

STEEL STEAMER or MOTORSHIP.

6 OCT 1930

Received at London Office

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

3rd October 1930

Port of

Trieste

No.

8952

Survey held at

Manifaloue

Date First Survey

21 August 1929

Last Survey

18 September 1930

On the

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

Single Screw Motor Ship "BARBARIGO"

State Type

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

Complete superstructure

State Type of Erections

Foremast

TONNAGE under Tonnage Deck

6082.04

CLASS #100 A1

State if with freeboard as condition of Class

Yes

Built at

Manifaloue

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

✓

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

L 420

Breadth (greatest moulded)

B 56.0

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

D 35.16

1st Longitudinal Number (L x D)

= 14767

2nd Numeral L x (B + D)

= 38287

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

23.58

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

11.76

Do. Long Bridge to top of keel

✓

Draught Moulded

23-11/8

Launched

1 June 1930

Yard No. 221

Builders

Cantine Navale Triestina

Owners

S. Vignani & C. Trieste

Managers

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

Residence

Venice

Port of Registry

Venice

If surveyed while building, afloat, or in dry dock

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.
FRAMES, Spacing amidships	735		Bracket Floors, Frame	7, 150 75 45	
" " from 3/4 length to Collision bulkhead	685		" " Reversed Frame	7, 150 75 45	
" " in peaks	610		" " Vertical Struts	7, 260 90 100	
DE FRAMING.			Centre Girder, depth and thickness amidships	10 1/2 14	
Frame Amidships, Angle, [or]	300 90 13		" " top Angles	90 90 13 1/2	
" " Extends up to	2nd deck		" " bottom Angles	100 100 15	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE 11 1/2	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	1100 115	
Depth of Framing Girder	300		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	1450 130 115	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	180 90 8 1/2		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	1450 150 115	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	Continuous plates	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	Continuous plates	
Framing in Peaks, Angle, [or]	180 90 10 1/2		Tank Side Brackets, height above base line at toe of Frame and thickness	2100 115 175	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 - 150		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake	1340 13	
PLATING ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMING. ONE SIDE STRINGER. 2 STRAKES OF SIDE PLATING INCREASED '04.		Thickness of remainder in Holds	11	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SOLID FLOORS AT EVERY FRAME. DOUBLE RIVETED FRAMES. ONE EXTRA FULL DEPTH INTERCOSTAL. STRAKES OF PLATING NEXT TO KEEL MAINTAIN MINIMUM THICKNESS TO COLLISION 1340.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in 1st hold, space and framing in Tankers and Boiler Room?	Yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	200 90 10 200x75x9	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	Long	
" " Through Plate or Intercostal Plate	✓		Second Deck, amidships, Angle, [or]	200 90 10 200x75x9	
" " Foundation Plate on Floors	✓		Spacing	Long	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [or]	✓	
Side Keelsons, No. each side	✓		Spacing	ea. 1/2 in	
" " thickness of Intercostal Plate	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	✓	
Solid Floors, thickness and spacing AT EVERY FR. IN '04, FOR OR 3/4 L. UNDER BND.	10 1/2 EVERY 300		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	NO		Bridge Deck, Angle, [or]	✓	
Bracket Floors, breadth and thickness at middle line	8 1/2 10 1/2		Spacing	✓	
" " breadth and thickness at margin plate	8 1/2 10 1/2		Forecastle Deck, Angle, [or]	200 90 10 200x75x9	
			Spacing	Long	

PILLARS AND DECKS.

		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.	
PILLARS , No. of Rows.....	3 Rows.					
" in 'tween Decks, Size and Spacing.....	AT CENTRE	65	22			
" " " " "						
" in Holds	AT CENTRE	125	22			
WIDELY SPACED, PILLARS & GIRDERS AT SIDES AS PER APP. PLAN.						
Centre Line Bulkhead.						
Stiffeners and Spacing.....						
Plating, thickness of						
STRINGERS AND DECKS.						
Uppermost Continuous Deck.						
Stringer Plate, breadth and thickness in Wells		150	13.5			
" " " " in way of Bridge						
" Angle in Wells		160	160	16		
Thickness of Plating abreast Deck openings) in way of Wells		13.5				
Thickness of Plating abreast Deck openings) in way of Bridge						
Thickness of Plating within line of openings...		10				
If Sheathed, material and thickness	ABREAST MIDSHIP DECKHOUSE	3"		OREGON PINE		
Second Deck.						
Stringer Plate, breadth and thickness in Wells...		1220	10			
Stringer Plate, breadth and thickness in way of Bridge						
Thickness of Plating abreast Deck openings) in way of Bridge						
Thickness of Plating abreast Deck openings) in way of Bridge						
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.....		990	9	890		
Plating, Sheathing, material and thickness ..		8.5				

