

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office

MAY -2 1938

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 April 1938*Port of *Helsingfors*No. *1511*Survey held at *Also*Date First Survey *31/7-37*

Last Survey

*15/3**1938*

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

Single screw motor midship "OKSYWIE"

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

Complete Superstructure with T.O.

State Type of Erections

TONNAGE under Tonnage Deck

CLASS *100 A. 1. with Freeb.* State if with freeboard *yes*
Strengthened for navig. in ice as condition of Class *yes*Built at *Rho, Finland*

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

Length from fore part of stem to after part of stern

L *56.00*Launched *16.12.1937* Yard No. *747*

Total

Breadth (greatest moulded)

B *10.20*Builders *Oy Crichton-Vulcan Ab.*

Gross Tonnage

765.86

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

D *6.30*Owners *Zeglaza Polska S.A.*

Tonnage

*341.68*1st Longitudinal Number (L x D) = *358.4*

Managers

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

2nd Numeral L x (B + D) = *929.6*Residence *Gdynia*

REDUCED DIMENSIONS.

FEET. m.

57.44

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

*3.33*Port of Registry *Gdynia**10.23*

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

8.89

If surveyed while building, afloat, or in dry dock

5.57

Draught Moulded

*4.06**while building*

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.
Spacing amidships	<i>760 mm</i>	<i>✓</i>	Bracket Floors, Frame	<i>5 1/2 x 3 x 28</i>	<i>✓</i>
" from 1/2 length amidships to Collision bulkhead	<i>685</i>	<i>✓</i>	" " Reversed Frame	<i>5 2 1/2 x 28</i>	<i>✓</i>
" in peaks	<i>610</i>	<i>✓</i>	" " Vertical Struts	<i>8 3 40-44</i>	<i>✓</i>
MIDG. amidships, Angle, E or C	<i>6" x 3" x 36</i>	<i>✓</i>	Centre Girder, depth and thickness amidships	<i>765 x 10 mm</i>	
" Extends up to	<i>upper dk</i>	<i>✓</i>	" " top Angles	<i>3" x 3" x 36</i>	<i>✓</i>
Frame Amidships, Angle	<i>—</i>		" " bottom Angles	<i>3 1/2 3 1/2 40</i>	<i>✓</i>
" Extends up to	<i>—</i>		Side Girders, No. each side and thickness	<i>—</i>	
Framing Girder	<i>—</i>		Margin Plate depth (excl. of flange) and thickness	<i>700 x 95 mm</i>	<i>✓</i>
in Uppermost Continuous 'tween Decks, Angle, E or C	<i>—</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>3" 3" 30"</i>	<i>✓</i>
Second 'tween Decks, Angle, E or C	<i>—</i>		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	<i>—</i>	
Third " " " "	<i>—</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>2 1/2 2 1/2 36</i>	<i>only in hold 3 on all. frame</i>
om len. for'd. to 15% len. from Stem	<i>6" x 3" x 36</i>	<i>✓</i>	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<i>—</i>	
Peaks, Angle or C	<i>5 1/2 x 3" x 28</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>1120 mm</i>	<i>✓</i>
and Spacing of Rivets through Frame and Shell Plating amidships	<i>19" @ 6 x d</i>		INNER BOTTOM PLATING.		
Frame Joggled	<i>No</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>16 30 x 9 mm</i>	<i>✓</i>
scantlings and arrangements in the Area in accordance with the Rules approved?	<i>yes</i>	<i>✓</i>	Thickness of remainder in Holds	<i>8.5 mm</i>	<i>✓</i>
scantlings and arrangements in way of Bottom Forward in accordance with and/or as approved?	<i>yes</i>	<i>✓</i>	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Boiler and Boiler Room?	<i>yes</i>	<i>✓</i>
BOTTOM.			BEAMS.		
Depth and thickness at mid-line in Holds	<i>—</i>		Uppermost Continuous Deck, amidships in Weller, Angle, E or C	<i>7" 3" 30"</i>	<i>✓ also</i>
Height of Brackets at side above base line at toe of frame	<i>—</i>		" " in way of Bridge, Angle, E or C	<i>5" 2 1/2 33</i>	<i>✓ see plans</i>
Keelson, on Floors, Angles, E or C	<i>—</i>		Spacing	<i>760 mm</i>	<i>✓</i>
" Through Plate or Intercostal Plate	<i>—</i>		Second Deck, amidships, Angle, E or C	<i>7 3 33</i>	<i>✓ also see plans</i>
" Foundation Plate on Floors	<i>—</i>		Spacing	<i>760 mm</i>	<i>✓</i>
" Flat Plate Keel Angles	<i>—</i>		Third Deck, amidships, Angle, E or C	<i>—</i>	
ons, No. each side	<i>—</i>		Spacing	<i>—</i>	
" thickness of Intercostal Plate	<i>—</i>		Fourth Deck, amidships, Angle, E or C	<i>—</i>	
" Angles	<i>—</i>		Spacing	<i>—</i>	
DOUBLE BOTTOM.			Poop Deck, Angle, E or C	<i>—</i>	
Solid Floors, thickness and spacing	<i>85 @ 2, 28 mm</i>	<i>✓</i>	Spacing	<i>—</i>	
" " Are Frame and Reversed Frame joggled?	<i>No</i>	<i>✓</i>	Bridge Deck, Angle, E or C	<i>—</i>	
Bracket Floors, breadth and thickness at middle line	<i>600 x 85</i>	<i>✓</i>	Spacing	<i>—</i>	
" " breadth and thickness at margin plate	<i>—</i>		Forecastle Deck, Angle, E or C	<i>—</i>	
			Spacing	<i>—</i>	

PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	1		
" in 'tween Decks, Size and Spacing <i>2 L</i>	<i>{ WIDELY SPACED 6 3 3/2</i>	✓	
" " " " " <i>Tube</i>	<i>{ EVERY 2ND BEAM 1/40 x 10 mm</i>	<i>108 x 9</i>	✓
" in Holds " " <i>2 L</i>	<i>{ WIDELY SPACED 6 3 1/2</i>	✓	
" " " " " <i>Tube</i>	<i>{ EVERY 2ND BEAM 1/20 x 200 x 11 mm</i>	✓	
Centre Line Bulkhead.			
Stiffeners and Spacing.....	—		
Plating, thickness of	—		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in way of Wells	<i>1550 x 8,5 mm</i>	✓	
" " " " in way of Bridge	—		
" Angle in Wells	<i>3 1/2 3 1/2 34</i>	✓	
Thickness of Plating abreast Deck openings in way of Wells	<i>8,0 mm</i>	✓	
Thickness of Plating abreast Deck openings in way of Bridge	—		
Thickness of Plating within line of openings...	<i>7,5 mm</i>	✓	
If Sheathed, material and thickness	—		
Second Deck.			
Stringer Plate, breadth and thickness in Wells...	—		
Stringer Plate, breadth and thickness in way of Bridge	<i>1550 x 8 mm</i>	✓	
Thickness of Plating abreast Deck openings in way of Wells			
Thickness of Plating abreast Deck openings in way of Bridge	<i>7,5 mm</i>	✓	
Thickness of Plating within line of openings...			
If Sheathed, material and thickness	—		
Third Deck.			
Stringer Plate, breadth and thickness.....	—		
If Plated, state thickness.....			
Fourth Deck.			
Stringer Plate, breadth and thickness.....	—		
If Plated, state thickness			
Poop Deck.			
Stringer Plate, breadth and thickness	—		
Plating, Sheathing, material and thickness ...			
Bridge Deck.			
Stringer Plate, breadth and thickness.....	—		
Plating, Sheathing, material and thickness ...			
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	—		
Plating, Sheathing, material and thickness ...			

[illegible]

Total No. of W.T. BULKHEADS in Vessel—		Four. (4)	
Extending to Upper Deck (Sec. 3 c)	1		
" Deck next below	2		
As per Rule	4	3	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULK'D, Upper tween decks	4s-7	4 x 2 1/2 x 24	775 ft. 27		
" " Second "					
" " Third "	6s-8	5 x 2 1/2 x 28	755 ft. 38		
" " Holds	7-9	6 x 3 x 36	775 ft. 27		
COLLISION	(in Hold)	7s-9s	7 x 3 x 36	610	
AFTER PEAK	" "	7s-14	4 x 2 1/2 x 38	610	15 x 2 1/2 x 28 610

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, thin	FLAT PLATE			
STEM	Roll'd	7 x 1 1/2 x 156	Dorman, Long & Co.	
STERN FRAME { Propeller Post	Cast	285 x 105	Redburn (St. Francis)	
{ Rudder "	"	200 x 125	Swedish	also cast
Speed of Vessel	10 knots.			
RUDDER—Type	as shown			
" A x D	2.51 m.			
" Diam. of head		135 mm		
" Mainpiece at top pintle	CAST	150 x 95		
" " heel ...	"			
" how constructed	Cast	as per Plans		
" double or single plate	double pl.			
" 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)
Morris Brown & Fawcett Ltd. Dundee Open hearth process
Dorman, Lang & Co. Ltd.
Has the Steel been tested as required by the Rules? *Yes*

