~~2 Dks., R.Q.Dk.,~~
~~Pt. Awng. Dk.~~

~~IRON OR~~ STEEL STEAMER.

Received at London Office SAT 14 AUG 1897

State if Report is also sent on the Machinery of the Vessel Yes

Date of completion of Report 13th August, 1897. Port of Leith

No. 8506 Survey held at Inverkeithing & Leith Date, First Survey 14th Aug 1896. Last Survey 13th Aug 1897.

On the Steel Screw Steamer "Marguerite Depeaux" Rig 3 masts, schooner

(now named "Clearance")

ONE OR TWO DECKED VESSEL.

CLASS 100 A1

		FEET.
NNAGE under Tonnage Deck	326.74	
. of Poop	✓	
. of Raised Qr. Dk. or Break	66.31	
. of Bridge House	14.60	
. of Forecastle	15.30	
. of Houses on Deck	15.86	
. of excess of Hatchways	22.23	
. above Crown of Engine Room	34.30	
ross Tonnage	495.34	
ss Crew Space 31.08 ~~65.38~~		
ss above Crown of Engine Room 34.30	65.38	
NNAGE FOR FEES	429.96	
ss Engine Room 25.20		
ss Navigation Spaces 21.09		
egister Tonnage as cut on Beam	191.97	
Half Breadth (*moulded*)	12.50	
Depth *from upper part of Keel to top of Main Deck Bms.*	13.08	
Girth *of Half Midship Frame (as per Rule)*	23.91	
1st Number	4949	
Length	164	
2nd Number	8116.36	
Proportions—*Breadths to Length*	6.5 ✓	
Depths to Length—Main Deck to top of Keel	12.5 ✓	

Master V. Carpentier

Year of appointment (1) *As master in service of owner of present vessel:*—18 94 (2) *As master of this vessel* 18 97

Built at Inverkeithing

When built 1896 & 97 Launched 7th Jan. 97.

By whom built Cumming & Ellis

Owners Felix Depeaux & fils

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

Residence Rouen

Port belonging to Rouen

Destined Voyage Not fixed *If Surveyed while Building, Afloat, or in Dry Dock* Building & Afloat in Dry Dock

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.		Horse.	
ENGTH on Deck as per Rule	164	—	**BREADTH**—Moulded	25	—	**DEPTH**—Top of Floors to Main Deck Beams.	10	5	Power of Engines	117	No. of Decks with Flat laid One; No. of Tiers of Beams One

imensions of Ship per Register, Length, 165 breadth, 25.1 depth, 10.2. Moulded Depth, ft. 12 ins. 6. Round of Beam 7 inches.

FRAMING.

	Inches in Ship.	Inches in Ship.	~~16ths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Approved	~~16ths or~~ 20ths per Rule ved.
RAME, Angles, ~~L, E or [Bars~~, for ⅗ length amidships	3	3	6	3	3	6
Do. for ⅕ at each end	3	3	5	3	3	5
Do. in way of Double Bottoms at Solid Floors	3	3	6	3	3	6
,, ,, ~~at intermdt. Bkts.~~						
Distance of Frames from moulding edge to moulding edge, all fore and aft		21			21	
EVERSED FRAME, Angles	2½	2½	5	2½	2½	5
~~DEEP FRAMING,~~ ~~depth of girder~~						
FLOORS, depth and thickness of Floor Plate at mid-line for ⅗ length amidships		14	6		14	6
,, in way of Engines and Boilers			7x8			7x8
,, thickness at the ends of vessel			5			5
,, depth at ¾ the half breadth, as per Rule		8			7	
,, height extended at the Bilges		28			28	
FLOORS & BRACKETS, in **Cell Dble Bottoms**		32	6		32	6
,, ,, Distance apart		21			21	
CENTRE GIRDER, in Double Bottom, depth and thickness		32	10		32	10
,, ,, Angles, Top	3½	3½	7	3½	3½	7
,, ,, ,, ~~Bottom~~						
SIDE GIRDERS, number and thickness 1			6			6
,, Angles	3	2½	6	3	2½	6
MARGIN PLATE, depth (exclusive of flange) and thickness		18	6		18	6
,, Angles	3	3	7	3	3	7
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		54	7		31	7
,, ,, ~~thickness in Engine and Boiler space~~						
,, ,, ,, Remainder in Holds			6			6
BEAMS, Main and Raised Quarter Deck, Single Angle, ~~Bulb Angle, Plate or Tee Bulb~~	5	3	6	5	3	6
,, ~~Angles on Upper~~ Edge						
,, Average space		21			21	
~~BEAMS, Lower Deck,~~ ~~Single Angle, Bulb~~ Angle, Plate or Tee Bulb						
,, Angles on Upper Edge						
,, Average space						
BEAMS, Hold, Plate or Tee Bulb						
,, Angles on Upper Edge						
,, Average space						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
,, Angles on Upper Edge						
,, ~~Average space~~						
BEAMS, Bridge Deck, Angle, ~~Bulb Angle,~~ ~~Plate or Tee Bulb~~	4½	3	6	4½	3	6
,, ~~Angles on Upper Edge~~						
,, Average Space		42			42	
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle,~~ ~~Plate or Tee Bulb~~	4	2½	6	4	2½	6
,, ~~Angles on Upper Edge~~						
,, Average space		21			21	
PILLARS, In 'tween Decks, Size and Spacing						
,, ,, **Hold** ,, ,,	2½x	2¾	42	2½x	2¾	42
,, **Quarter, 'tween Dks.,** ,, ,,						
,, ,, **in Hold** ,, ,,						
WEB FRAMES, In Fore Body, No. and Spacing	2 as shown on profile plan					
,, ,, ,, Brdth. & Thickness		15	6		15	6
,, ~~No. of Side Stringers~~ ,, ,,						
WEB FRAMES, In E. & B. Space, No. & Spacing	3 as pr. profile plan					
,, ,, ,, Brdth. & Thickness		15	6		15	6
WEB FRAMES, In After Body, No. and Spacing	1			1		
,, ,, ,, Brdth. & Thickness		15	6		15	6
,, No. of Side Stringers 1 ,, ,,		15	6		15	6
,, Size of Angles ~~or Tee Bars~~ to **Web Frames**	4	3	7	4	3	7
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	30	21	6	30	21	6

