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). *The Steel Co. of Scotland Ltd., Colvilles Ltd.* *Open hearth*

Has the Steel been tested as required by the Rules? *yes*



13 JUL 1932

EQUIPMENT No 34775												LETTER Y		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cyts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
33975	1st Bower ...	60	0	0	~~~~~	~~~~~	~~~~~	48	7	2	0	60-0-0	Byers Improved Stockless	W.L. Byers & Co.	LPHS 25 <sup>th</sup> Feb. 1932 J.M. Buxton
33807	2nd " ...	59	3	0	~~~~~	~~~~~	~~~~~	48	4	1	14	60-0-0	do.	do.	LPHS 18 <sup>th</sup> Sep. 1931 J.M. Buxton
33971	3rd " ...	50	3	14	~~~~~	~~~~~	~~~~~	42	18	1	21	50-2-0	do.	do.	LPHS 18 <sup>th</sup> Feb. 1932 J.M. Buxton
	Collective weight.	170	2	14								170-2-0			
92637	Stream .....	16	1	7	4	3	21	17	4	0	7	16'4	Rodgers. Kendrick & Mole		LPHN Feb. 11 <sup>th</sup> 1932 H. G. ...

## 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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
97660	135 1/3	2 3/16	86 1/8	120 1/2	323-1-8				Stud Link	~~~~~	LPNN 30 <sup>th</sup> Jan 1932 H Green	TOWLINE	120	5	52 4/5	120	4 3/4
97663	135	2 3/16	86 1/8	120 1/2	323-2-17	645 3/4	270 2 3/16	do.	~~~~~	LPNN 11 <sup>th</sup> Feb 1932 H Green	HAWSERS & WARPS	2090	2 3/4	15 1/5	2090	2 3/4	
					645 3-25								2090	2 3/4	15 1/5	2090	2 1/2
Stream Steel Wire	90	4 3/4	47				90	4 3/4	SW								

Steering Gear, Steam *Lynn & Co. Ltd.* Steering Gear, Hand *Lynn & Co. Ltd.*  
Boats *four* Steering Chains, Size and Test *17/16" - 24 3/4 tons* Windlass *Clarke Chapman*  
Ceiling in Holds, thickness and material *2 1/2" W.P. under hatches* Cargo Battens, thickness, material and spacing *6" x 2" W.P. @ 9"*  
Cargo Hatchways, — (Upper Deck) *Steel plates & angles* Thickness of Hatches *3 W.P.*  
Size of No. 1 Hatchway (Forward) *27' x 20'* No. 2 *30' 6" x 20'* No. 3 *20' 4" x 20'* No. 4 *30' 6" x 20'* No. 5 *27' 11 1/2" x 20'* No. 6 *-*  
Number of Shifting Beams and/or Fore and Afters *No. 1. five, No. 2. four, No. 3. three, No. 4. four, No. 5. four.*

ALEXANDER STEPHEN & SONS, LIMITED.

Builder's Signature

A. M. Stephen

Disactive

**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

The materials and workmanship are good. The vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in conformity with the Rules for the class contemplated. The peaks and double bottom tanks, weather decks, bulkheads, tunnel & w. T. doors have been tested in accordance with the Rules.

The freeboard has been verified and the freeboard markings cut in on the vessels' sides

33-1-51	—	28.	—	460	—	21	22	1930
33-1-52	—	K.H.	—	8244	—	21	22	1930
33-2-0	—	K.H.	—	2344	—	24	24	1931.

The amount of Entry Fee ..... £ 8 : 0 : 0 } Fees applied for,  
Special Survey Fee.... £ 286 : 4 : 0 } 11. 7. 1932  
Freight and Travelling Expenses, if any £ 15 : 0 : 0 } Received by me,  
14 July 1932 W

I am of opinion the Vessel should be Classed + 100 A1 with fbd.

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

Signature ..... R. W. Paterson  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to G.L. Date of issue 14/7/32

Committee's Minute GLASGOW 12 JUL 1932 CD

Character assigned  $\div 100A1.$

with freeboard 3.78280-721

732. 0.89 14.22

Lloyd Arch

+ LMC 7.32

70

Lloyd's Register  
Foundation

W41-00126212



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 herewith:—  
(Midship Sections as built forwarded in advance.)

- ✓ Midship Section
- ✓ Profile & Decks
- ✓ Stern frame & Rudder
- ✓ Rudder Quadrant
- ✓ Tunnel plan
- ✓ Hatch & girders (2)
- ✓ W. T. Bulkheads (2)
- ✓ Coal Bunkers
- ✓ Strengthening of DB
- ✓ Centre line Bulkhd. (2)
- ✓ After peak framing
- ✓ Parting argt.
- ✓ Section thro' E. & B. casings
- ✓ Existing list
- ✓ Pumping plan.

3 forging certificates.

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

1st Bower	38-2-0	K.H.	9342	24 <sup>th</sup> Sept. 1931.
2nd "	39-1-7	K.H.	8544	27 <sup>th</sup> Aug. 1930.
3rd "	33-1-21	J.L.	496	21 <sup>st</sup> Aug. 1930.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. 34 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 deck (Stl.) & Shelter deck (Stl.)

Official No. ☒ Signal Letters

Is bottom of Vessel coated with cement ☒ yes if not give

#### PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—							
Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	127.08	287.3	Fore peak tank,	✓		76.7	
Double bottom, under Engines and Boilers,	25.41	98.0	After peak tank,	✓		124.2	
Double bottom, if under Engines only,			Deep tank, aft,	✓			
Double bottom, if under Boilers only,			Deep tank, forward,	✓			
Double bottom, forward,	180.2	553.5	Other tanks, if fitted,	✓			
Total capacity of double bottom			938.8	(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. 6151

Date 23. 11. 31

Dates of Surveys held while building

1931 Nov.: 20. 23. 25. 27 Dec.: 3. 10. 14. 16. 17. 21. 22. 23. 24 (1932) Jan.: 6. 8. 11. 12. 13. 14. 15. 19. 20  
21. 22. 25. 26. 27. 28. 29 Feb.: 2. 3. 4. 5. 8. 9. 10. 11. 12. 15. 16. 17. 18. 19. 22. 23. 24. 25. 26. 29 Mar.: 1. 2  
3. 4. 7. 11. 14. 15. 16. 17. 18. 21. 22. 25. 29 Apr.: 4. 5. 6. 7. 11. 12. 18. 19. 30. 21. 25. 28 May: 2. 3. 4. 5. 6  
9. 10. 11. 12. 13. 16. 18. 20. 23. 25. 26. 27. 31 June: 2. 6. 8. 10. 14. 22. 24. 29 July: 4. 5. 7 Total No. of Visits 105