

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

No. 18965

Last Survey 29th September 1928

SINGLE SCREW STEAMER "TOMISLAY"

FULL SCANTLING

State Type of Erections ~~POOP~~ BRIDGE FLE

CLASS 100.A.1.

State if with freeboard } No
as condition of Class }

Built at PORT GLASGOW

Length from fore part of stem to after part of stern } **L** 402
post on summer L.W.L. See Sec. 3 (1a) }

Launched AUG^T 21ST 1928 Yard No. 386

Builders **ROBERT DUNCAN & Co.**

Total

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } D 29.83

Owners JUGOSLOVENSKO-AMERIKANISKA PLOVIDBA.

Gross Tonnage 5386.80

deck. See Sec. 3 (1c)

Managers % BABURIZZA & Co. LTD
(Where necessary to be entered in Reg. Book.)

Register Tonnage..... 3272.19

2nd Numeral $L \times (B + D) \dots\dots\dots = 32996.18$

Residence LONDON

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See 17-81
Sec. 3 (1d)

Port of Registry DUBROVNIK

Length 403.0

Proportions—*Depth to Length*—Uppermost con- } 13.47

If surveyed while building, afloat, or in dry dock

Breadth 52.45

tinuous deck to top of keel)
Do. Long Bridge to top) 10.69

BUILDING & AFLOAT.

Depth 27.5

Draught Moulded 24-3 1/4

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	28"		Bracket Floors, Frame	BA * 8 1/2 3 1/2 41 App 8 1/2 x 3 1/2 x 43
" " from 1/4 length to Collision bulkhead.....}	27"		" " Reversed Frame	BA * 8 3 42 8 x 3 x 43
" " in peaks.....	24"		" " Vertical Struts	PLATE 22 x 38
SIDE FRAMING.			Centre Girder, depth and thickness amidships	40 3/4 x 52
Frame Amidships, Angle, E or F	* 10 3 1/2 41	App 10 x 3 1/2 x 46	" " top Angles	3 1/2 3 1/2 50
" " Extends up to	2 ND DECK.		" " bottom Angles	4 4 56
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE - 38
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	38 x 50
Depth of Framing Girder	10		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2 3 1/2 44
Frames in Uppermost Continuous (tween) Decks, Angle, E or F	* 7 3 1/2 38	7 x 3 1/2 x 37	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	3 1/2 3 1/2 44
" " Second (tween) Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem	EVERY FRAME 6 RIVETS TO T.S. BACK T.S. 64 x 44
" " Third " " " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem	
Framing in Peaks, Angle or F	* 7 1/2 3 38	7 1/2 x 3 x 37	Tank Side Brackets, height above base line at toe of Frame and thickness	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" DIA SPACED 6"		INNER BOTTOM PLATING.	
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake	72 x 47
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)			Thickness of remainder in Holds	42
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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
SINGLE BOTTOM.			BEAMS.	
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6 1/2 3 1/2 37
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	6 1/2 3 39
Middle Line Keelson, on Floors, Angles, E or F			Spacing	28
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, E or F	7 3 32
" " " Foundation Plate on Floors			Spacing	28
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	
Side Keelsons, No. each side			Spacing	
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or F	
" " Angles			Spacing	
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	6 1/2 3 40
Solid Floors, thickness and spacing	38 EVERY 3 RD		Spacing	28 x 24
" " Are Frame and Reversed Frame joggled ?	YES		Bridge Deck, Angle, E or F	6 1/2 3 40
Bracket Floors, breadth and thickness at middle line	32 x 38		Spacing	28
" " breadth and thickness at margin plate	42 x 38		Forecastle Deck, Angle, E or F	7 1/2 3 42
			Spacing	27

