

State if Report is sent on the Machinery of the Vessel..... 72

Port of

No. 100766

Date First Survey

9² March

Last Survey 22nd September

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

SINGLE SCREW STEEL FERRY STEAMER "TUZLA"

MACHINERY FITTED AFT

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

State Type of Erections

TONNAGE under } 548.06
Tonnage Deck ...

CLASS **100 A.1** "WITH FREE BOARD" *State if with freeboard* } **YES**
as condition of Class }

Built at... WALKER - ON - TYNE

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

Length from fore part of stem to after part of stern } 178'-9"
post on summer L.W.L. See Sec. 3 (1a)

Launched 28TH JULY 1942

Yard No. 1752.


Total ✓

Breadth (greatest moulded) B 40'0"

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 15'0"

Builders MESSRS SWAN, HUNTER & WIGHAM RICHARDSON LTD

Gross Tonnage 716.3

1st Longitudinal Number (L \times D).....= 

Owners

Register Tonnage 267.0

2nd Numeral $L \times (B + D)$ = 9831.25

Managers

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

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

Residence

length 179.5'

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

Port of Registry

Breadth 40.2'

Do. Long Bridge to } ✓
top of keel }

If surveyed while building, & afloat, ~~or in dry dock~~

Depth 11.0'

Draught Moulded $q-1\frac{3}{8}$

YES

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	22"	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	22"	
" " in peaks	22" AT AFT PEAK 20" FORE PEAK	
SIDE FRAMING.		
Frame Amidships, Angle, \square or \square	5' 3' 28" 5' x 3' x 25"	
" " Extends up to UPPER DECK.....		
Reversed Frame Amidships, Angle	3' 3' 5/16"	
" " Extends up to	UPPER TURN OF BILGE.	
Depth of Framing Girder.....	5'	
Frames in Uppermost Continuous 'tween Decks, Angle, \square or \square		
" " Second 'tween Decks, Angle, \square or \square		
" " Third		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem		
" " in Peaks, Angle \square or \square	4' 3' 5/16"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" DIA. 5 1/4"	
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.		
Floors, Depth and thickness at mid-line in Holds.....	21' x 34'	
Height of Brackets at side above base line at toe of frame.....		
Middle Line Keelson, on Floors, Angles, \square or \square	10' x 3 1/2' x 7/16"	
" " Through Plate or Inter-costal Plate	38"	
" " Foundation Plate on Floors		
" " Flat Plate Keel Angles	3' 3' 3/8"	
Side Keelsons, No. each side.....	TWO	
" " thickness of Intercoastal Plate.....	30"	
" " Angles	6' 3' 3/8" TOP	
DOUBLE BOTTOM.		
Solid Floors, thickness and spacing	38" 22"	
" " Are Frame and Reversed Frame joggled ?	YES	
Bracket Floors, breadth and thickness at middle line		
" " breadth and thickness at margin plate.....		
Bracket Floors, Frame		
" " Reversed Frame.....		
" " Vertical Struts		
Centre Girder, depth and thickness AFT amidships	32' x 33"	
" " top Angles	4' 3' 3/8"	
" " bottom Angles.....	3' 3' 3/8"	
Side Girders, No. each side and thickness ONE.....	3/8"	
Margin Plate depth (excl. of flange) and thickness	20' 32"	
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem AFT.....	3' 3' 5/16"	
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....		
" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area		
Tank Side Brackets, height above base line at toe of Frame and thickness	32' 30'	
INNER BOTTOM PLATING.		
Breadth and thickness of Middle Line Strake.....	82' x 7/8"	
Thickness of remainder in Holds	32"	
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 ?		
BEAMS.		
Uppermost Continuous Deck, amidships in Wells, Angle, \square or \square	8' 3' 38" TO 1' x 3' x 32"	
" " in way of Bridge, Angle, \square or \square		
Spacing	22' - 20'	
CABIN		
Deck, amidships, Angle, \square or \square	5' 3' 3/8"	
Spacing	44"	
Third Deck, amidships, Angle, \square or \square		
Spacing.....		
Fourth Deck, amidships, Angle, \square or \square		
Spacing.....		
Poop Deck, Angle, \square or \square		
Spacing.....		
BOAT.		
Deck, Angle, \square or \square	4' x 3' x 5/16" SPACED 25" TO 30" APART 6' x 3' x 3/8" SPACED ABOUT 36" APART	
Spacing.....		
Forecastle Deck, Angle, \square or \square		
Spacing.....		