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <i>Yes.</i>	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.	
FLAT PLATE KEEL	<i>13/10</i>	<i>19.5</i>	<i>17</i>	<i>17</i>		<i>Handle</i>	<i>25</i>	<i>92</i>	<i>FOUR</i>	<i>25</i>	<i>100</i>	<i>Lapped</i>	
„ DBLG. (if any)		—	—	—		—	—	—	—	—	—	—	
BOTTOM PLATING, No. of Strakes <i>THREE</i>	<i>2000</i>	<i>14.5</i>	<i>12.5</i>	<i>13</i>		<i>"</i>	<i>22</i>	<i>82</i>	<i>THREE</i>	<i>22</i>	<i>80</i>	<i>"</i>	
BILGE PLATING, No. of Strakes <i>TWO</i>	<i>2000</i> <i>1808</i>	<i>14.5</i>	<i>12.5</i>	<i>13</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes <i>FOUR</i>	<i>1806</i>	<i>14.5</i>	<i>11.5</i>	<i>12.5</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells	<i>1420</i>	<i>17.5</i>	<i>11.5</i>	<i>11.5</i>	<i>1295</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>FOUR</i>	<i>"</i>	<i>90</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge ...		—	—	—									
STRAKE BELOW Sheer-strake in Wells	<i>1420</i>	<i>16.5</i>	<i>11.5</i>	<i>11.5</i>	<i>1295</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>FOUR</i>	<i>"</i>	<i>"</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Bridge ...		—	—	—									
POOP SIDE PLATING		—	—	—									
BRIDGE SIDE PLATING ...		—	—	—									
FOREC'TLE SIDE PLATING			<i>10.5</i>			<i>Single</i>	<i>19</i>	<i>76</i>	<i>TWO</i>	<i>19</i>	<i>65</i>	<i>"</i>	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *Collision Bkd.*

„ Deck next below *Seven*

As per Rule *See to 2nd Collision to Upper.*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	—	—	—	—
STEM	FORGING	260 x 67	NITONITZER BERG.	
STERN FRAME {	Propeller Post	CASTING	267 x 98	"
	Rudder "	CASTING	250 x 198	"
RUDDER—A x D.....	473.94			
Speed of Vessel.....	13 1/4			
RUDDER mainpiece at head ...	FORGING	268	"	
" " heel ...	"	204	"	
" how constructed	BUILT UP.			
" double or single plate	SINGLE	28		
" 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) *Larnum Patent Iron,*
Wm. Knight & Co. Birmingham. Alcock & Son, London.

Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. 40110'13										LETTER <i>a</i>		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.				
2180	1st Bower ...	70	2	9	—	—	—	54	5	0	0	68' 0" 0	<i>Jensen Stocklen</i>	<i>O. Jensen & Co. Kopenhagen</i>	<i>7/4/30. L. Hous.</i>
2189	2nd „ ...	70	1	4	—	—	—	54	0	0	0	68' 0" 0	"	"	"
2188	3rd „ ...	69	3	16	—	—	—	53	15	0	0	58' 2" 0	"	"	"
	Collective weight.	210	3	1								194' 2" 0			
2184	Stream	20	3	9	5	3	6	24	10	1	7	19' 0" 0	" <i>Stock</i>	"	"

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.
85852	135	2 7/16	96 1/4	134 3/4	360 : 2 : 18		720 3/4		270	2 7/16	Red line	H. Hingel & Sons	Netherlands 3/4/30	TOWLINE...	220	133	66040	220 x 133	
85860	135	2 7/16	"	"	360 : 3 : 22						"	"	" 10/4/30	HAWSERS & WARPS	2x165	89	26420	2x165 @ 70	
	270				721 : 2 : 12									"	4x165	70	15780	2x165 @ 64	
		Cir.								Cir.				"	4x220	190	—	—	
Iron Stream Chain or Steel Wire	90	5		52.8					90	5				"	2x220	203	—	—	

