

STEEL STEAMER ~~AT~~ MOTORSHIP

Received at London Office 23 NOV 1931

State if Report has been sent on the Freeboard of the Vessel No.

State if Report is sent on the Machinery of the Vessel Yes, here with

Date of completion of report

17<sup>th</sup> November 1931 Port of TRIESTE

Survey held at

Venice

Date First Survey

31<sup>st</sup> December 1930

Last Survey

10<sup>th</sup> November 1931

On the (State if Machinery fitted Aft and

Steel Twin Screw

S.S.

"CABO DELGADO"

State Type

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

Full scantlings

State Type of Erections

Bridge

TONNAGE under

305.80

CLASS

100A1

State if with freeboard as condition of Class

FEET.

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 132.44

Total

305.80

Breadth (greatest moulded)

B 28.84

Gross Tonnage

372.47

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

D 13.61

Register Tonnage

120.93

1st Longitudinal Number (L x D) = 1804

2nd Numeral L x (B + D) = 5640

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

5.46

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

9.75

Draught Moulded

Built at

Venice

Launched 7. 9. 1931 Yard No. 74

Builders Cant. Nav. ed Officine Meccaniche Venesia

Owners Government of Portuguese Colony in Mozambique

Managers

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

Residence

Port of Registry Porto Amelia

If surveyed while building, afloat, or in dry dock

while building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	560		Bracket Floors, Frame	✓	
" " from $\frac{3}{8}$ length to Collision bulkhead	560		" " Reversed Frame	✓	
" " in peaks	560		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	130 65 7.5	ES	" " top Angles	✓	
" " Extends up to	Upper Beels		" " bottom Angles	✓	
Reversed Frame Amidships, Angle	65 65 7.5		Side Girders, No. each side and thickness	✓	
" " Extends up to	Turn of bilges		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	28 31		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	✓	
Frames in Uppermost Continuous tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	115 65 7		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	✓	
" " Second tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓	
" " Third " " "	✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	✓	
Framing in Peaks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	115 65 7		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	16 @ 112		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Not required		Thickness of remainder in Holds	✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Not required		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	285 7.5		Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	115 75 9	
Height of Brackets at side above base line at top of frame	✓		" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	115 75 9	
Middle Line Keelson, on Floors, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	280 100 12.5 16.5		Spacing	@ every	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	130 75 10.5 every 2nd	
" " Foundation Plate on Floors	✓		Spacing (Deck tank) aft	130 75 10 @ every	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
Side Keelsons, No. each side	ONE		Spacing	✓	
" " thickness of Intercoastal Plate	7		Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
" " Angles	75 100 8 130 100 9.5	approved 130 x 100 x 13.5 single	Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
Solid Floors, thickness and spacing	✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	✓		Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
			Spacing	✓	



PILLARS AND DECKS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>					
"    in 'tween Decks, Size and Spacing.....	SEE		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
"    "    "    "    "	APPROVED		<del>BREADTH AND THICKNESS OF TIE PLATES</del>		
"    in Holds    "    "	PLANS		Thickness of Plating abreast Deck openings in way of Wells .....	250 7.5	✓
"    "    "    "    "			Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
<b>Centre Line Bulkhead.</b>			Thickness of Plating within line of openings...	✓	
Stiffeners and Spacing.....	✓		If Sheathed, material and thickness .....	LARCH 55	✓
Plating, thickness of .....	✓		<b>Third Deck.</b>		
<b>STRINGERS AND DECKS.</b>			Stringer Plate, breadth and thickness.....	✓	
<b>Uppermost Continuous Deck.</b>			If Plated, state thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	900 8.5		<b>Fourth Deck.</b>		
"    "    "    "    in way of Bridge	1000 8.5		Stringer Plate, breadth and thickness.....	✓	
"    Angle in Wells .....	45 45 8.5		If Plated, state thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	7		<b>Poop Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge .....	7		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating within line of openings...	5		Plating, Sheathing, material and thickness .....	✓	
If Sheathed, material and thickness .....	TEAK 65		<b>Bridge Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness	450 7.5		Plating, Sheathing, material and thickness .....	✓	
			<b>Forecastle Deck.</b>		
			Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness .....	✓	

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)	<u>FIVE</u>
„ Deck next below	<u>NONE</u>
As per Rule	<u>FOUR</u>