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	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> As APPROVED </div>			Stringer Plate, breadth and thickness in way of Bridge	✓		
„ in 'tween Decks, Size and Spacing				Thickness of Plating abreast Deck openings in way of Wells	✓	28"	26"
„ „ „ „ „				Thickness of Plating abreast Deck openings in way of Bridge.....	✓		
„ in Holds „ „ „ „				Thickness of Plating within line of openings...	✓		
„ „ „ „ „				If Sheathed, material and thickness.....	✓	1/4"	COMPOSITION
Centre Line Bulkhead. Stiffeners and Spacing	✓						
Plating, thickness of	✓						
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	47' x 34'	✓		Third Deck. Stringer Plate, breadth and thickness.....	✓		
„ „ „ „ in way of Bridge	To 30" AT ENDS	✓		If Plated, state thickness	✓		
„ Angle in Wells	3 1/2 x 3 1/2 x 3/8	✓		Fourth Deck. Stringer Plate, breadth and thickness.....	✓		
Thickness of Plating abreast Deck openings in way of Wells	To 3' x 3' x 5/16" AT ENDS	✓		If Plated, state thickness.....	✓		
Thickness of Plating abreast Deck openings in way of Bridge.....	30"	✓		Poop Deck. Stringer Plate, breadth and thickness.....	✓		
Thickness of Plating within line of openings...		✓		Plating, Sheathing, material and thickness ...	✓		
If Sheathed, material and thickness.....		✓		60AT. Bridge Deck. Stringer Plate, breadth and thickness.....	✓	62" x 28"	66"
CABIN. Second Deck. Stringer Plate, breadth and thickness in Wells	61" 30"	✓		Plating, Sheathing, material and thickness ...	✓	24"	BARE STEEL OR CLEAR OF ACCOMM. - 1/4" DURASTIC IN WAY OF ACCOMM.
				Forecastle Deck. Stringer Plate, breadth and thickness.....	✓		
				Plating, Sheathing, material and thickness...	✓		

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.	No. 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.....	38½	45	50	41		2 RWS.	¾	3				
„ Dblg. (if any)		✓					✓					
Bottom Plating, No. of Strakes 3	8' 62½ C 12 D 64	34	42	30		1 R. 2 R. For ½ L	¾	3			ALL SHELL PLATING BUTTS ELECTRICALLY WELDED	
Bilge Plating, No. of Strakes 1	49¼	34	33	32	30" AFT	1 R.	¾	3				
Side Plating, No. of Strakes 1	49¼	34	34	32	30" AFT.	1 R. 2 R. For ½ L	¾	3				
Upper Deck, Sheer- strake in Walls	48	46	38	38		1 R.	¾	3				
Upper Deck, Sheer- strake in Bridge ...		✓					✓					
Strake below Sheer- strake in Walls	51½	42	30	30		1 R.	¾	3				
Strake below Sheer- strake in Bridge ...		✓					✓					
Poop Side Plating.....		✓					✓					
Bridge Side Plating.....		✓					✓					
Forecastle Side Plating		✓					✓					

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)..... **THREE**

„ Deck next below..... **ONE**

As per Rule..... ✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓	✓	✓	✓
STEM PLATE STEM	✓	✓	✓	✓
STERN FRAME { Propeller Post	{ CAST	7/8" x 3 1/2"	WOLSKINGHAM STEEL CO.	
{ Rudder	{ STEEL	AS APPROVED	LTD.	
Speed of Vessel 10 KNOTS				
RUDDER—Type		ORDINARY SOLID	FRAME & ARMS.	
" A x D 69				
" Diam. of head	FORGING	4 5/8" DIA	WOLSKINGHAM STEEL CO. LTD.	
" Mainpiece at top pintle	CAST STEEL	5 1/2" x 4"	"	
" " heel	CAST STEEL	5 1/2" x 3"	"	
" how constructed		FRAME AND SOLID ARMS.		
" double or single plate		DOUBLE PLATE.		
" coupling, vertical or horizontal		HORIZONTAL.		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks		✓		✓	✓
"	" Second "		✓		✓	✓
"	" Third "		✓		✓	✓
"	" Holds	{ 40'-30" 25' 32'-26' 34'-24'	5" x 3" x 25 B.A.	27" - 34"	✓	✓
"	"		5" x 3" x 26 B.A.	27" ✓	✓	✓
"	"		5" x 3" x 3/8" B.A.	24" ✓	✓	✓
COLLISION	(to Hold)		3 1/2" x 3" x 34	24" ✓	✓	✓
AFTER PEAK	"		5" x 3" x 5 1/4" B.A.	24" ✓	✓	✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) SOUTH DURHAM S&I Co. LTD.
CONSETT IRON CO. LTD., CARGO FLEET IRON CO. LTD., SKINNINGSROVE IRON CO. LTD., COLVILLE'S LTD., DORMAN LONG & CO. LTD.

