

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	one.	
" FORWARD in between Decks Size and Spacing.....	3" dia. as approved & spaced on alternate frames.	
" " " " " "		
" UNDER CRANE FORWARD. in Holds " " "	9" x 3" x 4 1/2" B.A. Brackets top and bottom 24" x 30".	
" " " " " "		
" HOPPER SIDES Centre Line Bulkhead.		
Stiffeners and Spacing.....	Angles 4" 1 1/2" 30. 22" apart.	
Plating, thickness of	3/4"	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells WAY OF HOPPER	12" x 32" Doublings at Corners.	
" " " " in way of Bridge		
" Angle in Wells FITTER INSIDE	3" 3" 32"	
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		
Second Deck. FORWARD + AFT.		
Stringer Plate, breadth and thickness in Wells	32 as per plan.	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS

Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c) <u>Four</u>									
" Deck next below <u>Four</u>									
As per Rule & approved.									
				STIFFENERS.					
				VERTICAL.		HORIZONTAL.			
Plating Thickness.				Scantlings Spacing.		Scantlings Spacing.			
MIDSHIP BULKH'D, Upper two decks				N ^o 24.	.35	.36	4 1/2 x 3 x 25 A.	36	as per plan
" " Second				N ^o 44.	.35	.36	5 x 3 x 3 1/4 A.	36	" " "
" " Third				N ^o 53.	.26	.30	5 x 3 x 3 1/4 A.	36	" " "
" " Holds									
COLLISION				(in Hold)	N ^o 61.	.26	.38	5 x 3 x 3 1/4 A.	24
AFTER PEAK					N ^o 6.	.26	.38	4 1/2 x 3 x 30 A.	27

		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		✓	✓	✓	✓
STEM		Bull Plate	7 1/2 x 1 1/8	Consell.	
STERN FRAME { Propeller Post		Forging	5 3/8 x 2 1/2	Clelands & Co.	
{ Rudder		"	5 1/8 x 2 1/2	"	
RUDDER—A x D		54 x 04	"	A Hall & Co.	
Speed of Vessel		Seven Knots			
RUDDER mainpiece at head		Forging	3 3/4	"	
" " heel		"	3 3/8	"	
" " how constructed		Forged & riveted. Arms shrunk on and keyed to main piece.			
" " double or single plate coupling, vertical or horizontal		73"		none.	

STEEL.

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

Consell Iron Co. Ld. Zuteilnehmungshütte Walzwerk. Oberhausen

Has the Steel been tested as required by the Rules?

Yes.

Siemens Martin

Lloyd's Register
Foundation

150 fms 3/4 dia cable approved 10/6/24

EQUIPMENT No. as approved										LETTER	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.				
29557	1st Bower ...	7	1	21	Stockless			9	13	3	0	7½	Byers Improved.	—	Stand. 21.8.26. Butler
29562	2nd " ...	7	1	14	"			9	11	2	7	7½	" "	—	" 23.8.26. "
	3rd " ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Collective weight.	14	3	7								14½.			24.8.26
59754	Stream	2	1	7	2	14	4	15	0	0		2½	Ordinary	N. Bloomer & Son.	T. 11.10.26. Drysdale.

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.		Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Test per Certificate.	Length and size per Table 53.		Makers of Cables.	Where and when tested, and Superintendent.
	Fathoms.	Ins.		Cwts.	qrs.	lbs.	Per Rule.	Fathoms.	Ins.				Fathoms.	Ins.		Fathoms.	Ins.		
61007	165	5/8	13 1/2	65	1	21	64 1/2	165	7/8	Stud	N. Bloomer & Son. T. 30.9.26. Drysdale.	TOWLINE	75	2 1/2	13 1/2	75	2 1/2		
												HAWSERS & WARPS	100	4	MANILLA	90	4		
	45	3/4	15 1/2					45	3/4	9.8.10. Weber & Co.	Stand. 5.5.20.								

Steering Gear, Steam & Hand combined 4 1/2" x 5" by Denton. ~~Steering Gear, Hand~~

Boats 1 @ 10' x 12' x 2' 4" 1 @ 15' x 5' 6" x 2' 1 1/2" Steering Chains, Size and Test 5" dia. H. 12.2.0. T. 35.5.19. Windlass Steam 6" x 8". M. C. One Greenock 30.7.26. Drysdale.

Coiling in Holds, thickness and material ~~VISION~~ ~~Cargo Batts.~~ thickness, material and spacing

Cargo Hatchways. (Upper Deck) Steel plates & angles as approved. Thickness of Hatches 2 1/2" W. Wood.

HOPPER = 36' 9" x 20' 0" at deck x 17' 0" at bottom.

Size of No. 1 Hatchway (Forward) No. 2 No. 3 No. 4 No. 5 No. 6

WELL DIVISIONS: Shifting Beams and for Fore and Aft = Three.

FORWARD + AFT 32 as per plan

FOR ALEXANDER HALL & CO., LTD.

Builder's Signature *[Signature]* SECRETARY

GENERAL DECLARATION This vessel has been built in accordance with the Secretary's letters, the Rules and approved plans for the intended class 100.A.1 Hopper Barge.

The materials and workmanship are good.

The Peaks, Weather Deck and Bulkheads, have been satisfactorily tested.

The freeboard markings have been cut in and verified.

The following approved plans are forwarded herewith, viz: - Profiles and Deck Sections, Engine & Boiler Sealings, Keelsons, Bulkheads, Stern & Rudder Frames & Pumping Plan, together with 2 reports on forgings.

BULKHEADS	26 1/2	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
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The amount of Entry Fee £ 3 : 0 : 0 Fees applied for, Mar. 5th 1927

Special Survey Fee.... £ 27 : 12 : 0 Received by me, 26/4/27

Freeboard £ 2 : 0 : 0

Travelling Expenses, if any £ 1 : 1 : 1

I am of opinion the Vessel should be Classed 100.A.1. HOPPER BARGE.

Signature J. Richardson

Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Aberdeen Date of issue 27/4/27

Committee's Minute TUES. 8 MAR 1927

Character assigned 100 A.1 Hopper Barge

Lloyd's A.R.C.P.

L.M.C. 3.27

OG

The Surveyors are requested not to write on or below the Committee's Minute.

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 - Francis Gilbertson.

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

1st Bower	"Byer's Anchor Head"	H. O. S.	K.H.	3995	21.6.26
2nd "	"	"	"	3996	21.6.26
3rd "	"	"	"		

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the R.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) One Deck Steel.

Official No. 149778; Signal Letters ☒ Is bottom of Vessel coated with cement Yes ☒ if not give particulars of composition up to turn of Bilge. { Bituminous Solution inside, above top of floors in way Hopper + B and Enamel (het)

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(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. 1723.

Date 22.6.26.

Dates of Surveys held while building

1926 = April 20. June 11. 15. 25. July 1. 6. 7. 13. August 10. 17. 24. 26. September 1. 14. 17. 21. 28. October 5. 20. 22. 29. November 5. 11. 17. 30. December 7. 18. 28. 30.
1927. January 6. 8. 10. 13. 18. 21. 26. 28. 29. Feb 1. March 2.

Total No. of Visits 40