

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 AUG 1928

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 August 1928. Port of Grunnack No. 18943.Survey held at Port Glasgow. Date First Survey 22nd September 1924 Last Survey 6th August 1928.On the (State if Machinery Altered Aft and if Single, Twin or Triple Screw) Single Sc. "ZONNEWYK"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling. State Type of Erections P. B. & Sile.TONNAGE under Tonnage Deck... 4112.91 CLASS +100AL. State if with freeboard as condition of Class NO. Built at Port GlasgowDo. of space or spaces between Tonnage Dk. and Upper Dk. 1 Length from fore part of stem to after part of stern Post on summer L.W.L. See Sec. 3 (1a) L 383.5 Launched 9th June 1928 Yard No. 354.Total 4112.91 Breadth (greatest moulded) 52.75 Builders The Clyde S.P. & C. Co. Ltd.Net Tonnage 1499.0 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 27.5 Owners Erhardt & DekkerRegister Tonnage 2670.38 1st Longitudinal Number (L x D) = 10546 Managers (Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = 30775 Residence RotterdamLength 383.92 Framing Depth "d" at middle of length. See Sec. 3 (1d) 24.12 Port of Registry RotterdamBreadth 52.94 Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.94 If surveyed while building, afloat, & in dry dock Yes.Depth 25.20 Draught Moulded 25.75

FRAMES, DOUBLE BOTTOM AND BEAMS.

DIVISION OF

SHIPBUILDING

COMPANY

and Claim

BY

	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	27	✓	Bracket Floors, Frame	7 3 36 6 3 36
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	6 3 40
" " in peaks	24	✓	" " Vertical Struts	6 3 40
DE FRAMING.			Centre Girder, depth and thickness amidships	10 3 50
Frame Amidships, Angle, E or F	12 3 58	✓	" " top Angles	3 3 49
" " Extends up to	UPPER DECK.	✓	" " bottom Angles	4 4 54
Reversed Frame Amidships, Angle		✓	Side Girders, No. each side and thickness	2. 37
" " Extends up to		✓	Margin Plate depth (excl. of flange) and thickness	3 1/2 47
Depth of Framing Girder		✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 3 43
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	7 3 42 6 3 42	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 43
" " Second 'tween Decks, Angle, E or F		✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY FRAME 3 3 43
" " Third		✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	EVERY FRAME 5 5 43
Framing in Peaks, Angle or F	7 3 44	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	61 43
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/8 AT 7' DIA.	✓	INNER BOTTOM PLATING.	
State if Frame Joggled	YES.	✓	Breadth and thickness of Middle Line Strake	19 48
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	REINFORCED FRAMES & 4 SIDE STRINGERS AS PER APPROVED PLAN. FRAMES 5 1/2 x 39. ADDITIONAL INTERCOSTALS. 3 STRAKES PLATING MIDSHIP THICKNESS.	✓	Thickness of remainder in Holds	40
LENGTHENING OF BOTTOM FORWARD. State Particulars		✓	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.	
Floors, Depth and thickness at mid-line in Holds		✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6 3 36 6 3 36
Height of Brackets at side above base line at toe of frame		✓	" " in way of Bridge, Angle, E or F	8 3 40
Middle Line Keelson, on Floors, Angles, E or F		✓	Spacing	EVERY FRAME.
" " Through Plate or Intercostal Plate		✓	Second Deck, amidships, Angle, E or F	
" " Foundation Plate on Floors		✓	Spacing	
" " Flat Plate Keel Angles		✓	Third Deck, amidships, Angle, E or F	
Side Keelsons, No. each side		✓	Spacing	
" " thickness of Intercostal Plate		✓	Fourth Deck, amidships, Angle, E or F	
" " Angles		✓	Spacing	
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	7 3 38
Solid Floors, thickness and spacing	37 EVERY 3" FRAME.	✓	Spacing	EVERY FRAME.
" " Are Frame and Reversed Frame joggled?	YES.	✓	Bridge Deck, Angle, E or F	6 3 42
Bracket Floors, breadth and thickness at middle line	30 37	✓	Spacing	EVERY FRAME.
" " breadth and thickness at margin plate	36 37	✓	Forecastle Deck, Angle, E or F	8 3 40 7 1/2 x 3 x 44
			Spacing	EVERY FRAME.

