

State if Report is sent on the Machinery of the Vessel.....YES

No. 18582

Last Survey 16th July 1926

Meby. anidshipo.

Full Scanline

State Type of Erections *Bridge & Lill*

CLASS \times 100 A1.

State if with freeboard }
as condition of Class }

NO.

Built at Port Glasgow

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

L 389.5

Launched 31st May 1926. Yard No. 350

Total 5073.44

Breadth (*greatest moulded*) **B** 53.75

Builders *The Clyde S.B. & Eng. Co. Ltd.*

Gross Tonnage 5607.25

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 32

Owners *Pickmorska Flodiba* D.D.

Register Tonnage.....3517.56

1st Longitudinal Number (L x D)..... = 12464

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length 390.1

Breadth 54.0

Depth 29.6

Framing Depth "d," at middle of length. See } 18.12
Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 12.17

Do. Long Bridge to top } 2.73

Draught Moulded 25-4³/₄

FRAMES DOUBLE BOTTOM AND

Residence *Lusak, Yugo Slavia*

Port of Registry *Susak*

If surveyed while building, afloat, & in dry dock

Yes

FRAMES, DOUBLE BOTTOM AND BEAMS.

im, 7, 25. T.

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.....	2 ROWS				Stringer Plate, breadth and thickness in way of Bridge	47	34		
„ in 'tween Decks, Size and Spacing.....	WIDE SPACED				Thickness of Plating abreast Deck openings in way of Wells		35		
„ „ „ „ „	PILLARS &				Thickness of Plating abreast Deck openings in way of Bridge		30		
„ in Holds „ „	GIRDERS AS				Thickness of Plating within line of openings...		33		
„ „ „ „ „	APPROVED.				If Sheathed, material and thickness				
Centre Line Bulkhead. IN HOLDS & 'TWEEN DECK'S.					Third Deck.				
Stiffeners and Spacing... IN. HOLDS.....	9 3 1/2	52	ON ALT. FRAMES.		Stringer Plate, breadth and thickness.....				
„ „ „ „ „ IN TW. D ^H AVG.	5 1/2 3	42			If Plated, state thickness.....				
Plating, thickness of „ IN HOLDS.....		30							
„ „ „ „ „ IN TW. D ^H „		26							
STRINGERS AND DECK'S.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	56 1/2	79			If Plated, state thickness				
„ „ „ „ in way of Bridge	56 1/2	39							
„ Angle in Wells	6 6	79			Poop Deck.				
Thickness of Plating abreast Deck openings in way of Wells		60			Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Bridge		35			Plating, Sheathing, material and thickness ...				
Thickness of Plating within line of openings...		40			Bridge Deck.				
If Sheathed, material and thickness					Stringer Plate, breadth and thickness.....	56 1/2	47		
Second Deck.					PLATING „		36		
Stringer Plate, breadth and thickness in Wells...	47	39			Plating, Sheathing, material and thickness ...	P. P.	2 1/2		
					Forecastle Deck.				
					Stringer Plate, breadth and thickness.....		34		
					Plating, Sheathing, material and thickness ...		34		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? 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.									
FLAT PLATE KEEL	49 $\frac{1}{2}$	.79	.69	.69		DOUBLE	1	3 $\frac{3}{4}$	4-3	1	3 $\frac{1}{2}$	LAPPED.
" DBLG. (if any)													
BOTTOM PLATING, No. of Strakes .....4.....		.62	.47	.48		DOUBLE	$\frac{7}{8}$	3 $\frac{3}{4}$	4-3	$\frac{7}{8}$	3 $\frac{1}{2}$	LAPPED.	
BILGE PLATING, No. of Strakes .....1.....		.62	.47	.47		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes .....4.....		.62	.45	.45		"	"	"	3	"	3 $\frac{1}{2}$	"	