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.....	TWO ROWS OF		Stringer Plate, breadth and thickness in way of Bridge	47" x 36	
" " in 'tween Decks, Size and Spacing.....	WIDE SPACED PILLARS + GIRDER C.L. BHD IN HOLDS & IN TWEEN DECKE		Thickness of Plating abreast Deck openings) in way of Wells	34	
" " " " " "			Thickness of Plating abreast Deck openings) in way of Bridge	32	
" " in Holds			Thickness of Plating within line of openings.....	.314-30	
" " " " " "			If Sheathed, material and thickness	NOT SHEATHED	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	* BA 9x3 1/2 x 56 SPACED 56	App'g 9 1/2 x 3 1/2 x 51 BA	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....	.30		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	56 x .91		If Plated, state thickness		
" " " " " " in way of Bridge	56 x .39		Poop Deck.		
" Angle in Wells			Stringer Plate, breadth and thickness	35 x .34	
Thickness of Plating abreast Deck openings) in way of Wells .....	.64		Plating, Sheathing, material and thickness	26, 5 x 3 P.P.S HEATHING	
Thickness of Plating abreast Deck openings) in way of Bridge .....	.34		Bridge Deck.		
Thickness of Plating within line of openings....	.42		Stringer Plate, breadth and thickness.....	56 x 48	
If Sheathed, material and thickness	NOT SHEATHED		Plating, Sheathing, material and thickness ...	.42	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells....	47" x .39		Stringer Plate, breadth and thickness.....	34 x .34	
			Plating, Sheathing, material and thickness .....	.34 SHEATHED IN WAY OF WINDLASS	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	49	.78	.68	.68	✓	✓	DOUBLE	1"	4"	FOUR	1"	4"	LAPPED
" DBLG. (if any)													
BOTTOM PLATING, No. of Strakes	THREE	.60	.46	.46	✓	✓	---	7/8	3 1/2	THREE	7/8	3 1/8	"
BILGE PLATING, No. of Strakes	ONE	.60	.46	.46	✓	✓	---	7/8	3 1/2	---	7/8	3 1/8	"
SIDE PLATING, No. of Strakes	THREE	.60	.44	.44	✓	✓	---	7/8	3 1/2	---	7/8	3 1/8	"
UPPER DECK, Sheer-strake in Wells.....	50	.92	.44	.44	✓	✓	---	1"	4"	FIVE	1"	4 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	50	.60	✓	✓	✓	✓	---	7/8	3 1/2	THREE	7/8	3 1/8	"
STRAKE BELOW Sheer-strake in Wells.....	66	.72	.44	.44	✓	✓	---	7/8	3 1/2	FOUR	7/8	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge ...	66	.60	✓	✓	✓	✓	---	7/8	3 1/2	THREE	7/8	3 1/8	"
POOP SIDE PLATING .....				.38	✓	✓	SINGLE	3/4	3"	SINGLE	3/4	2 5/8	"
BRIDGE SIDE PLATING ...	92 1/2	.57			✓	✓	DOUBLE	7/8	3 1/2	THREE	7/8	3 1/8	"
FOREC'TLE SIDE PLATING				.40	✓	✓	SINGLE	3/4	3"	SINGLE	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Total No. of W.T. BULKHEADS in Vessel—			SIX.			
Extending to Upper Deck (Sec. 3 c)			FIVE			
Deck next below			ONE			
As per Rule			SIX.			
MIDSHIP BULKH'D, Upper tween decks		27-26	AH ₄ , 5x3x31	32½	✓	✓
"	" Second "					
"	" Third "					
"	" Holds	46-29	BA 12 3/4 x 49	28½	✓	✓
COLLISION	" (in Hold)	52-34	BA 8x3 1/2 x 48	24"	2 SEMI-BOX BEAMS	
AFTER PEAK	"	48-30	BA 6 1/2 x 3 x 40	24"	3 RD DECK TUNNEL RECES	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM		ROLLED BAR $9\frac{1}{2} \times 2\frac{1}{2}$		
STERN FRAME { Propeller Post		CASE $10\frac{1}{2} \times 7\frac{1}{2}$	WITKOWITZER BERG	
{ Rudder		STEEL $9 \times 7\frac{1}{2}$	4 EISENH.	
RUDDER—A × D		443		
Speed of Vessel		UNDER 12 KNOTS.		
RUDDER mainpiece at head	FORGING	10"	SKODA WORKS LTD	
" " heel		7 1/2		
✓ " how constructed		FORGED ARMS SHRUNK ON MAINPIECE		
✓ " double or single plate		SINGLE 1.05 THICK		
✓ " coupling, vertical or horizontal		VERTICAL 8-3" BOLTS		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS
BEARDMORE, DUNLOP, COLVILLE, LANARKSHIRE, STEEL CO OF SCOTLAND, SCOTTISH IRON & STEEL CO.

Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. 34585

LETTER Y

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
31281	1st Bower ...	Cwts. qrs. lbs. 60 3 0	Stockless	Tons. cwt. qrs. lbs. 48 15 0 0	60	BYERS IMPROVED	✓	SUNDERLAND 9/28 J.H. BUTLER.
31333	2nd „ ...	60 0 0	—	48 7 2 0	60	„	✓	„ 28/28 „
30398	3rd „ ...	50 2 7	—	42 15 1 7	50½	„	✓	„ 12/10/28 „
	Collective weight.	171 1 7			170½			
17389	Stream	16 2 0	4 0 14	17 16 0 0	16¼	COMMON ANCHOR.	RSYKES & SON LTD	CARDIFF 30/28 A JONES

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.	Statutory. Breaking.	Supplied. Per Rule.	Length. Diam.					Length. Cir.	Tons.	Length. Cir.
31853	270 2 3/16 8 6/8	120/2	649.3.0 645 3/4	270 2 3/16 8 6/8	SPADLINK	RSYKES & SON LTD	CARDIFF 25/28 A JONES.	TOWLINE...	120 4 3/4	47	120 4 3/4
								HAWSERS & WARPS	2@90 2 3/4	15 1/2	2@90 2 3/4
									2@90 2 1/2	12 1/2	2@90 2 1/2
from Stream	90 4 3/4	47.		90 4 3/4							
Steel Wire											