FORGINGS ~~AND CASTINGS~~.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates ~~depth and thickness~~ Keel Bar	6 x 1⅝	6 x 1⅝
STEM, moulding and thickness	6½ x 1¾	6½ x 1¾
STERN-POST for Rudder do. do.	6½ x 3½	6½ x 3½
,, for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4½	4½
do. at heel	3¼ x 3	2¾

RUDDER, how constructed Ordinary Hay

Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	~~16ths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Approved	~~16ths or~~ 20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~		12	11		12	11
,, Rider Plate		8	9		8	9
,, ~~Bulb Plate to Intercostal Keelson~~						
,, ~~Horizontal Plates on Floors~~						
,, Angles	3½	3	6	3½	3	6
SIDE KEELSON, Angles	2	2	5/16	2	2	5/16
,, ~~Bulb or Plate above floors for~~ ~~lng.~~						
,, Intercostal Plate for ½ length			5			5
,, ~~Attached to outside plating with Angle~~						
BILGE KEELSON, Angles	5	4	8	5	4	8
,, Bulb ~~or Plate~~ above floors for ⅗ len.	5	2½	6	5	2½	6
,, ~~Intercostal Plate for~~ ~~length~~						
,, ~~Attached to outside plating with Angle~~						
BILGE STRINGER Angles	5	4	9	5	4	9
,, ~~Bulb Plate for~~ ~~length~~						
,, ~~Intercostal Plate for~~ ~~length~~						
,, ~~Attached to outside plating with Angle~~						
SIDE STRINGER Angles	5	4	9	5	4	9
,, ~~Bulb or Intercostal Plate for~~ lng.						
,, ~~Attached to outside plating with Angle~~						
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	38	8		38	8	
,, Angle on ditto	3 x 3 x	7		3 x 3 x	7	
,, ~~Tie Plates fore & aft, outside Hatchways~~						
,, ~~Diagonal Tie Plates on Bms., No. of Pairs~~						
,, Main Dk* ~~Iron or~~ Steel for whole lng.		6			6	
,, R. Q. Dk* ~~Iron or~~ Steel for do. lng.		6			6	
,, ~~Wood Deck, Material & thickness~~						
Lower Deck Stringer Plate, breadth and thickness						
,, Angles on ditto, No.						
,, Tie Plates, outside Hatchways						
,, Deck* Material and thickness						
Hold Stringer Plate						
,, Angles on ditto, No.						
Poop Deck Stringer Plate, breadth & thickness						
,, Angle on ditto						
,, Tie Plates						
,, ~~Deck, Material and thickness~~						
Bridge Deck Stringer Plate, brdth & thickness	24	6		24	6	
,, Angle on ditto	2½ x 2½ x	6		2½ x 2½ x	6	
,, Tie Plates	6	5		6	5	
,, Deck, Material and thickness Pine	3			3		
Forecastle Deck Stringer Plate, brdth & thcknss	45	5		24	5	
,, Angle on ditto	2½ x 2½ x	5		2½ x 2½ x	5	
,, Tie Plates						
,, Deck, Material and thickness Steel		5			5	

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

BULKHEADS.

	Number. In Vessel.	Number. Per Rule.	Thickness. ~~16ths or~~ 20ths.	STIFFENERS. Horizontal. Inches.	STIFFENERS. Vertical. Inches.	STIFFENERS. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	4	4	5	3 x 3 x 5/20	3 x 3 x 5/20	30	3 to double 1 to single	Upper Dk
PARTITION ,,	✓							
LONGITUDINAL ,,	✓							

Are the outside Plates doubled two spaces of Frames in length? Yes

Form No. 1A.

