

Spardeck
for 2 Dks., R.O. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 140

JAN 14 1901

State if Report is also sent on the Machinery of the Vessel also on the Machinery Received at London Office.
Date of completion of Report January 9/01 Port of Seehorn
Date, First Survey 26th August 1898 Last Survey 8th January 1890
Rig Sac and aft

Master Cremorini Scipione

Year of appointment (1) At master in service of
(2) As master of this vessel December 1890

Built at 1898-00 Seehorn

When built 1898-00 Launched 26th August 00

By whom built Fratelli Orlando

Owners Societa Commerciale Italiana di Navigazione

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

Residence Genoa

Port belonging to Genoa

Destined Voyage England, Cardiff & Surveyed while Building, Afloat, and in Dry Dock

Survey held at Seehorn
On the Steel Screw Steamer
TONNAGE under
Tonnage Deck 3602.49
Do. of Poop 119.13
Do. of Raised Qr. 196.51
Do. of Bridge House 46.94
Do. of Forecastle 105.59
Do. of Houses on Deck 4120.66
Do. of excess of Hatchways 89.49
above Crown of
Engine Room 4087.17
Loss Tonnage 1318.61
Crew Space 2712.56
above Crown of
Engine Room 1318.61
Navigation Spaces
Tonnage for Fees
Engine Room
Navigation Spaces

Spardeck
ONE OR TWO DECKED VESSEL.
CLASS 100 A 1

FEET.
Half Breadth (moulded) 22.45
Depth from upper part of Keel to top of Main Deck Bms. 23.46
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 41.90
1st Number 87.81
Length on deck from after part of stem to fore part of stern post 338.50
2nd Number 29723.68
Proportions—Breadths to Length 7.54
Depths to Length—Main Deck to top of Keel 14.43

Length on Deck as Rule 338 Feet. 6 Inches. BREADTH—Moulded 44 Feet. 11 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 119 Feet. 11 1/2 Inches. No. of Decks with Flat laid Two decks steel
No. of Tiers of Beams Three
Dimensions of Ship per Register, Length, 340.90 breadth, 45.10 depth, 27.06 upper deck 19.76 main deck Moulded Depth 22 main deck 14 1/2 ins. Round of Beam, Actual 14 1/2 ins.