Number of Certificate.	Anchors.	WEIGHT, Lbs. STOK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 55.		Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Gws.	qrs.	lbs.	Gws.	qrs.	lbs.	Tons.	gws.	qrs.	lbs.	Gws.					
50737	1st Bower ...	21	1	0				21	16	1	0	✓		Britannic	R. Sykes	Cadley Heath 18.8.37	Paul
50739	2nd „ ...	18	0	7	✓			19	2	0	21	✓		„	„	—	—
50650	3rd „ ...	22	1	24	✓			22	15	0	0	✓		„	„	—	7.7.37
	Collective weight.	61	3	3	✓							✓	60%				
	Stream	5	2	26	✓	1	2	6	✓	8	0	2	14		ard. Forg. W.I.	—	20.7.37

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.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Ins.	Fathoms.	Ins.	Length.	Cir.
55096	210	1 1/8	34	51	203-1-21	203	210	1 1/8	Steel line	R. Sykes	Cradley Heath 30 & 37. Paul	TOWLINE..	90	3	20.19	90	3	
												HAWSERS & WARPS	"	2 1/4	11.54	"	2 1/4	
												"	"	1 3/4	6.42	"	1 3/4	
Stream or Steel Wire	60	3/4		22.94			60	3/4	wire	The British Wire Rope Corp.	Kilometersham 13. 11. 37. Johnson							

Steering Gear, Type (Power or hand) Electrical, working on quadr. Alternative Means of Steering Handgear

Steering Chains (Size and Test) _____ Windlass Electr. Boats 2 off 21'

Ceiling in Holds, thickness and material 2 1/2" W.W. Cargo Battens, thickness, material and spacing 2" W.W. Space 230 mm

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS. Thickness of Hatches 600 mm W.W.

Size of Hatchways No. 1 (Fwd.) 5.65 x 4.0m No. 2 6.08 x 4.0m No. 3 7.6 x 4.0m No. 4 — No. 5 — No. 6 —

Number of Shifting Beams 3 3 4

Builder's Signature *O.Y. CRICHTON-VULCAN A.B.*
Samuel H. Crichton

Motorship carrying diesel oil fuel in double bottom tanks. F.P. above 150°F. The material and workmanship is good. The vessel has been built in accordance with the approved plans and in conformity with the Rules for the class contemplated. The decks, tanks, bulkheads, tunnel and watertight door has been tested in accordance with the Rules. The requirements of section 20 & 40 of the Rules have been complied with. ✓
Lubricating oil is carried in the double bottom under the engine. ✓ The freeboards have been verified and the marks cut in on the ship's sides. ✓

The amount of Entry Fee ^{Free. London & H: 0: 0} £ 4: 0: 0
 London 34: 9: 6
 Special Survey Fee ^{4: 0: 0} £ 7: 13: 0
 Travelling Expenses, if any £ 2: 11: 6
 " " Free 3000: -
 State whether the Vessel has been built under Special Survey ☒

Fees applied for, 19
 Received by me, 29/7/38
 I am of opinion the Vessel should be Classed ^{£100A1} with free. ^{1/18} 1/18
 Strongly recommended for navigation in ice
 Signature J. H. Henshaw, Olin T. Gleason
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to ^{Helmingford} Date of issue ^{29/7/38}

Committee's Minute
Character assigned

FRI 6 MAY 1988
+ 100 A
high freeboard + dmc 3.38
Strengthened for Navigation in Ice CB 43.60
Lloyds ASD Cl.
Oil Eng.
Lloyd's Register Foundation

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 plans showing vessel as built, are under preparing at the Builders drawing-office, and will be sent later. These plans are now in my hand and are hereby attached. 6 approved plans — of the ship 747-748 are herewith attached.

Forgings and castings Reports in respect of:- Rudder post, Stemframe & Rudderframe; Rudder Ladderant.

PARTICULARS OF ELECTRIC WELDING (if employed) ✓

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

in ice. cruiser stern. Strengthened for navigation

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Anchor head w.t 12-3-1	Drop test 15'	Cent. No. 4461 (Outwarp)	R.L. 29.5.36.
	2nd "	" " " 11-0-4	" 15'	" 6683	" W.H. 7.5.37
	3rd "	" " " 13-2-9	" 15'	" 2341	" F.R. 21.5.37

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 SOBK Extreme Breadth over Belting 10, 23 m Over-all Length 60, 1 m
No. and Material of Decks 2 Decks, at hold No 3 only 1 deck 1st except aft. hold & shell, etc.
Parts of Bottom of Vessel coated with cement or approved composition frames, bilge & water lowest tanks pt cem
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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	12, 1 m.	48, 0	Fore peak tank,	5, 0 m.	23, 5
Double bottom, under Engines and Boilers,			After peak tank,	4, 3 m.	33, 5
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	24, 4 m.	117, 5	Other tanks, if fitted,		
Total length (if continuous) and Capacity	36, 5 m.	165, 5	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building

31/7-37 to 15/3-38 about one visit every week



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Lloyd's Register Foundation
Total No. of Visits 30

Order form not available 28.4.39