101

~~IRON~~ OR STEEL SHIP. (Received at London Office, ... 183

No. 185 (Survey held at Wharf adjacent N° 8 Date, First Survey ..... Date of writing Report ..... Port of Yantes ..... Last Survey 18

On the Steamer "Fleur" master E. Balle ..... Rig .....

Master E. Balle

Year of appointment { (1) As master in service of owner of present vessel :—18 ..... (2) As master of this vessel ..... 18 .....

Built at London

When built 1881 Launched

By whom built Thos. Lynn

Owners H. Tenn

Managers

(If desired to be entered in Reg. Book.)

Residence

Port belonging to Rio de la Plata

Destined Voyage Short voyages along coast.

If Surveyed while Building, Afloat, or in Dry Dock.

TONNAGE under Tonnage Deck .....
Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. .....
...tal under Upper Dk. .....
... of Poop .....
... of Raised Qr. Dk. or Break .....
... of Bridge House .....
... of Houses on Deck .....
... of excess of Hatchways .....
... of Forecastle .....
...ss Tonnage 58 x 100
... Crew Space .....
... Engine Room .....
...ter Tonnage 58
...out on Beam

ONE, OR TWO DECKED, THREE DECKED VESSEL, SPAR, OR AWNING-DECKED VESSEL.

	Feet.
Half Breadth (moulded)	9.
Depth from upper part of Keel to top of Upper Deck Beams	7.2
Girth of Half Midship Frame (as per Rule)	13.6
1st Number 29.8	27.8
1st Number, if a **3-Decked Vessel** .. deduct 7 feet	
Length	91.9
2nd Number 27 3/4 × 15	4456
Proportions— Breadths to Length	5.1.
Depths to Length—Upper Deck to Keel	12.
Main Deck ditto	

...NGTH ...t deck as ...r Rule ... Feet. 91 Inches. 9" **BREADTH**— Moulded... Feet. 18' Inches. **DEPTH** top of Floors to Upper Deck Beams ..... Do. do. Main Deck Beams ..... Feet. 7' Inches. 2" Power of Engines ... Horse. 20

N°. of Decks with flat laid 1
N°. of Tiers of Beams 1

...nensions of Ship per Register, length, 91.9 breadth, 18.0 depth, 7.2 Moulded depth —

	Inches in Ship.			Inches per Rule.
...EL, depth and thickness	Flat 12" 5 + 6/16			5½ × 1⅓
...EM, moulding and thickness	5" 1/8 × 1"			
...ERN-POST for Rudder do. do.	4" 3/4 × 13" 16.			5½ × 2¾
" " for Propeller	5" 15/16 × 9			
...stance of Frames from moulding edge to moulding edge, all fore and aft	19" 7/8			30 (Class)
	Inches. In Ship	Inches. In Ship	16ths or 20ths In Ship	Inches per Rule / Inches per Rule / 16ths or 20ths per Rule
...AMES, Angle Iron, for ⅗ length amidships	2" 9/16	2" 9/16	6/16	3½ / 2½ / 5/16
Do. for ⅕ at each end				
...EVERSED FRAMES, Angle Iron	2" 2	2"	5/16	2¼ / 2¼ / 4
...OORS, depth and thickness of Floor Plate at mid line for half length amidships	9" 7/8		5/16	9 / 4
" thickness at the ends of vessel	9" 7/8		4/16	9 / 4
" depth at ¾ the half-bdth. as per Rule	9.			18"
" height extended at the Bilges				
...EAMS, Upper, Spar, or Awning Deck ...ngle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...ngle or double Angle Iron on Upper edge	4"	3 3/16	7/16	4½ / 3 / 6
Average space				
...EAMS, Main, or Middle Deck ...ngle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...ngle, or double Angle Iron, on Upper Edge				
Average space				
...EAMS, Lower Deck— ...ngle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...ngle or double Angle Iron on Upper Edge				
Average space				
...EAMS, Hold, or Orlop— ...ngle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...ngle or double Angle Iron on Upper Edge				
Average space				
...EELSONS Centre line, single or double plate, box, or Intercostal, Plates	9" 7/8		4/16	7½ / 6
" Rider Plate				
" Bulb Plate to Intercostal Keelson				3 / 3 / 6
" Angle Irons				
" Double Angle Iron Side Keelson	4"	3" 3/16	7/16	
" Side Intercostal Plate				
" do. Angle Irons				
" Attached to outside plating with angle iron				
...LGE Angle Irons				3 / 3 / 6
" do. Bulb Iron				
" do. Intercostal plates riveted to plating for ..... length				
...LGE STRINGER Angle Irons	2"	2" 6/16	6/16	
Intercostal plates riveted to plating for ..... length				3 / 3 / 6
...DE STRINGER Angle Irons				