FRAMING.					FORGINGS AND CASTINGS.				
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule.
NAME, Angles, Bars, for 1/2 length amidships	5 1/2	3 1/2	8	5 1/2	KEEL, Bar or Side Plates depth and thickness	11 x 2 1/2			
do. for 1/2 at each end	5 1/2	3 1/2	7	5 1/2	STEM, moulding and thickness	11 x 6 1/2		11 x 2 1/2	
do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	3 1/2	STERN-POST for Rudder do. do.	11 x 6 1/2		11 x 6 1/2	
do. at intermdt. Bkts.	5 1/2	3 1/2	8	5 1/2	for Propeller	9 x 6 1/2		11 x 6 1/2	
ance of Frames from moulding edge to moulding edge, all fore and aft	2 1/2			2 1/2	MAIN PIECE of Rudder, diameter at head	7 x 6		9 x 6 1/2	
VERSED FRAME, Angles	4 1/2	3	8	4 1/2	do. at heel			7 x 6	
SP FRAMING, depth of girder					RUDDER, how constructed	As per approved Sketch			
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			8		Can the Rudder be unshipped afloat?	Easily			
do. in way of Engines and Boilers			9		KEELSONS AND STRINGERS.				
thickness at the ends of vessel			8		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	4 1/2	10	4 1/2	10
depth at 1/2 the half breadth, as per Rule					do. Rider Plate				
height extended at the Bilges	4 1/2			4 1/2	do. Bulb Plate to Intercoastal Keelson				
ORS & BRACKETS, in Cell Dble Bottoms	4 1/2	8	4 1/2	8	do. Horizontal Plates on Floors				
Distance apart	4 1/2			4 1/2	do. Angles				
TRE GIRDER, in Double Bottom, depth and thickness	4 1/2	10	4 1/2	10	SIDE KEELSON, Angles				
do. Angles, Top	4	9	4	9	do. Bulb or Plate above floors for				
do. Bottom	6 1/2	9	6 1/2	9	do. Intercoastal Plate for				
8 GIRDERS, number on each side & thickness	3 1/2	8	3 1/2	8	do. Attached to outside plating with Angle				
Angles	3 1/2	8	3 1/2	8	BILGE KEELSON, Angles				
GIN PLATE, depth (exclusive of flange) and thickness	2 1/2	8	2 1/2	8	do. Bulb or Plate above floors for				
Angles to Outside Plating	4	9	4	9	do. Intercoastal Plate for				
IR BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	10 R 8	36	10 R 8	do. Attached to outside plating with Angle				
do. thickness in Engine and Boiler space		9		9	BILGE STRINGER Angles				
do. Remainder in Holds		8 R 7		8 R 7	do. Bulb Plate for				
MS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3 1/2	11	8	do. Intercoastal Plate for				
Angles on Upper Edge					do. Attached to outside plating with Angle				
Average space	2 1/2			2 1/2	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	5 1/2	4 1/2	5 1/2	4 1/2
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	10	7 1/2	do. Angle on ditto	4 x 4	9	4 x 4	9
Angles on Upper Edge					do. Tie Plates fore & aft, outside Hatchways				
Average space	2 1/2			2 1/2	do. Diagonal Tie Plates on Bms., No. of Pairs				
IS, Hold, Plate or Tee Bulb	12	12	12	12	do. Main Dk* Iron or Steel for whole		7-6		7-6
Angles on Upper Edge	5 1/2	4	9	5 1/2	do. R. Q. Dk* Iron or Steel for				
Average space	16 1/2	20 feet	16 1/2	20 feet	do. Wood Deck, Material & thickness				
IS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	do. Lower Deck Stringer Plate, breadth and thickness	5 1/2	4 1/2	5 1/2	4 1/2
Angles on Upper Edge					do. Angles on ditto, No.	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10
Average space	2 1/2			2 1/2	do. Tie Plates, outside Hatchways				
IS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	6	3	8	6	do. Deck* Material and thickness		7-6		7-6
Angles on Upper Edge					do. Hold Stringer Plate	4 1/2	3 1/2	4 1/2	3 1/2
Average Space	2 1/2			2 1/2	do. Angles on ditto, No.	4 x 4	9	4 x 4	9
S, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	do. Poop Deck Stringer Plate, breadth & thickness	2 1/2	7	2 1/2	7
Angles on Upper Edge					do. Angle on ditto	4 x 4	9	4 x 4	9
Average space	2 1/2			2 1/2	do. Tie Plates				
RS, In 'tween Decks, Size and Spacing	3 1/2 x 2 1/2	two and four	2 1/2	two and four	do. Deck, Material and thickness		6		6
do. Hold	4	ditto	4	ditto	do. Bridge Deck Stringer Plate, brdth & thickness	4 1/2	10	4 1/2	10
do. Quarter, 'tween Dks					do. Angle on ditto	4 x 4	9	4 x 4	9
do. in Hold					do. Tie Plates				
FRAMES, In Fore Body, No. and Spacing					do. Deck, Material and thickness		6		6
do. Brdth. & Thickness					do. Forecastle Deck Stringer Plate, brdth & thekns	4 1/2	7	4 1/2	7
do. No. of Side Stringers					do. Angle on ditto	4 x 4	9	4 x 4	9
FRAMES, In E. & B. Space, No. & Spacing	5 spaces 4 to 5 frames	5 spaces 4 to 5 frames			do. Tie Plates				
do. Brdth. & Thickness	1 1/2	8	1 1/2	8	do. Deck, Material and thickness		6		6
FRAMES, In After Body, No. and Spacing					do. Longitudinal				
do. Brdth. & Thickness					do. Are the outside Plates doubled two spaces of Frames in length?	Yes			
do. No. of Side Stringers					do. Are the Sluice Valves and Watertight Doors in efficient working order?	Yes			
do. Size of Angles or Tee Bars to Web Frames	4 1/2	3	8	4 1/2					
do. BRACKET PLATES to Stringers between	1 1/2	8	1 1/2	8					
do. Web Frames, Depth and Thickness									

PLATING.

