

STEEL STEAMER or MOTORSHIP.

Received at London Office

9 NOV 1946

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 **6th NOVEMBER 1946** Port of **HULL**No. **53793**Survey held at **Gyole** Date First Survey **16th January, 1946** Last Survey **24th OCTOBER, 1946**On the **M/V "GREBBESTROOM"**

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

Complete Superstructure withState Type of Erections **Shelter Deck**

DUTCH

TONNAGE under Tonnage Deck

BRITISH

CLASS **100A1**

State if with freeboard as condition of Class

YES

Built at **Gyole**

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage

808.16

Register Tonnage

410.22

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L 220.18

Breadth (greatest moulded)

B 35.0

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

D 21.51st Longitudinal Number (L x D) = **4734**2nd Numeral L x (B + D) = **12440**

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

11.905

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

10.48

Do. Long Bridge to top of keel

Draught Moulded

13.10Launched **29/7/46**Yard No. **459**Builders **Gyole S. B. & Co. Ltd.**Owners **N.V. HOLLANDSCHE STOOMVAART MAATSCHAPPY**

Managers

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

Residence

Port of Registry **AMSTERDAM**

If surveyed while building, afloat, or in dry dock

1 Building @ Afloat

REGISTERED DIMENSIONS.

FEET.

Length

224.6

Breadth

35.3

Depth

11.2

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	24	✓	Bracket Floors, Frame	3.2	✓
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	24	✓	" " Reversed Frame	5	✓
" " in peaks	24	✓	" " Vertical Struts	5	✓
FRAME FRAMING.			Centre Girder, depth and thickness amidships	3 1/2	✓
Frame Amidships, Angle, E or F	6	3	" " top Angles	DOUBLE	✓
" " Extends up to MAIN C. SHELTER DK. ALTERNATELY			" " bottom Angles	3 1/2 x 3 1/2	✓
" " " " SHELTER DK. ON EVERY FRAME FORM OF 18 FRAMES			Side Girders, No. each side and thickness	ONE	✓
Reversed Frame Amidships, Angle	3 1/2	3	Margin Plate depth (excl. of flange) and thickness	3 1/2 x 37	✓
" " Extends up to SHELTER DK. ON FRAMES 11, 16, 21, 26, 31, 36, 41, 46, 51, 56			Vertical Angle to Tank side	WELDED	✓
Depth of Framing Girder	7	2.6	Bracket abaft $\frac{1}{2}$ len. from stem	WELDED	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	6	3	Vertical Angle to Tank side	WELDED	✓
" " Second 'tween Decks, Angle, E or F			Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " Third " "			Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " WEB FRAMES FITTED ON FRAMES NOS 49 & 73			Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " from 10' len. for d. to 10' len. from Stem	7	3	Tank Side Brackets, height above base line at toe of Frame and thickness	3 1/2 x 32	✓
" " AFTER PEAK 5	3	3.8			
" " FORE	7	3			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	5/4			
State if Frame Joggled	YES	✓			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓			
SINGLE BOTTOM. IN WAY OF MACHINERY SPACE					
Floors, Depth and thickness at mid-line in Holds	2-6 1/2	x 44			
Height of Brackets at side above base line at toe of frame	4-3 1/2				
Middle Line Keelson, on Floors, Angles, E or F					
" " Through Plate or Intercostal Plate					
" " Foundation Plate on Floors					
" " Flat Plate Keel Angles					
GIRDERS					
Side Keelsons, No. each side	ONE	✓			
" " thickness of CONTINUOUS Plate	3 1/2	3 1/2			
" " Angles BOTTOM	6	6			
" " Angles TOP	3/4	3/4			
DOUBLE BOTTOM.					
Solid Floors, thickness and spacing	32	96			
" " Are Frame and Reversed Frame joggled?	YES	✓			
Bracket Floors, breadth and thickness at middle line	24	32			
" " breadth and thickness at margin plate	24	32			

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		FOUR	
Extending to Upper Deck (Sec. 3 c)	THREE	✓	
Deck next below	ONE		
As per Rule	FOUR		