	Inches. In Ship.	16ths or 20ths In Ship.	Inches. per Rule	16ths or 20ths per Rule
Flat Keel Plates, breadth and thickness	12	6.	30	8
PLATES in Garboard Strakes, br'dth & thickness	36"	5/16	30	6
" From Garboard to upper part of Bilges	37" 1/2	5/16		4 5/8
" Of d'bling at Bilge, or increased thickness, and length applied				
" From up. prt of Bilge to lr. edge of Sh'rstrake				
" Main Sheerstrake, breadth and thickness	33 1/2	6/20	30	6
" Of d'blng at Sh'stk. & lng. applied				
" From M'n. to Upr. or Spar Dk. Sh'rstrake	39"	7/20		
" Up. or Spar Dk Sh'rstrake, brdth & thickn'ss				
Butt Straps to outside plating, breadth & thickness				
Lengths of Plating	10'			
Shifts of Plating, and Stringers	5'			
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness				
Angle Iron on ditto				
Tie Plates fore and aft, outside Hatchways	8"	4/16"		
Diagonal Tie Plates on Beams No. of Pairs				
Flat of Up., Spar, or Awning Dk.*				
How fastened to Beams				
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness	19' 6/8	4/16	30	5½
Is the Stringer Plate attached to the outside plating?	No		30	
Angle Irons on ditto, No.	2' 9/16	2' 9/16	6 × 4	
Tie Plates, outside Hatchways				
Diagonal Tie Plates on Beams, No. of pairs				
Flat of Middle Deck* do. do.				
How fastened to Beams				
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams				
Is the Stringer Plate attached to the outside plating?				
Angle Irons on ditto, No.				
Stringer or Tie Plates, outside Hatchways				
Flat of Lower Deck*				
Ceiling betwixt Decks, thickness and material				
" in hold do. do.				
Main piece of Rudder, diameter at head	3"		27	
do. at heel	2" 1/16			2
Can the Rudder be unshipped afloat?	No			
Bulkheads No. 4 No. per Rule 4				
" Thickness of 3/16 3.5/16				
" Height up				
" How secured to sides of ship with frame 2" 9/16 + 2" 9/16 + 6/16				
" Size of Vertical Angle Irons 2" 3/16 and distance apart 31 1/2 ins.				
" Are the outside Plates doubled two spaces of Frames in length? No				

...e **FRAMES** extend in one length from ..... to 3/5 of length. Riveted through plates with ..... in. Rivets, about ..... apart.

...e **REVERSED ANGLE IRONS** on floors and frames extend ..... middle line to ..... and to ..... alternately

...EELSONS. Are the various lengths of Plates and Angle Irons properly connected? yes And butts properly shifted? yes

...ATING. **Garboard,** ~~double~~ single riveted to Keel, with rivets 10/16 in. diameter, averaging ..... ins. from centre to centre.

" **Edges of Garboards** and to upper part of Bilge, worked clencher, double riveted; with rivets 10/16 in. diameter, averaging 2" 9/16 ins. from centre to centre.

" **Butts from Keel to turn of Bilge,** worked carvel, double riveted; with rivets 9/16 in. diameter averaging 2" 3/16 ins. from centre to centre.

" **Butts** of ..... Strakes at Bilge for ..... length, ~~treble~~ double riveted with Butt Straps 6/16 thicker than the plates they connect.

" **Edges from Bilge to Main Sheerstrake,** worked clencher, ~~double or~~ single riveted; with rivets 9/16 in. diameter, averaging 2" ins. from cr. to cr.

" **Butts from Bilge to Main Sheerstrake,** worked carvel, double riveted; with rivets 9/16 in. diameter, averaging 2" 3/16 ins. from cr. to cr.

" **Edges of Main Sheerstrake,** ~~double~~ or single riveted. **Upper Sheerstrake,** ~~double~~ or single riveted.

" **Butts of Main Sheerstrake,** ~~treble~~ double riveted for ..... length amidships. Butts of Upper or Spar Sheerstrake, treble riveted ..... length amidships.

" **Butts of Main Stringer Plate,** ~~treble~~ double riveted for ..... length amidships. **Butts of Upper or Spar Stringer Plate,** treble riveted for ..... length.

" Breadth of laps of plating in double riveting 3" 3/16 Breadth of laps of plating in single riveting 1" 1/2

Butt Straps of Keelsons, Stringer and Tie Plates, ~~treble~~, double or ~~single~~ Riveted? double No. of Breasthooks, 2 for 2 aft. Crutches, for Water Ballast

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? built in London.

Manufacturer's name or trade mark, in London Edw. Lines (Builder)

The above is a correct description.

Builder's Signature, ... *Surveyor's Signature,* .....

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

State clearly where plating is of alternate thicknesses—as distinguished from diminished thickness at ends of vessel.

* If Iron Deck, state if whole or part, and if wood deck is laid thereon.

State whether Rivets are of Iron or Steel.

(Form No. 1 for Iron or Steel Ships—500—)

ROBERT EDMUND TAYLOR & SON, Commercial and General Steam Printers, 19, Old Street, Goswell Road, London, E.C.

Workmanship. Are the butts of plating planed or otherwise fitted? .....

Do the edges of the carvel work and of the butts fay close together throughout their length without requiring any making good of deficiencies? No

Are the fillings between the ribs and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes 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? No

Masts, Bowsprit, Yards, &c., are sound in good condition, and sufficient in size and length. *If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.*

State also Length and Diameter of Lower Masts and Bowsprit none foremast 50' length 14" diameter. Mainmast 40' length. 12" diameter.