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

EQUIPMENT No.												LETTER		ANCHORS.	
Number of Certificate.	Anchors.	Stockless			Weight of Stock.			Test, per Certificate.				Weight Required by Table 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Weight, lbs.	qrs.	lbs.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.					
42040	1st Bower	20	1	14	-	-	-	21	1	2	7	AS APPROVED	BYRES IMPROVED Stockless	✓	L.P.A. SUNDERLAND 11/6/42 W.W. NORMAN
42039	2nd "	20	1	7	-	-	-	21	1	2	7	"	BYRES IMPROVED Stockless	✓	L.P.A. SUNDERLAND 11/6/42 W.W. NORMAN
	3rd "														
	Collective weight														
42038	Stream	15	2	0	-	-	-	16	18	3	0	"	BYRES IMPROVED Stockless	✓	L.P.A. SUNDERLAND 11/6/42 W.W. NORMAN

CHAIN CABLES.										HAWERS 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.	Size.		Length.	Size.		
1072	Fathoms 180 1/2	Ins. 13 3/8	Tons. 34	Tons. 51	Cwts. qrs. lbs. 174 - 2 - 0	Cwts. 144	Fathoms 13 3/8	Ins. AS APPROVED	STUD LINK.	✓	L.P.H.N. 29/5/42. J. R.E.L.F. ✓	TOWLINE	Fathoms 90	Ins. 3	Tons. 18-6	Fathoms 90	Ins. 3		
												HAWERS & WARPS	Fathoms 90	Ins. 2 1/4	Tons. 10-8	Fathoms 90	Ins. 2 1/4		
														Fathoms 90	Ins. 1 3/4	Tons. 6-4	Fathoms 90	Ins. 1 3/4	
From Stream (Steel Wire)	60	3 1/4	✓	21-7	✓	✓	60	3 1/4	6/12				✓	✓	✓	✓	✓		

John Wigham's

Steering Gear, Type (Power or hand) COMBINED HAND AND STEAM. ✓ Alternative Means of Steering HAND ✓

Steering Chains (Size and Test) NONE ✓ CAPSTANS Two STEAM 9" x 10" CAPSTANS. ✓ PORT. 23'-0" x 7'-5" x 2'-9" (WOOD) (30 PERSONS)

Ceiling in Holds, thickness and material 3' OREGON PINE. ✓ WOOD MOTOR LIFEBOAT - 27 PERSONS. STARP. 23'-2" x 7'-6.5" x 2'-9" (CLEATS FITTED ONLY)

Cargo Hatchways. (Upper Deck) STEEL PLATES AND ANGLES ✓ Thickness of Hatches 2 1/2" W.P. ✓

Size of Hatchways No. 1 (Fwd.) 25'-8" x 12'-0" ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams } No 1 - FOUR. ✓ and/or Fore and Afters }

Builder's Signature Philip Wigham

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 HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND THE SECRETARY'S LETTERS

AND GENERALLY CONFORMS WITH THE SOCIETY'S RULES FOR THE CLASS CONTEMPLATED.

THE MATERIALS AND WORKMANSHIP ARE GOOD.

THE WEATHER DECKS AND WATERTIGHT BULKHEADS HAVE BEEN TESTED AND FOUND TO BE SATISFACTORY.

THE CAPSTANS AND STEERING GEAR HAVE BEEN EXAMINED UNDER WORKING CONDITIONS AND FOUND TO BE SATISFACTORY. (QUAY SIDE)

THE DOUBLE BOTTOM TANK, FORE AND AFT PEAK TANKS, AND FORWARD DEEP TANK HAVE BEEN TESTED AS REQUIRED BY THE RULES AND FOUND TO BE SATISFACTORY.