UPPER DECK, Sheer- strake in Wells.....	65 $\frac{1}{4}$	.78	.45	.45		"	"	"	4-3	1	4	"
UPPER DECK, Sheer- strake in Bridge ...	81 $\frac{1}{4}$	.62				"	"	"	3	$\frac{7}{8}$	3 $\frac{1}{2}$	"
STRAKE BELOW Sheer- strake in Wells.....	65	.67	.45	.45		"	"	"	4-3	"	3 $\frac{1}{2}$	"	
STRAKE BELOW Sheer- strake in Bridge ...	65	.62				"	"	"	3	"	3 $\frac{1}{2}$	"	
POOR SIDE PLATING.....													
BRIDGE SIDE PLATING ...	80 $\frac{3}{4}$	.61				DOUBLE	$\frac{7}{8}$	3 $\frac{3}{4}$	3	$\frac{7}{8}$	3 $\frac{1}{2}$	LAPPED.
FORE'C'TLE SIDE PLATING			.40			SINGLE.	$\frac{3}{4}$	2 $\frac{6}{8}$	2	$\frac{3}{4}$	2 $\frac{5}{8}$		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		SEVEN.	
Extending to Upper Deck (Sec. 3 c)		SIX.	
,, Deck next below		ONE.	
As per Rule		SIX, TO UPPER DECK.	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	27/26	ANG. 6 x 3 x 38	30"	✓	✓
Second	✓	✓	✓	✓	✓
Third	✓	✓	✓	✓	✓
Holds	27/29	B.P. 12 x 3 1/2 x 48	30	✓	✓
COLLISION	51/36	B.P. 10 x 3 1/2 x 54	24	1 STR. ONE IN	QUARTER SOLE.
AFTER PEAK	46/34	B.P. 12 x 3 1/2 x 60	24	2 1/2 x 3 x 46	TUNNEL RECESS.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	PLATE	PLATE KEEL.		
STEM	ROLLED STEEL BAR.	$9\frac{1}{2} \times 2\frac{5}{8}$ "	J. HICKMAN.	
STERN FRAME	{ Propeller Post	CASTING	$10\frac{1}{2} \times 7\frac{1}{2}$ "	OTTO GRUSON
	{ Rudder "	"	$9 \times 7\frac{1}{2}$ "	& C?
RUDDER—A×D.....		537		
Speed of Vessel.....		10 KNOTS		
RUDDER mainpiece at head ...	FORGING	$10\frac{1}{2} \times 9\frac{1}{2}$ "	THE CLYDE	
" " heel ...	"	$7\frac{1}{2}$ "	SABRE?	
" how constructed	FORGED & BUILT.			
" double or single plate	SINGLE	1×10 "		
" coupling, vertical or				
" horizontal.....	VERTICAL.			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
SKIDNINGGROVE IRON WORKS, PHOENIX, D. COLVILLE, W^o BEARDMORE, THE STEEL COMPANY OF SCOTLAND,
FRODINGHAM IRON & STEEL WORKS, GUTCHHOFFENUNGSMÜTTE, AUGUST THYSSSEN-HÜTTE, N.V. ROLO DEN HAAG, NERNS
Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 34781										LETTER H		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.				
29410	1st Bower ...	60	2	0	STOCKLESS	48	12	2	0	60	RYERS.	NOT STATED.	SUNDR. 27.4.26. RUTHER.		
29411	2nd „ ...	60	1	0	“	48	10	0	0	60	“	“	“		
29412	3rd „ ...	50	3	0	“	42	16	3	14	50½	“	“	“		
	Collective weight.	171	2	0						170½					
59347	Stream	16	2	14	4	1	21	17	18	1	21	16½	ORDINARY.	NOT STATED. TIPTON 28.1.26. 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.		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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
60815	270½	2½	86½	120½	646.2.6			645½	270	2½	STUR LINK.	NOT STATED	TIPTON 11.1.26	TOWLINE...	120	2½	47	120	2½	
Steam Steel Wire	90	Cir. 4¼	1	47					90	Cir. 1¼	G.S.W.				HAWSERS & WARPS	20.90	2½	15½	20.90	2½
															"	90	2½	12½	90	2½
															"	20.90	7	10½	90	7
															"	20.90	8	"	"	"
Steering Gear Steam															20.120	4	"	"	"	

Steering Gear, Steam *AMIDSHIPS*, BY J. HASTIE & CO. Steering Gear, Hand *FT. 7" SCREW*, BY J. CRAWFORD & SONS.

Boats } 2 STEEL LIFE. 28 FT.
1 MOTOR BOAT. 19 FT.
1 DINGHY 15 FT.
Steering Chains, Size and Test *1½" DIA. SHORT LINK. 27 TONS.* Windlass IS STEAM BY CLARK & CHAPMAN.

Ceiling in Holds, thickness and material *2½" WHITE PINE OVER LIMBERS.* Cargo Battens, thickness, material and spacing *2" WHITE PINE 9" APART.*
UNDER MATCHWAYS.

