

## STEEL STEAMER or MOTORSHIP.

Received at London Office 26 APR 1948

State if Report has been sent on the Freeboard of the Vessel no

Assigned by Spanish Authorities

State if Report is sent on the Machinery of the Vessel yesDate of completion of report 19th April 1948Port of BarcelonaNo. 5220Survey held at ValenciaDate First Survey 8th March 1947Last Survey 20th May19 47

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

Single "Screw Steamer" "RIA DE EL FERROL"

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

Fore castle and Bridge combined Rigid DeckState Type of Erections Steel dk, houses

TONNAGE under Tonnage Deck...

1308.25CLASS 100A-State if with freeboard as condition of Class yesBuilt at Stettin

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

933.73

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

262.3Launched 25 Feb 1947Yard No. 10

Total

2241.98

Breadth (greatest moulded)

40.95Builders Otsewrt-Sch. & Masch. A.G.

Gross Tonnage

2241.98

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

19.3Owners Siderurgica Asturiana S.A.

Register Tonnage

1308.25

1st Longitudinal Number (L x D)

5082Managers -

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

2nd Numeral L x (B + D)

15804

REGISTERED DIMENSIONS.

FEET.

Length

263.7

Breadth

41.2

Depth

19.3

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

15.82

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

13.59

Do. Long Bridge to top of keel

9.82

Draught Moulded

19.14Residence MadridPort of Registry Cadiz

If surveyed while building, afloat, or in dry dock

in dry dock

## 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.
<b>FRAMES, Spacing amidships</b>	<b>600</b>	<b>Bracket Floors, Frame</b>	<b>130 75 9.5</b>
" " from 1/4 length to Collision bulkhead	"	" " Reversed Frame	<b>130 75 8</b>
" " in peaks	"	" " Vertical Struts	<b>70 70 8</b>
<b>DE FRAMING.</b>		<b>Centre Girder, depth and thickness amidships</b>	<b>1000 x 10.5</b>
Frame Amidships, Angle, E or F	<b>190 90 11</b>	" " top Angles	<b>70 70 11</b>
" " Extends up to	<b>Double Deck</b>	" " bottom Angles	<b>100 100 11</b>
<b>Reversed Frame Amidships, Angle</b>	<b>-</b>	<b>Side Girders, No. each side and thickness</b>	<b>2 of 8</b>
" " Extends up to	<b>75 10</b>	<b>Margin Plate depth (excl. of flange) and thickness</b>	<b>890 x 9.5 &amp; 10.5 at B.r</b>
<b>Depth of Framing Girder</b>	<b>75 10</b>	" " Vertical Angle to Tank side	<b>70 70 80</b>
<b>Frames in Uppermost Continuous Deck</b>	<b>230 90 12.5</b>	" " Bracket abaft 1/4 len. from stem	<b>-</b>
" " Angle, E or F	<b>75 10</b>	" " Vertical Angle to Tank side	<b>75 75 10</b>
" " Second tween Decks, Angle, E or F	<b>75 10</b>	" " Bracket forward 1/4 len. from stem	<b>4 frs. spaces 10 mm</b>
" " Third " " "	<b>001 75</b>	" " Gussets, spacing and scantling abaft 1/4 len. from stem	<b>3 frs. spaces 10 mm</b>
<b>Framing in Peaks, Angle or F</b>	<b>150 70 9.5</b>	" " Gussets, spacing and scantling forward 1/4 len. from stem	<b>3 frs. spaces 10 mm</b>
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	<b>19 at 7 dia.</b>	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<b>1350 x 9</b>
<b>State if Frame Joggled</b>	<b>no</b>	<b>INNER BOTTOM PLATING.</b>	
<b>PLATING ARRANGEMENTS (Sec. 7), state system and particulars</b>	<b>equivalent to Rule requirements</b>	<b>Breadth and thickness of Middle Line Strake</b>	<b>905 x 10</b>
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	<b>do. do.</b>	<b>Thickness of remainder in Holds</b>	<b>- 8.5</b>
<b>ANGLE BOTTOM.</b>		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	<b>- yes</b>
<b>Floors, Depth and thickness at mid-line in Holds</b>	<b>150 70 9.5</b>	<b>BEAMS.</b>	
<b>Height of Brackets at side above base line at toe of frame</b>	<b>150 70 9.5</b>	<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or F</b>	<b>160 70 10</b>
<b>Middle Line Keelson, on Floors, Angles, E or F</b>	<b>150 70 9.5</b>	" " in way of Bridge, Angle, E or F	<b>170 75 10</b>
" " Through Plate or Intercoastal Plate	<b>150 70 9.5</b>	<b>R.Q. Deck</b>	<b>600</b>
" " Foundation Plate on Floors	<b>150 70 9.5</b>	<b>Second Deck, amidships, Angle, E or F</b>	<b>200 75 11</b>
" " Flat Plate Keel Angles	<b>150 70 9.5</b>	<b>Spacing</b>	<b>600</b>
<b>Side Keelsons, No. each side</b>	<b>881</b>	<b>Third Deck, amidships, Angle, E or F</b>	<b>-</b>
" " thickness of Intercoastal Plate	<b>881</b>	<b>Spacing</b>	<b>-</b>
" " Angles	<b>881</b>	<b>Fourth Deck, amidships, Angle, E or F</b>	<b>881</b>
<b>DOUBLE BOTTOM.</b>		<b>Spacing</b>	<b>-</b>
<b>Solid Floors, thickness and spacing</b>	<b>8 on alt. frs. 10 in B.r.</b>	<b>Forecastle Deck, Angle, E or F</b>	<b>150 70 9</b>
" " Are Frame and Reversed Frame joggled?	<b>no</b>	<b>Spacing</b>	<b>600</b>
<b>Bracket Floors, breadth and thickness at middle line</b>	<b>400 x 8</b>		
" " breadth and thickness at margin plate	<b>440 x 8</b>		