Steering Gear, Steam **HASTIE'S** Steering Gear, Hand **RELIEVING TACKLE WORKED FROM AFTER WINCH.**

Boats **2-24' LIFEBOATS** Steering Chains, Size and Test **1 1/16 Dia; 24 3/4; N°73929, NETHERTON** Windlass **CLARKE CHAPMAN.**
2-18' DINGHYS

Ceiling in Holds, thickness and material **NO CEILING ON TANK TOP OVER BILGES ONLY.** Cargo Battens, thickness, material and spacing **6x2 W.P SPACED 9" APART.**

Cargo Hatchways.—(Upper Deck) **STEEL PLATES & ANGLES** Thickness of Hatches **2 1/2" SOLID**

Size of No. 1 Hatchway (Forward) **24'9" x 20' No. 2 37'4" x 20' No. 3 23'4" x 20' No. 4 39'8" x 20' No. 5 28' x 20' No. 6 ✓**

Number of Shifting Beams and/or Fore and Afters **N°1 = 4 : N°2 = 7 : N°3 = 3 : N°4 = 8 : N°5 = 5.**

Builder's Signature

Robert Duncan Gray Esq.
per Alex. Kelly

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans and in general conformity with the Society's rules for the class contemplated.

The workmanship is good and the materials used in the vessels construction are also good. The freeboard has been verified & the marks cut in on the vessels sides.

The double bottom tanks, after peak tank, deep tank & the fore peak have been tested to rule requirements & found satisfactory.

The weather decks, W.P. bulkheads, & tunnel were hose tested & found satisfactory.

A letter from the Owners regarding the omission of the Lower Deck bulkhead in the after hold is forwarded with this report.

The amount of Entry Fee £ 9 : 0 : 0
 Special Survey Fee.... £ 334 : 13 : 6
 FREEBOARD. 10 : 1 : 8
 Travelling Expenses, if any £ : : :

Fees applied for,

3RD OCTOBER 1928.

Received by me,

9.10.28

I am of opinion the Vessel should be Classed **100 A1**

INT. TWEENDK BHD IN AFTER HOLD
 DISPENSED WITH
 5 BHP'S TO UPPER DK, 1 BHP TO 2ND DK

State whether the Vessel has been built under Special Survey **YES**

Signature

Kenneth Inglis

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **GREENOCK OFFICE** Date of issue **15/10/28**Committee's Minute **GLASGOW 9 OCT 1928**Character assigned **1-100 A1**

9.28.

Lloyd's A.C.P.

+ L.M.C. 9.28 J.D.

Intermediate Tw.DK. B.H. in after hold dispensed with
 5 BHP to Upper DK 1 BHP to 2ND DK

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.)

This vessel is a sister vessel of Messrs R Duncan & Co's No 387 now building and the plans now forwarded should be returned to this office for dealing with the sister vessel.

The following approved plans, together with the plans of midship section & profile & deck plans as built and the forging reports, are enclosed herewith.

Midship Section.
Profile & Deck plans.
Rudder & Stern frame.
Pillars & girders.
Deep tank, bulkheads & tunnel.
Fore & Aft end stiffening.
Bridge end stiffening.
Gimmed pillars & girders.
Pumping arrangement.
Forging reports

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

1st Bower 35.1.12: M.B. : 3680 : 30.5.28:
2nd „ 35.2.4: K.H. : 5496 : 28.6.25:
3rd „ 28.2.21: M.B. : 3312 : 14.9.27:

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 37.75 ft., R.Q.D. ft., Bridge 133 ft., Forecastle 36.9 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 YES. if not g

particulars of composition CEMENT FILLETS THROUGHOUT TANKS AS PER RULES. WHOLLY CEMENTED UNDER ENGINES BOILERS

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Ca Ton
Double bottom, aft,	121.3	340	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	21	90	Deep tank, aft, MIDSHIPS.	35	96
Double bottom, if under Boilers only DRY TANK, W.T. COMPARTMENT	18		Deep tank, forward,		
Double bottom, forward,	182	620	Other tanks, if fitted,		
Total capacity of double bottom		1050	(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. 3243

Date 18th November 1924

Dates of Surveys held while building

(1928) Feb. 1. 2. 8. 10. 21. 24. 28. Mar. 6. 9. 12. 14. 16. 20. 22. 26. April 3. 9. 11. 14. 30. May 3. 8. 9. 11. 14. 23. 25. 29. 31. June 5. 4. 11. 13. 20. 21. 25. July 4. 10. 11. 13. 14. 20. 24. Aug. 1. 8. 9. 13. 15. 16. 20. 21. 24. 28. 31. Sept. 6. 12. 13. 25. 26. 29.