The amount of Entry Fee.....	£ 4 : 0 : 0	} Fees applied for, <u>E-6 OCT 1942</u>
Special Survey Fee.....	£ 71 : 12 : 0	
FREEBOARD FEE	8-0-0	} Received by me, 19.....
Travelling Expenses, if any	£ : : :	

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed **100 A.1 "WITH FREEBOARD"**
"FERRY SERVICE" - "BATUM" - "ALEXANDRETTA."

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

Signature L. Little & E.A. Dean
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to NEWCASTLE-ON-TYNE

Date of Issue.....22/12/42

Committee's Minute

Character assigned

TUE 20 OCT 1942

+ 100 AM

For Service between Batum & Alexandrette
Lloyd A&CP + LMC

+ Lmc

Lloyd S. Register
Foundation

0113 $\frac{2}{2}$

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 APPROVED PLANS ARE FORWARDED WITH THIS REPORT.:-

MIDSHIP SECTION (AS APPROVED)

MIDSHIP SECTION (AS FITTED)

PROFILE AND DECKS (AS APPROVED)

PROFILE AND DECKS (AS FITTED)

RUDDER AND STERNFRAME.

PLATE STEM.

SLIDING BULWARK DOORS.

MAST SCANTLINGS

GENERAL PUMPING ARRANG.

W.T. ESCAPE MANHOLES ON UPPER DECK

POSITION OF W.T. ESCAPE MANHOLES ON UPPER DW.

2 FORGING AND CASTING REPORTS

SISTER SHIPS. "MUREPTE" REPORT N^o 99140
(NEWCASTLE)

"SARKOY" REPORT N^o 99141 ETC.
(NEWCASTLE)

PARTICULARS OF ELECTRIC WELDING (if employed) THE FOLLOWING ITEMS HAVE BEEN ELECTRICALLY WELDED :-

FLAT PLATE KEEL BUTTS; SHELL PLATING ALL BUTTS; TANK TOP PLATING IN ENGINE ROOM, SEAMS & BUTTS; BOAT DECK PLATING BUTTS; CABIN DECK PLATING BUTTS.

THE ELECTRODES EMPLOYED ARE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RULES.

THE ELECTRIC WELDING HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE RULES.

SPECIAL NOTATIONS :- Either as part of the vessel's class or for record in the Register Book. "WITH FREE BOARD" "LLOYDS A.E.C.P." "WIRELESS."

Particulars of Drop Test of Cast Steel Anchors, viz. :- Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	WI	11-3-1	INITIALS	S.P.R.	N ^o OF CERT.	4652.	DATE	27-2-42.
	2nd "	"	11-3-12.	"	S.P.R.	"	4661	"	28-2-42.
	STREAM	"	8-2-9	"	S.P.R.	"	4737	"	31-3-42.
	ANCHOR.	"		"		"		"	

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 41'-4" Over-all Length 187'-8"
(Circ. 1611) (Circ. 1703)

No. and Material of Decks. ONE STEEL DECK.

Parts of Bottom of Vessel coated with cement or approved composition. SHELL PLATING AND FLOORS IN HOLD AND BUNKER COATED "BITUMASTIC ENAMEL"
SHELL PLATING IN BOILER ROOM COATED CEMENT, FLOORS "BITUMASTIC ENAMEL". FRESH WATER TANKS TOP, SHELL AND FLOORS COATED CEMENT.

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,	✓	✓	Fore peak tank,	21'-2"	22
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	7'-4"	6
Double bottom, if under Engines only,	22'-0"	20	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	12'-10"	43
Double bottom, forward,	✓	✓	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity.	✓	✓	(If necessary furnish further information by sketch.)	✓	✓

Order for Special Survey No. 5660

Date. 30.4.42

Dates of Surveys held while building

1942 Jan. 9. 16. 28. 24. 30. Apr. 8. 9. 10. 14. 22. 28. 30. May 6. 11. 13. 14. 18. 27. June 5. 8. 16. 18. 19. 22. 25. July 1. 13. 14. 21. 23. 24. 27. 28. Aug. 3. 4. 7. 11. 18. 26. Sep. 2. 3. 9. 10. 15. 18. 22.

Total No. of Visits 48