Cargo Hatchways.—(Upper Deck) *FORMED OF STEEL PLATES & ANGLES.* Thickness of Hatches *3" SOLID WHITE PINE.*

Size of No. 1 Hatchway (Forward) *24' x 20'* No. 2 *27'6" x 20'* No. 3 *17'6" x 20'* No. 4 *12'6" x 20'* No. 5 *25' x 20'* No. 6 *25' x 20'*

Number of Shifting Beams *and for Fore and Afters* *4 IN N° 1-5 & 6, 5 IN N° 2, 3 IN N° 3, 2 IN N° 4.*

THE GLYDE SHIPBUILDING & ENGINEERING CO., LIMITED,

Builder's Signature *Robert Wood* Director.

GENERAL DECLARATION *The vessel has been built in accordance with the approved plans, instructions and printed Rules of this Society.*
The materials and workmanship are of good quality. The freeboard has been verified and the marks cut in on the vessel's sides.
The peak tanks, deep tank, double bottom tanks, watertight bulkheads, tunnel, watertight door, chain locker, and weather decks have been tested as required by the Rules and found satisfactory.

An interim certificate has been issued, Copy attached.

The amount of Entry Fee £ *9 : 0 : 0* Fees applied for, *17th July 1926*
Special Survey Fee.... £ *340 : 3 : 6* Received by me, *1.9.26*
FREEBOARD *11 : 0 : 0*
Travelling Expenses, if any £
I am of opinion the Vessel should be Classed *+ 100 F.I.*
State whether the Vessel has been built under Special Survey *YES.* Signature *H. L. Swinton.*
Surveyor to Lloyd's Register of Shipping.
Hull & McHugh *Glasgow* Certificate to be sent to *Glasgow* Date of issue *2/9/26*

Committee's Minute *FRI. 23 JUL 1926*
Character assigned *100 F.I.*

Lloyd's A.C.P. *+ L.M.C. 4.26*
F.D.
C.R.

Write Gls. 23/7/26

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 vessel to S. S. 'PERLA' G.R. Regt. No. 18506
" " " 'SPARABIA' " " 18530

List of plans:

Midship Section

Profile & Deck plans.

Sternframe & Rudder.

Peak Bulkheads.

Deep tank.

Second deck plating in way of Boiler casing.

Logging Reports (4).

Midship Section as Built

Profile & Dk. plans " "

also the following plans for sister vessels 'PERLA' & 'SPARABIA' (endorsed for S. S. 'ZVIR')

Pillars & Girders

Middle Line Bulkhead.

Tunnel plan.

Riveting of tank side brackets in line of gussets

Shell expansion.

Pumping Arrangement

Rudder Quadrant.

Lead of steering chains

Steam steering gear.

Note: On account of damage sustained to Port bow by striking Quay wall while entering Elderslie Dry Dock for bottom painting on 12th July 1926, the following repairs were carried out while in dry dock:
W. 4 shell plate (from stem) on 3rd strake below sheer faired in place.
Shell flange of one frame faired in place.
Rivets in butt of W. 3 & 4 plates cut out, plates faired in way of same and riveted. A number of frame rivets renewed.
Shell caulking overhauled and made good.

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

1st Bower WEIGHT OF HEAD 34-0-15, SURV. INLS. K.H. N^o OF CERTIF. 3807, DATE OF TEST 30-3-26
2nd " " 35-0-18, " K.H. " 3800, " 30-3-26
3rd " " 29-0-24, " K.H. " 3757, " 23-2-26

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 125 ft., Forecastle 25 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) 2 Dks. (Stl.)

Official No. ; Signal Letters Is bottom of Vessel coated with cement if not give

particulars of composition WHOLLY CEMENTED IN ENG. & BOILER ROOM TANKS, CEMENT FILLETS ELSEWHERE.
See off Rpt 47996 nos 2 & 3 DB tanks have now been cemented throughout in bottom

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	115	325	Fore peak tank,		122
Double bottom, under Engines and Boilers,	57.5	329	After peak tank, LOWER 60 TONS, UPPER 198		258
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	32.5	906
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	165.5	579	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		1233	(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. 3153

Date 29-5-25.

Dates of Surveys held while building

(1925) Oct. 6. Nov. 3. 19. 24. 25. Dec. 2. 4. 9. 11. 15. 17. 21. 24. 29. (1926) Jan. 6. 8. 12. 15. 19. 27. Feb. 2. 4. 8. 12. 16. 19. 23. 25. Mar. 1. 4. 8. 10. 12. 16. 19. 23. 25. 30. Apr. 1. 6. 8. 13. 20. 23. 27. 28. 30. May 5. 7. 10. 12. 13. 14. 18. 21. 25. 26. 27. 31. June 2. 3. 9. 14. 16. 23. 29. July 8. 9. 13. 14. 15. 16.

Total No. of Visits 73