## PILLARS AND DECKS.

PILLARS, No. of Rows.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
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 & Forecastle comb.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Forecastle Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				

## SHELL PLATING.

STRAKES, No. of Rows.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	INCHES IN SHIP.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	INCHES IN SHIP.
Flat Plate Keel				
Bottom Plating, No. of Strakes				
Bilge Plating, No. of Strakes				
Side Plating, No. of Strakes				
Upper Deck, Sheer-strake in Wells				
Upper Deck, Sheer-strake in Bridge				
Strake below Sheer-strake in Wells				
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	4
Extending to Upper Deck (Sec. 3 c)	3
Deck next below	1
As per Rule	4
STIFFENERS.	
VERTICAL	
HORIZONTAL	
Midship Bulkhead, Upper tween decks	9-8.5 190x75x11.5 Sp. 760
Second	
Third	
Holds	
COLLISION (in Hold)	8-7.5 130x65x10 Sp. 600
AFTER PEAK	8 to 7.5 130x60x9 Sp. 750

## FORGINGS and CASTINGS.

KEEL, Bar	Flat keel	steel plate
STEM		180 x 70
STERN FRAME	Propeller Post	Castings 200 x 140
	Rudder	200 x 150
RUDDER-A&D	head dia.	450
Speed of Vessel		10 knots
RUDDER mainpiece at head		190
	heel	142
	how constructed	riveted steel plate
	double or single plate	single
	coupling, vertical or horizontal	horizontal

STEEL.	008
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
Has the Steel been tested as required by the Rules?	

## EQUIPMENT No. 1613 metric.

## LETTER

## ANCHORS.

Anchors.	WRIGHT, EX. STOCK.	WRIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
1st Bower	1805 kgs	1805 kgs	1805 kgs	1805 kgs	Cast stl. head		
2nd "	1805 "	1805 "	1805 "	1805 "	& forged steel		
3rd "	1520 "	1520 "	1520 "	1520 "	shank		
Collective weight.	5190 kgs	5190 kgs	5190 kgs	5190 kgs			
Stream	590 "	590 "	590 "	590 "			

## CHAIN CABLES.

## HAWERS AND WARPS.

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.
412.5 35 to 40 mm dia.	18550	440	44	Stud						
undersized				link						
per Rule or equivalent										

Steering Gear, Steam	steam engine	Steering Gear, Hand	hand	
1 of 7.6x2.13x0.88 mts		Steering Chains, Size and Test	28 & 32 mm	
1 of 7.06x1.94x0.86 "		Windlass	steam	
1 of 4.1x1.6x0.66 "		Cargo Batts, thickness, material and spacing	50 pine 250 fitted in holds	
filling in Holds, thickness and material	pine 65 mm	Thickness of Hatches	70 mm	
Cargo Hatchways.-(Upper Deck)	steel coamings			
size of No. 1 Hatchway (Forward)	8.4 x 4.8	No. 2	9 x 4.8	
	No. 3	10.2 x 4.8	No. 4	6.2 x 4.8
	No. 5	-	No. 6	-
Number of Shifting Beams and/or Fore and Afters	No 1-2; No 2-2; No 3-2; No 4-1			

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 **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.