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FORGING	180x35	CANT. NAV. ED	OFF. MECC. VEN.
STEM	FORGING	180x35 145x35	"	"
STERN FRAME	—	—	ACIERIERIE VEN.	" AVE "
RUDDER—A x D = 100 feet <sup>3</sup>	CASTING	150x70		
Speed of Vessel	NOT EXCEEDING	12 KNOTS		
RUDDER mainpiece at head	FORGING	145	CANT.	
" " heel	FORGING	110	NAV. ED	
" how constructed	BUILT UP		OFFICINE	
" double or single plate	SINGLE	195	MECC.	
" coupling, vertical or horizontal	NO COUPLING		VENEZIA	

Plating Thickness.	STIFFENERS.				
	VERTICAL.		HORIZONTAL.		
	Scannings.	Spacing.	Scannings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks	6.5	90x75x8	760	✓	✓
" " Second "	✓	✓	✓	✓	✓
" " Third "	✓	✓	✓	✓	✓
" " Hold E.T.B.R. ....	7.5	ANGLES			
	6.5	130x75x9	760	✓	✓
	9	ANGLES			
	7.5	130x75x9	610	✓	✓
COLLISION " (in Hold) .....	8.5	ANGLES (330)			
	7.5	90x75x8	560 APP. PLAN	✓	✓
AFTER PEAK " " .....					

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin Process*  
*Nitkowitzer Bergbau- und Eisenhütten Gewerkschaft, Österreichisch-Alpine Montangesellschaft*  
*Société Anonyme de la fabrique de fer de Chaplarsi.*  
Has the Steel been tested as required by the Rules? *Yes*



## CHAIN CABLES.

## HAWSERS AND WARPS

Steering Gear, Hand *ordinary, amidships; blocks & tackle aft*

22<sup>nd</sup> W; 9110 lbs tensile test Windlass extra strong Steam windlass

Cargo Battens, thickness, material and spacing *200x50 @ 210 mm in fore-and-aft*  
*made by CNOUV*  
*fitted only.*

Thickness of Hatches  $65 \frac{1}{2}$  in

✓ No. 3      ✓ No. 4      ✓ No. 5      ✓ No. 6      ✓

Nil

*Builder's Signature*

12. (b) whether the vessel, not being  
be indicated, together with the flash point.

Enclosed herewith are the following approved plans:

12. Removal of debris from way of Engine Room.

Fees applied for, 12/11/ 1931

Received by me,

8-1-1932

**YES**

Signature

*Surveyor to Lloyd's Register of Shipping*

Character assigned ≠ 100A1

+ L. Mc. 11.31

Lloyd A. & Co.



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 4 plans are also enclosed herewith for cancellation.  
a.) Under-ship section b.) Profile & bulk c.) Stem & Stem frame  
d.) Hull expansion.

4 forging & casting Rfts and 1 test certificate on Host  
Drifts are attached herewith.

W

The vessel has been built in accordance with the approved plans on  
the basis of the Surveyor's Report & Recommendations for the class  
The materials have been taken in accordance with the Rules for the  
class of the vessel. The quality of the workmanship is good.  
The deck & bulkheads, & T. Frames & their fittings  
are the machinery fittings have been taken in accordance with  
the Rules.  
In cases where the following information is required:  
1. Under-ship section  
2. Profile & bulk  
3. Stem & Stem frame  
4. Hull expansion

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	ANCHOR HEAD, WEIGHT: 6:0:14	SURV. INIT.: K. H.	No of CERT.: 10268	DATE OF TEST: 3.2.31.
	2nd "	delta " : 6:0:7	" : K. H.	" : 10267	" : 3.2.31
	Stream "	Stock ANCHOR, " : 1:2:21	" : K. H.	" : 10269	" : 3.2.31.
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 44.7 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) 1 Deck (Steel) and partial Deck forward and aft

Official No. ☒ : Signal Letters ☒ Is bottom of Vessel coated with cement ☒ yes if not give particulars of composition ☒

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	—	—	Fore peak tank,	11.5	21	—	—
Double bottom, under Engines and Boilers,	—	—	After peak tank,	12.8	20	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	9.2	31	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—	—	—
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—	—	—
Total capacity of double bottom			(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. 162

Date

10th Jan 1931

Dates of Surveys held while building

1930 Dec 31, 1931 Jan 8, 14, 22, Feb 6, 20, Mar 6, 17, 26, Apr 15, 28, May 11, 22, June 2, 3, 9, 10, 24, July 10, 29, Aug 12, 21, Sep 4, 7, 8, 14, 17, Oct 1, 16, 27, Nov 1, 4, 10.

R

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Total No. of Visits

33