STRAKES.	AS IN SHIP.				OR AS APPROVED.		EDGES.		BUTTS.				IF LAPPED.		
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	FORWARD.	AFT.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	STRAPS.			
FLAT PLATE KEEL	36	12	12	36	12	12	Double	6	1	3 1/2	Double	1	3 1/2	20	17
GARBOARD OF A Strake	36	12	12	36	12	12	Double	6	1	3 1/2	Double	1	3 1/2	20	17
State actual thickness in way of Double Bottom.	B	46	12	9	46	12	Double	6	1	3 1/2	Double	1	3 1/2	20	17
C	54	12	9	54	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
D	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
E	54	12	9	54	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
F	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
G	54	12	9	54	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
H	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
J	54	12	9	54	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
K	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
L	54	12	9	54	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
M	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
N	46	12	9	46	12	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
O	40	13	9	40	13	9	Double	6	1	3 1/2	Double	1	3 1/2	20	17
P							Double	6	1	3 1/2	Double	1	3 1/2	20	17
DOUBLING OF Flat Plate Keel	Double for 1/2 length head	24 x 1 1/2													
Length and thickness of Bilges															
Length and thickness of Sheerstrakes	Shard deck 20 feet. breadth 7 1/2	12													
Length and thickness of Strake below															
POOP SIDES															
RAISED QUARTER DECK SIDES															
BRIDGE SIDES	7.11														
FORECASTLE SIDES															
LENGTHS OF PLATING	192														

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Shell, Sigsbee, Lloyds, etc.*

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

FRAMES extend in one length from *to the margin plates to spar deck*

REVERSED FRAMES on floors and frames extend from *Centre to margin plates and from to above main deck stringers and spar deck alternately amidship and aft and forward alternately to spar deck stringers to stringer bridge fore and aft*

MASTS, SPARS, &c.

LOWER MASTS	Fore	Main	Mizen	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
						At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	57.5	21	19.6	15.3	10	10	10	10	10	10	10	10	
Main	do	do	do	do	do	do	do	do	do	do	do	do	do	
Mizen	do	do	do	do	do	do	do	do	do	do	do	do	do	

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds *Steel wire No 8 x 3 1/2*

Sails. *mc* Suit of *for and aft*

EQUIPMENT No. *36615* LETTER *w* TONNAGE FOR TRAWLERS U.D.K. ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
17480	1st Bower	50	0	14				42	9	0	7	50			San Stockless	John Alder	Row W. Walker
17481	2nd "	50	1	0				42	10	2	14	50			"	"	September 13/90
17487	3rd "	42	3	0				37	13	3	0	42			"	"	October 3/90
	Collective weight	142	3	14				127	26	2	14	142					
17483	Stream	12	0	0	3			13	17	2	0	12			Oval shanked	"	"
17482	Kedge	6	0	14	1	2	14	3	7	2	0	6			"	"	"

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tons.	Per Table 22.	Supplied.	Per Table 22.				
9259	135	2 1/2	76 1/2	296.21	275	135	2 1/2	Stud and John Alder	Row W. Walker	Row W. Walker
9264	135	2 1/2	76 1/2	296.21	275	135	2 1/2	"	"	John Alder
9265	135	2 1/2	76 1/2	296.21	275	135	2 1/2	"	"	"

HAWERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
			Tons.	Per Table 22.	Supplied.	Per Table 22.				
9259	135	2 1/2	76 1/2	296.21	275	135	2 1/2	Stud and John Alder	Row W. Walker	Row W. Walker
9264	135	2 1/2	76 1/2	296.21	275	135	2 1/2	"	"	John Alder
9265	135	2 1/2	76 1/2	296.21	275	135	2 1/2	"	"	"

Boats *four*

Pumps, Number *10 hand* *the Orlando* Diameter of Barrel *4 1/2, 5 1/2* State whether they are in efficient working order *non*