This vessel has not been built under Special Survey but she complies with the Society's requirements for vessels not built under survey. The scantlings and arrangements are in accordance with or equivalent to those shown on approved plans. Please see Secretary's letter dated 9-7-47.

Material and workmanship are good.

Windlass, steering gear, W.T. door and pumping arrangement have been tested under working and found satisfactory.

Freeboard marked on ship's sides verified.

The notation of S.S.Val. 5,47 (Dr.) and fresh record of survey 5,47 has been recommended. Subject to anchors chain cables (total length) be supplied of proper weight and size for equipment letter "r" and completion of recommended repairs before the end of September 1947.

Amount of Entry Fee	£ 10.00	Fees applied for	
Charged as per S.S. report	£ 10.00	Received by me	
Special Survey Fee	£ 10.00		
Travelling Expenses, if any	£ 10.00		

Whether the Vessel has been built under Special Survey **no** Certificate to be sent to **Barcelona office** Date of issue **10 JUN 1940**

Committee's Minute	See minute
Character assigned	on 10 JUN 1940
SE	SE.02
SE	SE.01
SE	SE.03
SE	SE.04
SE	SE.05
SE	SE.06
SE	SE.07
SE	SE.08
SE	SE.09
SE	SE.10

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Lloyd's Register Foundation

0217 34



**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.)

Copies of all approved plans already retained in London office.  
Plan of midship section is forwarded herewith.

HAWERS AND WATTS.

CHAIN CABLES.

1 kg gge

[illegible]