N M'LINTOCK & C
Chartered Accountants,
GEORGE STREET, GLAS

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				
" " POOP in 'tween Decks, Size and Spacing.....	2 ²	00	ALT. PR.	✓	Thickness of Plating abreast Deck openings) in way of Wells				
" " FOLE " " "	2 ²	00	ALT. PR.	✓	Thickness of Plating abreast Deck openings) in way of Bridge				
" " in Holds				✓	Thickness of Plating within line of openings....				
Centre Line Bulkhead. { HOLDS	12	3 ¹ / ₂	X 6 B.R.	ALT. PR.	If Sheathed, material and thickness				
Stiffeners and Spacing.....	BRIDGE SP.	5	X 70 PHG.	" "	Third Deck.				
Plating, thickness of	{ HOLDS. 30				Stringer Plate, breadth and thickness.....				
	{ BRIDGE 86				If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	5 1/2		'88	✓	If Plated, state thickness				
" " " " in way of Bridge	5 1/2		'87	✓	Poop Deck.				
" Angle in Wells	6	6	'82	✓	Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings/ in way of Wells			'84	✓	Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings/ in way of Bridge			'34	✓	Bridge Deck.				
Thickness of Plating within line of openings...			'32	✓	Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness				✓	Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...					Stringer Plate, breadth and thickness.....				
					Plating, Sheathing, material and thickness ...				

SHELL PLATING.

SCANTLINGS.					RIVETING.											
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.							
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.
FLAT PLATE KEEL	48½	.73	.65	.65	✓		DOUBLE	¾	3½	✓	4-3	✓	1	3½	✓	LAPPED.
„ „ BILDG. (if any)					✓											
BOTTOM PLATING, No. of Strakes 4.....)		.57	.45	.47	✓		DOUBLE	¾	3½	✓	3	✓	¾	3½	✓	LAPPED.
BILGE PLATING, No. of Strakes 6.....)		.57	.45	.47	✓		"	"	"	✓	"	✓	"	"	✓	"
SIDE PLATING, No. of Strakes 3.....)		.57	.43	.43	✓		"	"	"	✓	"	✓	"	"	✓	"
UPPER DECK, Sheer- strake in Wells.....)	50	.86	.43	.43	✓		"	1	3½	✓	4-3	✓	1	4	✓	"
UPPER DECK, Sheer- strake in Bridge ...)	50	.57	"	"	✓		"	¾	3½	✓	3	✓	¾	3½	✓	"
STRAKE BELOW Sheer- strake in Wells.....)	60	.72	.43	.43	✓		"	"	"	✓	4-3	✓	"	3½	✓	"
STRAKE BELOW Sheer- strake in Bridge ...)	60	.57	"	"	✓		"	"	"	✓	3	✓	"	3½	✓	"
POOP SIDE PLATING38	✓		SINGLE	¾	3		1.	✓	¾	2½	✓	"
BRIDGE SIDE PLATING60			✓		DOUBLE.	¾	3½		3.	✓	¾	3½	✓	"
FOREC'TLE SIDE PLATING			.40		✓		SINGLE	¾	3		1.	✓	¾	2½	✓	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 6. ✓

Extending to Upper Deck (Sec. 3 c) 6 ✓

~~Deck next below~~ ✓

As per Rule 6 ✓

FORGINGS ~~and~~ CASTINGS.

