

RECEIVED STEEL STEAMER OR MOTORSHIP.

Received at London Office 13 NOV 1948

18 NOV 1948

IN D.O.

Date of completion of report

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Port of

No. 55242.

Survey held at

Date First Survey

Last Survey

On the

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

Single Screw

BALTRADER

(ex "Empire Gaffer" ex "Betendorf")

State Type

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

Complete Superstructure with tonnage openings

State Type of Erections

open forecassle on Shelter Deck.

TONNAGE under Tonnage Deck ...

1440

CLASS 100 A1

State if with freeboard as condition of Class

YES

Built at

Hamburg

Launched

1945

Yard No.

450

Builders

Deutsche Werft A.G.

Owners

United Baltic Corporation, Ltd

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

London.

If surveyed while building, afloat, or in dry dock

Afloat and in Dry Dock.

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.

FEET

289.4

44.5

15.8

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

L 85.29

Breadth (greatest moulded)

B 13.50

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

D 8.20

1st Longitudinal Number (L x D)

699

2nd Numeral L x (B + D)

1850

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

4.86

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

10.40

Do. Long Bridge to top of keel

Draught Moulded

18'-4"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. m.m.	Any Departure from Approved Plans to be Noted.		IN SHIP. m.m.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	700 ✓		Bracket Floors, Frame	—	
" " from 1/2 length amidships to Collision bulkhead	700 ✓		" " Reversed Frame	—	
" " in peaks	600 ✓		" " Vertical Struts	—	
DE FRAMING.			Centre Girder, depth and thickness amidships	902 x 10.5 ✓	
Frame Amidships, Angle, [or]	200 x 90 x 10 ✓		" " top Angles	75 x 75 x 10 ✓	
" " Extends up to	SHELTER DECK ✓		" " bottom Angles	90 x 90 x 13 ✓	
Reversed Frame Amidships, Angle	—		Side Girders, No. each side and thickness	ONE x 9 ✓	
" " Extends up to	—		Margin Plate depth (excl. of flange) and thickness	730 x 10.5 ✓	
Depth of Framing Girder	—		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	75 x 75 x 8 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	200 x 90 x 10 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	75 x 75 x 8 ✓	
" " Second 'tween Decks, Angle, [or]	—		" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY FRAME x 9 x 4 RIVETS ✓	
" " Third " " " "	—		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	EVERY FRAME x 9 x 7 RIVETS ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	200 x 90 x 10 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1460 x 9 ✓	
" " in Peaks, Angle, [or]	150 x 75 x 9 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" @ 5" APP. ✓		Breadth and thickness of Middle Line Strake	1200 x 10.5 ✓	
State if Frame Joggled	NO ✓		Thickness of remainder in Holds	9 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED ✓		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 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in way of Bridge, Angle, [or]	150 x 75 x 8 ✓	
Floors, Depth and thickness at mid-line in Holds	—		" " Spacing	EVERY FRAME ✓	
Height of Brackets at side above base line at toe of frame	—		Second Deck, amidships, Angle, [or]	150 x 75 x 8 ✓	
Middle Line Keelson, on Floors, Angles, [or]	—		" " Spacing	EVERY FRAME ✓	
" " Through Plate or Inter-costal Plate	—		Third Deck, amidships, Angle, [or]	—	
" " Foundation Plate on Floors	—		" " Spacing	—	
" " Flat Plate Keel Angles	—		Fourth Deck, amidships, Angle, [or]	—	
Side Keelsons, No. each side	—		" " Spacing	—	
" " thickness of Inter-costal Plate	—		Poop Deck, Angle, [or]	—	
" " Angles	—		" " Spacing	—	
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	—	
Solid Floors, thickness and spacing	9 EVERY FRAME ✓		" " Spacing	—	
" " Are Frame and Reversed Frame joggled?	NO ✓		Forecastle Deck, Angle, [or]	150 x 75 x 8 ✓	
Bracket Floors, breadth and thickness at middle line	—		" " Spacing	EVERY FRAME ✓	
" " breadth and thickness at margin plate	—				

PILLARS AND DECKS.

PILLARS, No. of Rows	IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing	BUILT PILLARS AT HATCH ENDS 6.5 E BULKHEAD 115 x 65 x 7.8A ALT. FRs.	
in Holds	BUILT PILLARS AT HATCH ENDS	
Centre Line Bulkhead. (IN HOLDS)	150 x 75 x 8.8A ALT. FRs.	
Stiffeners and Spacing		
Plating, thickness of	6.5	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness	1160 x 11	
in way of Bridge		
Angle	90 x 90 x 11	
Thickness of Plating abreast Deck openings in way of Wells	8.5 E 7.5	
Thickness of Plating abreast Deck openings in way of Bridge		
Thickness of Plating within line of openings	7.5	
If Sheathed, material and thickness		
Second Deck.		
Stringer Plate, breadth and thickness	990 x 8.5	

SHELL PLATING.

SCANTLINGS.				RIVETING.			
STRAKES.	AS IN VESSEL.			EDGES.			
	AMIDSHIPS.	FORWARD.	AFT.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.			
	Breadth.	Thickness.	Thickness.	Thickness.			
Flat Plate Keel	45 1/2	14	14	13			
" Dblg. (if any)							
Bottom Plating, No. of Strakes	75	12	12.5	9			
Bilge Plating, No. of Strakes	68	12	9	9			
Side Plating, No. of Strakes	63	12	9	9			
Upper Deck, Sheer-strake	77	11	9	9			
Upper Deck, Sheer-strake in Bridge	77	12	9	9			
Strake below Sheer-strake in Wells	-	Lower half of G Strake					
Strake below Sheer-strake in Bridge	-	doubled for 8 mm.					
Poop Side Plating	-	F to A Strakes					
Bridge Side Plating	-	increased for 16 mm.					
Forecastle Side Plating	-	8					

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	5
Extending to Upper Deck (Sec. 3 c)	2
Deck next below	3
As per Rule	5

STIFFENERS.