Windlass is *Steam* *Emerson* *the* Capstans *of the Orlando* *Steam*

Engine Room Skylights.—How constructed? *as per approved plans*

What arrangements for deadlights in bad weather? *Strong flap doors*

Coal Bunker Openings.—How constructed? *lugsy formed* How are lids secured? *Cast iron cover* Height above deck? *18 1/2*

Number of Scuppers, and number and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material *2 1/2* *iron* Ceiling 'tween Decks, thickness and material *2 1/2* *iron*

Cargo Hatchways.—How formed? *usual way (as per plan)* Hatches.—If strong and efficient? *Strong & efficient*

State size No. 1 Hatch (Forward) *20 x 16* No. 2 Hatch *20 x 16* No. 3 Hatch *20 x 16* No. 4 Hatch *20 x 16*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Three shift beams in each hatch*

No. of Breasthooks *four* No. of Crutches *four*

Bulwarks, height above deck and description *34" plate* Main Rail, material and size *Steel*

The above is a correct description. *for Orlando* Surveyor's Signature *Americo Gori*

Builder's Signature (here only) *for Orlando* Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

1898 July 20 August 18 19 September 3 9 17 October 15 December 3 19 1899 February 2 4 September 26

Workmanship. Are the butts of plating planed or otherwise fitted? *Overlapped and flat Reel strapped*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *They are* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *They do* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *non*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *They are properly shifted and overlapped*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Yes* State results of tests *very good*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes* State results of tests *all good*

General Remarks (State quality of workmanship, &c.) *Good. This vessel has been built in accordance with the approved amended plans, the requirements of the Rules and the Secretary's letters for the intended Class 100 A1 "Spar deck". The materials and workmanship are good. All the pumps have the true and the tanks and bulkheads tested in accordance with the Rules requirements and found satisfactory. The net frames in boiler and engine rooms are all extended to spar deck. Sheerstrakes doubled for 20 feet amidship at ends of bridge. The vessel is therefore eligible, in my opinion to be classed as above.*

The approved plans are already in London

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *45.8* ft., R.Q.D. or Break *ft.*, Bridge Dk. *63.4* ft., F'castle *42* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *No 2 complete steel decks (not covered with wood) and three of beams.*

Official No. *;* Signal Letters *;*

How are the surfaces preserved from oxidation? Inside *Cement and painting* Outside *painting*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where fitted.	Length.	Water Capacity.		Where fitted.	Length.	Water Capacity.	
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft,	76	185		Fore peak tank,			
Double bottom, under Engines and Boilers,	44	200		After peak tank,	11	68	
Double bottom, if under Engines only,	"	"		Midship deep tank,	28	750	
Double bottom, if under Boilers only,	"	"		Other tanks, if fitted,	"	"	
Double bottom, forward,	124	280					

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules *Have been duly tested*

Order for Special Survey No. *Surveying building*

Date *11 July 1898*

No. *Orlando* in builder's yard

DATE OF SURVEYS held while building

1898 August 26 31 Sept 10 17 October 6 31 Nov 5 15 30 Dec 1 10 20 1899 January Buchanan 10 20 26 February 2 26 March 5 16 31 April 12 19 May 19 25 29 June 16 27 July 3 29 Aug 13 22 29 Sept 2 26 Oct 15 25 Nov 12 26 Dec 2 29 1900 January 14 Nelson 10 20 26 February 5 16 March 15 25 April 12 26 May 12 26 June 12 26 July 12 26 August 12 26 September 12 26 October 12 26 November 12 26 December 12 26 Total No. of Visits *68*

The amount of Entry Fee *£ 5.0.0* Fees applied for, *January 1898*

Special *£ 125.16.0* Received by me, *March 1898*

Surveyor's Certificate *£ 1.15.0*

Travelling Expenses, if any *£ 2.12.10*

State whether the Vessel has been built under Special Survey *Under special survey*

I am of opinion this Vessel should be Classed *100 A1 "Spar Deck"*

With, or without Freeboard, as condition of Class *100 A1 "Spar Deck"*

Committee's Minute *TUES. 5 FEB 1901*

Character assigned *100 A1*

spar deck

Lloyds as 6.0 *W* *+ L.M.B. 101*

Surveyor to Lloyd's Register of British and Foreign Shipping.