Steering Gear, Steam *Hydra Electric J. Houtte. Co. da.*

Steering Gear, Hand *J. Houtte. Co. da.*

Boats 2 *Lifeboats, 2 dinghies*

Steering Chains, Size and Test *—*

Windlass *Emerson Walker.*

Ceiling in Holds, thickness and material *2 1/2" W.P.*

Cargo Battens, thickness, material and spacing *6 x 2" @ 7"*

Cargo Hatchways.—(Upper Deck) *1065 x 11 2*

Thickness of Hatches *7 1/2*

Size of No. 1 Hatchway (Forward) *26' 6" x 19' 8"* No. 2 *26' 6" x 19' 8"* No. 3 *19' 3 1/2" x 19' 8"* No. 4 *15' 9" x 19' 8"* No. 5 *26' 6" x 19' 8"* No. 6 *26' 6" x 19' 8"*

Number of Shifting Beams and/or Fore and Afters *Three to Nos 1, 2, 5, 6 transverse, two to Nos 3, 4.*

Cantiere Navale Triestino

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes*. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *Yes*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the accompanying approved plans, and in general conformity with the Society's Rules. The workmanship and the materials employed during construction are of good quality. The double bottom tanks, fresh, deep tanks, water ducts, bulkheads have been tested in accordance with the Rule requirements with satisfactory results.

The foreboard structure has been cut in the vessel's sides and verified. Oil fuel may be carried in all double bottom tanks. Flash point above 150° F.

Oil as cargo having F.P. above 150° F. may be carried in the deep tank. For list of approved plans accompanying his report see over!

The amount of Entry Fee *Line : 930-*

Special Survey Fee *Line 34 928-*

Travelling Expenses, if any *Line 2.806-*

Fees applied for,

19

Received by me,

5.12.1930

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

"With foreboard"

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

Signature

Certificate to be sent to *This office* Date of issue *17/10/30.*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 17 OCT 1930

Character assigned

+100A1 with fwd.

Fitted for carrying oil (9.30)

F.P. above 150° F. in Deep Tank.

+ L.M.C. 9.30 C.L.

Write for

Lloyd's A. & C.

Oil Eng. D.B. 100 lb

17/10/30

My



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Lloyd's Register Foundation

007430-007437-0094 212

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.)

Approved Plans:

- 1) Midship section
- 2) Profile, Deck, keel, keel.
- 3) Deck & double bottom.
- 4) Deep tank.
- 5) Construction of
- 6) C/A and framing
- 7) Main motor setting.
- 8) Main motor setting.
- 9) Shell enclosure
- 10) Stem frame & keel.
- 11) Stem
- 12) Deckhouse - upper deck.
- 13) Deckhouse - lower deck.
- 14) WT Steel hatch to T.O.

Cancelled plans:

- 1) Deck & double bottom
- 2) Deep tank.

Also: 1) Midship section showing vessel as built.
2) Plans for Reports.

DUAL CLASS
L.R. & R.I.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight	45:0:27	Sur. In.	4.B.	N of Cert.	7683.	Date of test	11.3.30
	2nd "	"	45:0:14	"	K.H.	"	7652	"	25.2.30
	3rd "	"	43:0:9	"	K.H.	"	7651	"	25.2.30

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 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 (100) 3rd dk in mtl hold.
* See Trade letter dated 22 Aug 1930.

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

particulars of composition *Reels - lugs counted. DB Tanks bare.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	132.5	386	Fore peak tank,	24.5	133
Double bottom, under Engines and Boilers,	—	—	After peak tank,	22.0	107
Double bottom, if under Engines only,	48.2	243	Deep tank, aft,	41.0	115.5
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	109.3	530	Other tanks, if fitted,	—	—
	Total capacity of double bottom	1159			

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 151

Date

10th June 1929

Dates of Surveys held while building

1929 Aug 2, 26, 28, 28, Sep 29, 11, 28, 23, 24, Oct 11, 14, 17, 22, 28, Nov 5, 12, 20, 28, 29, Dec 7, 7, 11, 13, 16, 16, 20, 23, 1930 Jan 3, 7, 17, 24, 27, 29 Feb 3, 5, 6, 11, 14, 15, 18, 20, 22, 25, 27, 28, Mar 1, 5, 6, Apr 2, 9, 11, 17, 22, May 2, 5, 6, 7, 16, 14, 26, 27, 30, 30, June 3, 9, 12, 13, July 10, 12, 15, 16, 25 Aug 1, 5, 5, 22, 25, 27, 28, 29, Sep 1, 2, 9, 18.

Total No. of Visits

Lloyd's Register Foundation