WATER-TIGHT BULKHEADS.		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Total No. of W.T. BULKHEADS in Vessel—		6.				
Extending to Upper Deck (Sec. 3 c)		6				
Deck next below		✓				
As per Rule		6				
	Plating Thickness.	STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks						
" " Second "						
" " Third "						
" " Holds						
COLLISION " (in Hold)						
AFTER PEAK " "						
KEEL, Bar		FLAT PLATE KEEL.				
STEM		ROLLED		9" x 2 1/2"		9 1/2" x 2 1/2"
STERN FRAME		Propeller Post	FORGING	11 1/4" x 7	DARLINGTON	
		Rudder	"	10 1/4" x 7	FORGE L ^o	
RUDDER—A x D				35 1/4 x 19		
Speed of Vessel				11 KNOTS.		
RUDDER mainpiece at head		FORGING		10 1/2" x 10	DARLINGTON	
" " heel				DIA.	FORGE L ^o	DELTZ
" how constructed		FORGED & BUILT.				PATENT
" double or single plate coupling, vertical or horizontal				56		
				HORIZ ^l		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH.
THE STEEL COMPANY OF SCOTLAND LTD, WILKESBARIEMORE & CO LTD, THE LANARKSHIRE STEEL CO LTD,
THE SCOTTISH IRON & STEEL CO LTD, DAVID COLVILLE & SONS LTD, SKINNINGROVE IRON WORKS LTD
 Has the Steel been tested as required by the Rules? YES.

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

Lloyd's Register
Foundation

EQUIPMENT No. 32902.										LETTER Y.	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.					
31169	1st Bower ...	60	3	0	STOCKLESS			48	15	0	0	60	✓	RYERS IMPROVED.	NOT STATED.	JUND. 6-6-28 BUTLER.
31156	2nd „ ...	60	1	21	“			48	12	2	0	60	✓	“	“	1-6-28 “
31170	3rd „ ...	50	3	7	“			42	18	1	21	50½	✓	“	“	6-6-28 “
	Collective weight.	172	0	0								170½	✓			
43762	Stream	16	1	6	4	1	14	17	11	3	14	16½	✓	ORDINARY.	NOT STATED	C.H. 6-6-28 PAUL.

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.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.	
41404	270	2 1/2	86 1/2	120 1/2	145	3	21	270	2 1/2	UNK.	NOT STATED	C.H. 6-6-28 PAUL.	TOWLINE	120	1 1/2	47	120	1 1/2	✓
													HAWSERS & WARPS	2090	2 1/2	15 1/2	2090	2 1/2	✓
Stream	90	1 1/2		47				90	1 1/2	G.S.W.									

Steering Gear, Steam BY M'GREGOR'S PORT. GL. ENG. WORKS. Steering Gear, Hand BY M'GREGOR'S PORT. GL. ENG. WORKS.

Boats 2 LIFE 26 FT. LONG. 16 FT. Steering Chains, Size and Test 1 1/2" D.P. 24 1/2 TONS. Windlass STEAM BY EMERSON WALKER.

Ceiling in Holds, thickness and material 3" WHITE PINE. Cargo Battens, thickness, material and spacing 2" W.P. SPACED 9" APART.

Cargo Hatchways. (Upper Deck) FORMER OF STEEL PLATES & ANGLES. Thickness of Hatches 2 1/2" WHITE PINE.

Size of No. 1 Hatchway (Forward) 32' 9" x 24' 0" No. 2 40' 6" x 24' 0" No. 3 22' 6" x 20' 0" No. 4 40' 6" x 24' 0" No. 5 36' 0" x 24' 0" None ON BRIDGE.

Number of Shifting Beams and/or Fore and Afters 7 in N° 1 & 5, 8 in N° 2 & 4, 4 in N° 3.