No.	Description	Quantity	Unit	Remarks
1	Steel plating - Upper Deck	8.4 x 4.8	Sq. Ft.	
2	" " "	8.4 x 4.8	Sq. Ft.	
3	" " "	8.4 x 4.8	Sq. Ft.	
4	" " "	8.4 x 4.8	Sq. Ft.	
5	" " "	8.4 x 4.8	Sq. Ft.	
6	" " "	8.4 x 4.8	Sq. Ft.	
7	" " "	8.4 x 4.8	Sq. Ft.	
8	" " "	8.4 x 4.8	Sq. Ft.	
9	" " "	8.4 x 4.8	Sq. Ft.	
10	" " "	8.4 x 4.8	Sq. Ft.	
11	" " "	8.4 x 4.8	Sq. Ft.	
12	" " "	8.4 x 4.8	Sq. Ft.	
13	" " "	8.4 x 4.8	Sq. Ft.	
14	" " "	8.4 x 4.8	Sq. Ft.	
15	" " "	8.4 x 4.8	Sq. Ft.	
16	" " "	8.4 x 4.8	Sq. Ft.	
17	" " "	8.4 x 4.8	Sq. Ft.	
18	" " "	8.4 x 4.8	Sq. Ft.	
19	" " "	8.4 x 4.8	Sq. Ft.	
20	" " "	8.4 x 4.8	Sq. Ft.	
21	" " "	8.4 x 4.8	Sq. Ft.	
22	" " "	8.4 x 4.8	Sq. Ft.	
23	" " "	8.4 x 4.8	Sq. Ft.	
24	" " "	8.4 x 4.8	Sq. Ft.	
25	" " "	8.4 x 4.8	Sq. Ft.	
26	" " "	8.4 x 4.8	Sq. Ft.	
27	" " "	8.4 x 4.8	Sq. Ft.	
28	" " "	8.4 x 4.8	Sq. Ft.	
29	" " "	8.4 x 4.8	Sq. Ft.	
30	" " "	8.4 x 4.8	Sq. Ft.	
31	" " "	8.4 x 4.8	Sq. Ft.	
32	" " "	8.4 x 4.8	Sq. Ft.	
33	" " "	8.4 x 4.8	Sq. Ft.	
34	" " "	8.4 x 4.8	Sq. Ft.	
35	" " "	8.4 x 4.8	Sq. Ft.	
36	" " "	8.4 x 4.8	Sq. Ft.	
37	" " "	8.4 x 4.8	Sq. Ft.	
38	" " "	8.4 x 4.8	Sq. Ft.	
39	" " "	8.4 x 4.8	Sq. Ft.	
40	" " "	8.4 x 4.8	Sq. Ft.	
41	" " "	8.4 x 4.8	Sq. Ft.	
42	" " "	8.4 x 4.8	Sq. Ft.	
43	" " "	8.4 x 4.8	Sq. Ft.	
44	" " "	8.4 x 4.8	Sq. Ft.	
45	" " "	8.4 x 4.8	Sq. Ft.	
46	" " "	8.4 x 4.8	Sq. Ft.	
47	" " "	8.4 x 4.8	Sq. Ft.	
48	" " "	8.4 x 4.8	Sq. Ft.	
49	" " "	8.4 x 4.8	Sq. Ft.	
50	" " "	8.4 x 4.8	Sq. Ft.	
51	" " "	8.4 x 4.8	Sq. Ft.	
52	" " "	8.4 x 4.8	Sq. Ft.	
53	" " "	8.4 x 4.8	Sq. Ft.	
54	" " "	8.4 x 4.8	Sq. Ft.	
55	" " "	8.4 x 4.8	Sq. Ft.	
56	" " "	8.4 x 4.8	Sq. Ft.	
57	" " "	8.4 x 4.8	Sq. Ft.	
58	" " "	8.4 x 4.8	Sq. Ft.	
59	" " "	8.4 x 4.8	Sq. Ft.	
60	" " "	8.4 x 4.8	Sq. Ft.	
61	" " "	8.4 x 4.8	Sq. Ft.	
62	" " "	8.4 x 4.8	Sq. Ft.	
63	" " "	8.4 x 4.8	Sq. Ft.	
64	" " "	8.4 x 4.8	Sq. Ft.	
65	" " "	8.4 x 4.8	Sq. Ft.	
66	" " "	8.4 x 4.8	Sq. Ft.	
67	" " "	8.4 x 4.8	Sq. Ft.	
68	" " "	8.4 x 4.8	Sq. Ft.	
69	" " "	8.4 x 4.8	Sq. Ft.	
70	" " "	8.4 x 4.8	Sq. Ft.	
71	" " "	8.4 x 4.8	Sq. Ft.	
72	" " "	8.4 x 4.8	Sq. Ft.	
73	" " "	8.4 x 4.8	Sq. Ft.	
74	" " "	8.4 x 4.8	Sq. Ft.	
75	" " "	8.4 x 4.8	Sq. Ft.	
76	" " "	8.4 x 4.8	Sq. Ft.	
77	" " "	8.4 x 4.8	Sq. Ft.	
78	" " "	8.4 x 4.8	Sq. Ft.	
79	" " "	8.4 x 4.8	Sq. Ft.	
80	" " "	8.4 x 4.8	Sq. Ft.	
81	" " "	8.4 x 4.8	Sq. Ft.	

This vessel has not been built under Special Survey but she complies with the

in accordance with or equivalent to those shown on approved plans. Please see Secretary's letter dated 8-7-47.

Working and found satisfactory.  
Wheels, steering gear, W.T. door and pumping arrangement have been tested under material and workmanship are good.

Subject to anchors chain copies (total length) be supplied of proper weight and recommended. The notation of S.S. Ver. 5, 47 (Dr.) and fresh record of survey 5, 47 has been recorded marked on ship's sides verified.

Particulars of <b>Drop Test</b> of Cast Steel Anchors, viz. :—	1st Bower	2nd "	3rd "
Weight, Surveyor's Initials, Number of Certificate, Date of Test.		<u>Anchors existing on board. Particulars not available</u>	

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 17.7 ft., R.Q.D. 76.72 ft., <sup>Combined</sup> Bridge 37.7 ft., & Forecastle 30.9 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) one steel deck

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement yes if not \_\_\_\_\_

particulars of composition \_\_\_\_\_

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, 74.8.	96.39	130	Fore peak tank,	20.32	92
Double bottom, under Engines and Boilers, 39.4	35.4	62	After peak tank,	17.7	66
Double bottom, if under Engines only,	-	-	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	-	-
Double bottom, forward,	106.22	264	Other tanks, if fitted,	-	-
Total capacity of double bottom		456	(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.

Date.

### Dates of Surveys held while building

During Special Survey. 1947.- March 8,27,29; April 10,11,12,14,15,  
17,18,19,21; May 1,2,3,4,10,11,20

**Lloyd's Register**  
Total No. of Visits

**Total No. of Visits**