Number for Equipment ..... Letter for do.	CABLES, &c. Number of Certificate.	Fathoms.	Inches.	Test per Certificate. Tons.	Fathoms & Inches per Rule.	Machine where Tested and Superintendent, also Name of Chain Maker.
N. SAILS.	1 - 18/16	75	13/16		120	
1 Fore Sails,	2	190	11/16		11/1	
0 Fore Top Sails,	48	90	10/16			
1 Fore Topmast Stay Sails,	Iron Stream Chain or Steel Wire ..				45 8/16	
1 Main Sails,	or Hempen Str'm Cable					
0 Main Top Sails, and quality	TOWLINE— Hemp or Steel Wire	120			75-5½	
	Hawser	600			9.3"	
	Warp.....					

ANCHORS. Number of Certificate (*State if any and which Anchors are Stockless.*)	Weight. Ex. Stock.	Test per Certificate	W'ght req'd per Rule.	Machine where Tested and Superintendent, also Name of Anchor Maker.
		1	3½	
		1		
Collective Weights			7	
Stream 2.....	441 P 220 P	1	0.3.0	
Kedge	332 P 134 P	1	0-2-0	
2nd Kedge....				

Standing and Running Rigging are sufficient in size and in quality. She has Two Long Boats and .....

The Windlass is good. Capstan none and Rudder good. Pumps good

Engine Room Skylights.—How constructed? in plain wood. How secured in ordinary weather? by hinges

What arrangements for deadlights in bad weather? two scuttles in each Companion way.

Coal Bunker Openings.—How constructed? each side of boilers How are lids secured? hanging holes Height above deck? none

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? five scuppers each side and three Ports each side

Cargo Hatchways.—How formed? iron **Hatches,** If strong and efficient? yes

State size **Main Hatch** 20' + 8" Forehatch none Quarterhatch none

If of extraordinary size, state how framed and secured ... . What arrangement for shifting beams? .....

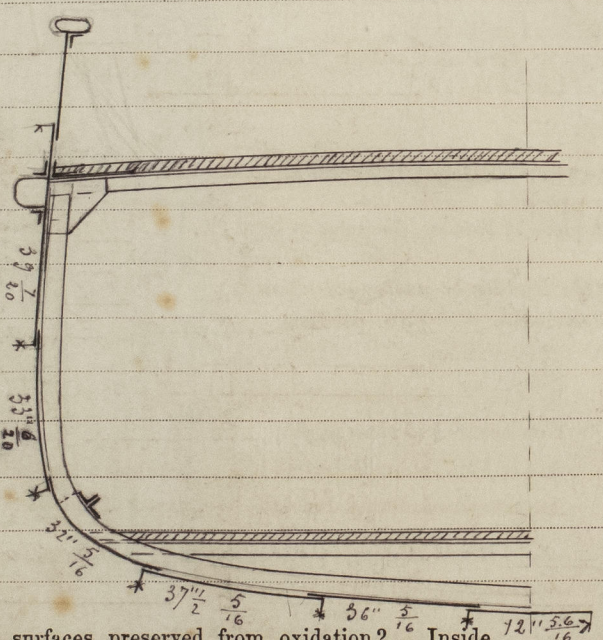
Order for Special Survey No. .....
Date .....
Order for Ordinary Survey No. .....
Date .....
No. ..... in builder's yard.

DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought .....
2nd. On the plating during the process of riveting .....
3rd. When the beams were in and fastened, and before the decks were laid.... .....
4th. When the ship was complete, and before the plating was finally coated or cemented.. .....
5th. After the ship was launched and equipped ..... Total No. of Visits .....

State dates of letters respecting this case .....

General Remarks (State quality of workmanship, &c.) General conditions sufficiently good for the Navigation to which she is Destined



How are the surfaces preserved from oxidation? Inside ..... Outside .....

Particulars for Record in R.B.—Length of Poop ..... ft., R.Q.D. ..... ft, Bridge Dk., ... ft., F'castle ..... ft.; No. of Dks. (excluding spar, awn., &c.) .....

Material of dks. ..... If spar, awn. dk., &c. ..... Material of spar, awn. dk, &c. ..... ; No. of tiers of beams (with and without dks. laid) ..... ;

Official No. ..... ; Signal Letters .....

If double bottom, state particulars on separate form.

I am of opinion this Vessel should be Classed 75 A

The amount of the Entry Fee .....£ 1 : : to be is received by me, if classed 18

Special .....£ 9 : :

(to be sent as per margin). Certificate ... " : 2 : 6.

(Travelling Expenses, if any, £).

L. Olivier

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

Committee's Minute TUE 23 DEC 90 FRI 2 JAN 91 FRI 16 JAN 91

Character assigned Deferred Deferred A— for River & Coasting purposes - Colombo

Write to the Surveyor in accordance with the Chief Surveyor's Remarks

Inquire

NB 89 MC 12 90

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Reference should be made to any correspondence connected with the case.

Certificate to be sent to