Plating Thickness.	STIFFENERS.			
	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	FR No 36 26	3' x 3 1/2" x 36"	32"	✓
" " Second "	"	2 1/2' x 3 1/2" x 28"	27"	✓
" " Third "	HOLD FR No 28 32	3' x 3 1/2" x 34"	32"	✓
" " Holds	73	5' x 3" x 30"	27 1/2"	✓
" " (in Hold)	101	5' x 3" x 30"	24"	✓
" " COLLISION	140	4' x 3" x 40"	27"	✓
" " AFTER PEAK	5	6' x 5" x 30"	34"	✓
" " }	11	3' x 3 1/2" FLAT BAR	34"	✓

Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE KEEL	✓	
STEM	PLATE STEM	46" x 42 TH	✓
STERN FRAME	Propeller Post	MILD STEEL 7' x 5"	FABRICATED
	Rudder	7' x 5"	
Speed of Vessel	12 KNOTS	✓	
RUDDER—Type	STREAMLINED		
" A x D	109.03	✓	
" Diam. of head	5 1/6"	✓	
" Mainpiece at top pintle	5 7/8"	✓	
" " heel	4 1/4"	✓	
" how constructed	FABRICATED OF MILD STEEL	✓	
" double or single plate	DOUBLE PLATE	✓	
" coupling, vertical or horizontal	HORIZONTAL	✓	
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		OPEN HEARTH	
PLATES:—APPLEBY-FRODINGHAM S. C. Ltd			
SECTIONS:—		DORMAN LONG & Co. Ltd, CONSETT & Co. Ltd, CARGO FLEET & SPINNING DRIVE & Co. Ltd	
Has the Steel been tested as required by the Rules?		YES	

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.)

The following certificates are attached.

GLASGOW : MASTS & DERRICK POST : J.E.S. 28/9/46
NEWCASTLE : WINDLASS : No 11668 : A.B. : 28/6/46.
SUNDERLAND : 1. TILLER & 1. QUADRANT : Nos 6879 & 6880 A.E.G. : 12/3/46.
LEEDS : 2. BOSSES : D.R.W. 5/12/45. (FOR BUILDER'S YARD Nos 452/459)

Copies of the approved plans are retained in the London Office.

PARTICULARS OF ELECTRIC WELDING (if employed)

Steel frame & rudder of welded construction. Butts of keel plating welded. W.T. Bulkhead seams & butts welded, stiffeners welded to an upper & main deck plating seams & butts welded. Tank top & margin plating seams & butts welded and margin plate welded to floor and shell plating. Tank plate to steel frame welded. Approved electrodes employed in this work.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Butts of keel plating and seams and butts of upper and main deck plating electrically welded.

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

1st Bower 16-3-5 A.E.G. 8052 : 21/12/45 ✓
2nd " 16-2-14 " : 8032 : 11/12/45 ✓
3rd " 13-3-14 S.P.R. : 7878 : 5/7/46 ✓

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 or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. ✓ Signal Letters ✓ Extreme Breadth over Belting ✓ Over-all Length 234' 25" ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks TWO (STL) ✓ 18k & Shelter dk
Parts of Bottom of Vessel coated with cement or approved composition. CEMENT IN HOLDINGS AND CEMENT WASH IN DOUBLE BOTTOM & PEAK TANKS. ✓

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, No 1 TANK	56 ✓	70.2 W.B.	Fore peak tank,	19.1 ✓	40.70 ✓
Double bottom, under Engines and Boilers, No 2 "	38 ✓	80.8 "	After peak tank,	20.0 ✓	18.0 ✓
Double bottom, if under Engines only, No 3 "	50 ✓	76.3 W.B.	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	148'	227.3	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3516.

Date

3.7.46.

Dates of Surveys held while building

1946.
Jan. 16. 29. Feb. 12. 18. 21. 28. Mar. 6. 15. 20. Apr. 2. 21. 11. 24. May 6. 10. 14. 20. 28.
June 8. 14. 19. 26. July 2. 4. 9. 11. 15. 18. 22. 29. Sept 5. 13. 18. 23. Oct. 10. 16. 24.

Total No. of Visits

37.

Lloyd's Register
Foundation