	Plating Thickness. M.M.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	6	115 x 65 x 7.8A							
" " Second	-			645					
" " Third	-			690					
" " Holds	10.7	200 x 90 x 10.8A							
COLLISION (in Hold)	11.7	200 x 90 x 10.8A							
AFTER PEAK	9.5 x 7.5	150 x 75 x 8.8A	700	150 x 75 x 8.8A	460				

STEEL.

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

Has the Steel been tested as required by the Rules?

EQUIPMENT No. 1850

LETTER 5

ANCHORS.

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.
1st Bower	38 3/8	18	35	2 0	Stockless	Not stated	Cardiff 20/10/47
2nd "	38 2 1/4	14	35	17 3 7	"	"	do
3rd "	39 1 0	10	35	5 2 14	"	"	Sunderland 30/11/45
Collective weight	116 3 4	4					
Stream	13 1 14	14			Stockless	No test certificate	

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.		Supplied.	Per Rule.	Per Rule.						Length.	Clr.		Length.	Clr.
44355	215 1/2	1 3/4	55 1/2	7 1/2	346.3	16		Stud links	not stated	Cardiff 20/10/47	TOWLINE	90	4	WIRE	90	4
44357	15	1 1/2	55 1/2	7 1/2	23.0	13		"	"	do	HAWSERS & WARPS	80	3 1/4	"	2@90	2 1/2
46147A	15	1 1/2	55 1/2	7 1/2	23.0	22		"	"	Cardiff 19/11/42	"	450	2 1/4	"	2@90	2 1/4
Stream	75	4 1/2			373.0	23		Ch.			"	180	6	ROPE	2@90	6

Steering Gear, Type (Power or hand) *Hastie's Electric Hydraulic* Alternative Means of Steering *Blocks & tackle to winch*

Steering Chains (Size and Test) *None* Windlass *Steam cpl. 225mm x 250* Boats *2 @ 24'0" lifeboats*

Ceiling in Holds, thickness and material *2 1/2" W.W.* Cargo Battens, thickness, material and spacing *not fitted*

Cargo Hatchways.—(Upper Deck) *34" x 1/2" coamings* Thickness of Hatches *2 1/2"*

Size of Hatchways No. 1 (Fwd.) *22'8" x 18'0"* No. 2 *45'11" x 18'0"* No. 3 *45'11" x 18'0"* No. 4 *-* No. 5 *-* No. 6 *-*

Number of Shifting Beams and/or Fore and Afters *Nº1 = 5, Nº2 = 11, Nº3 = 11*

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) 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 (where required to be inserted in the Notation).

This vessel is a "Hansa" type and was previously classed with Germanischer Lloyd.

The scantlings and arrangements have been examined where exposed and found to be in accordance with the approved plans for this type of vessel.

The Special Survey for classification has been carried out (see Rpt 8) and the vessel's condition and standard of workmanship as now seen is considered to be good and satisfactory. The steering gear, windlass, and bilge suction have been examined under working conditions and found satisfactory.

Particulars of the vessel's equipment were taken from the Test Certificate.

The amount of Entry Fee..... £ : : Fees applied for, 19
Special Survey Fee..... £ : : Received by me, 19
Travelling Expenses, if any..... £ : :
I am of opinion the Vessel should be Classed *100A1 with freeboard "Subject to Annual Examination"*
Signature *Alex M. Hopkins*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *THURS 23 DEC 1948*

Character assigned *100A1 with freeboard subject to annual examination*

10.48 Hull

5.5 Hull 10.48

Cargo battens not fitted

2WTB 216 lb (Sill) F.D.

Write Hull

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 Plans should be embodied.)

"Hansa" type vessel 3,000 tons D.W.

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of Shell and deck plating electric welded.

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

Cruiser Stern, Direction Finder, Echo Sounding Device, Butts of shell and deck plating, Electric welded, Lloyd's A & C.P.

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

1st Bower

2nd "

3rd "

WT OF HEAD

WT OF HEAD & FITTINGS

23-0-10

A.E.G.

5940

23-5-44

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 33 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 108643

Signal Letters G.J.C.B.

Extreme Breadth over Belting

Over-all Length 302'-3" (Circ. 1703)

No. and Material of Decks 1

Deck and Shelter Deck (Steel)

Parts of Bottom of Vessel coated with cement or approved composition. Cement laid on bottom in way of dry tanks under boiler. Bottom in way of F & A peak tanks, double bottom tanks, and bilges all for a aft cement washed only.

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.
Double bottom, aft, Frs 9-45	Feet. 81.0	Tons. 121.5	Fore peak tank,	Feet. —	Tons. 52.5
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	78.5
Double bottom, if under Engines only, Frs 45-58	29.85	87.0	Deep tank, aft,	—	—
Double bottom, if under Boilers only, DRY TANK Frs 8-16	18.35	54.0	Deep tank, forward,	—	—
Double bottom, forward, Frs 66-116	114.8	254.5	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	244.0	517.0	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building



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Total No. of Visits