For and on behalf of
THE CLYDE SHIPBUILDING & ENGINEERING CO., LIMITED.
Builder's Signature
Secretary

GENERAL DECLARATION This vessel has been built in accordance with the approved plans, instructions & printed Rules of this society. The materials & workmanship are of good quality. The freeboard has been verified & the marks cut in on the vessel's sides. The peak tanks, double bottom tanks, (including dry tank under boilers) weather decks, W.T. bulkheads, W.T. doors, & hand pump to fore peak flat have been tested as required by the Rules & found satisfactory.

Notes: This vessel is fitted with an Derry patent Rudder, as per approved plans. The Owners state a motor boat 26 ft. long will be fitted on board when the vessel calls at Rotterdam. Provision has been made for same.

The amount of Entry Fee £ 8 : 0 : 0
Special Survey Fee.... £ 299 : 19 : 0
FREEBOARD. 9 : 3 : 4
Travelling Expenses, if any £
DAMAGE FEE
TRAVELLING EXPEN. }
State whether the Vessel has been built under Special Survey YES.
HAM (see Sec's private ltr to Leuvenberg 7/1/28)
Certificate to be sent to GREENOCK. Date of issue.

Fees applied for,
9th August 1928

Received by me,
10.11.28

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

Signature M. L. Swinton
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 14 AUG 1928

Character assigned + 100 A1

8.28.

Lloyd's a+c

+ L.M.C. 8.28.



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Lloyd's Register
Foundation

W279-0067 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 Plans:

Midship Section
Profile & Dk. plans.
Sternframe & Rudder (Dortz Patent)
Dortz Rudder connections to sternpost.
Peak bulkheads & strengthening forward.
Shaft tunnel
Hatch coamings No. 2 & 4.
Pumping Arrangement.
Trunk hatch No. 2 & 4.
Lifting Reports Sternframe Rudder stock.

Midship Section as Built.
Profile & Dk. plans "

Note: The vessel was placed in dry dock for examination of damage stated to have been sustained during launch on 9th June 1928, & the following repairs were carried out:

Starboard side forward Shell plate B.1. renewed
" " B.2, C.3 & 4 faired in place.
Horizontal flange of 2 bottom frames faired in place.
Port side forward Shell plate B.1. faired in place.
" " C.3. Renewed, faired & refitted.
Cement checks at linbers renewed as required.

The cement on bottom & bilge has been renewed in way of repairs & the double bottom tank (No. 1) tested under pressure & found satisfactory.
The whole of the bottom & Rudder has been cleaned & coated.

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

1st Bower 35-2-6, K.H., 5396, 15-5-28,
2nd " 35-2-26, K.H., 5395, 15-5-28,
3rd " 28-1-25, M.R., 639, 18-4-28,

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.65 ft., B.D. — ft., Bridge 234 ft., Forecastle 32.1 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 Dk. (574)

Official No. ; Signal Letters

Is bottom of Vessel coated with cement — if not give

Particulars of composition YES, WHOLLY.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	123.75	367	Fore peak tank,		147
Double bottom, under Engines and Boilers,	---	---	After peak tank,		172
Double bottom, under Engines only,	18	78	Deep tank, aft,		
Double bottom, under Boilers only, DRY TANK	22.5	---	Deep tank, forward,		
Double bottom, forward,	166.5	655	Other tanks, if fitted,		
Total capacity of double bottom	1100		(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. 2227

Date 28-9-27.

Dates of Surveys held while building

(1924) Sept 22-24-29 Oct 4-11-13-14-19-21-25-24-31 Nov 2-8-10-16-21-23-25-30 Dec 2-4-9-13-15-19-21-23-24-30 (1928) Jan 6-10-13-14-18-20-25-26 Feb 1-3-4-13-15-14-22-24-28 Mar 2-4-9-13-15-19-21-26-24-29 April 2-4-9-14-19-23-24-26-30 May 3-4-9-11-15-14-18-22-24-28 June 1-2-5-6-4-8-9-13-14-15-20-26 July 9-11-13-16-23-25-26-24-28-30 Aug 1-2-3-4-6

Total No. of Visits 105