STRAKES.	PLATING. AS IN SHIP. Amidship. Breadth. Inches.	Amidship. Thickness. 16ths or 20ths	Forward. Thickness. 16ths or 20ths	Aft. Thickness. 16ths or 20ths	PER RULE OR AS APPROVED. Amidship. Breadth. Inches.	Amidship. Thickness. 16ths or 20ths	RIVETING. EDGES. Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	BUTTS. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. 16 or 20ths.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
~~Flat Plate Keel~~ (If Bar Keel, state Riveting)							Double		1	5							
Garboard or A Strake	48	10	9	9	48	10	Do	4 1/2	3/4	3	Double	3/4	2 5/8	9 3/4	10	—	—
B " (State actual thickness in way of Double Bottom.)	53	7	6	6	53	7	Do	4 1/2	3/4	3	Treble 1/2 L	3/4	2 5/8			7 1/2	whole L
C "	45	8	6	6	45	8	Do	4 1/2	3/4	3	Do	3/4	2 5/8			7 1/2	Do
D "	53	9	7	7	53	9	Do	4 1/2	3/4	3	Do	3/4	2 5/8			7 1/2	Do
E "	45	7	6	6	45	7	Single	2 1/2	3/4	3	Do	3/4	2 5/8			7 1/2	Do
F "	51	7	6	6	51	7	Double	4 1/2	3/4	3	Do	3/4	2 5/8			7 1/2	Do
Sheer G "	33	11	8	8	33	11	Do	4 1/2	3/4	3	Do	3/4	2 5/8			7 1/2	Do
H "																	
J "																	
K "																	
L "																	
M "																	
N "																	
O "																	
P "																	
Doubling of ~~Flat Plate Keel~~																	
Length and thickness ~~of Bilges~~																	
of Sheerstrakes	12 ft 8"	7															
~~of Strake below~~																	
~~Poop Sides~~																	
Raised Quarter Dk. Sides (Doubled at break)	12 ft 8"	6				6	Single	2 1/2	3/4	3	Do	3/4	2 5/8	—	—	7 1/2	Do
Bridge Sides		5				5	Do	2 1/2	3/4	3	Do	3/4	2 5/8	—	—	7 1/2	Do
Forecastle Sides		5				5	Do	2 1/2	3/4	3	Double	3/4	2 5/8	—	—	4 1/4	Do
Lengths of Plating	7 frame spaces																

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.? Siemens Martin process: Lanarkshire, Mossend, Hallside, Dalzell. —

Main Stringer Plate { **Butts,** ~~treble~~ double riveted for whole length ~~amidship~~.
{ ~~**Straps,** single, double or~~ overlapped for whole length ~~amidship~~

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? Treble & Double

Inner Bottom Plating, riveting of **Edges** Double & single **Butts** Double & single

Centre Girder Butts, treble riveted. **Keelson Butts,** treble riveted.

Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/2 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from keel or margin plate to gunwale

REVERSED FRAMES on floors and frames extend from middle line to bilge stringer & upper deck alternately.

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round	Angles. Number.	Size.	Riveting. Seams.	Butts.
Lower Masts { Fore / Main / Mizen	Pole Masts of Pitch Pine.										
~~Bowsprit~~											

~~Topmasts, Yards and~~ Remainder of **Spars** Wood

Rigging, Material and Size, **Shrouds** Steel Wire 2 3/4. **Stays** 2 3/4 do

Sails. One Suit of Sails and the following spare sails —

EQUIPMENT No. 8877.26 **LETTER** h. ~~**TONNAGE FOR TRAWLERS**~~ ~~U.Dk.~~

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight Req. by Rule. Cwts.	qrs.	lbs.	Description of Anchor.	Makers. (If Patent state Name of Patentee.)	Where and when tested and Superintendent.
30891	1st Bower	12	3	0				14	10	2	14	12	2	0	Stockless Taylors Patent	G. Billingham	Sld. 29 Decr. 96 H. T. Holford
30892	2nd "	12	2	7				14	8	1	21	12	2	0	Do	Do	Do Do
30893	3rd "	10	2	7				12	10	3	21	10	2	0	Do	Do	Do 30 Do Do
	Collective weight	35	3	14								35	2	0			
30907	Stream	4	3	0	1	0	21	7	2	2	0	3 3/4	3	0	Common	Do	Do 5 Jan. 97 Do
30917	Kedge	2	1	0	0	2	14	4	15	0	0	1 7/8	3 3/4	0	Do	Do	Do Do Do
	~~2nd~~ Kedge																

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable. Supplied.	Per Rule.	Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.
12656	105	1 1/8	34 1/8	68.1.4		195 - 1 1/8	Stud Link	G. Billingham	Sld. 12 Jan. 97. H. T. Holford
12657	90	1 1/8	22 3/4	58.0.21			Do	Do	Do Do Do
				126.1.25	126.1.0				
~~Iron~~ Stream ~~Chain~~ ~~or~~ Steel Wire	60	2 3/4	17 1/2			60 - 2 3/4	Steel Wire	H. Burton & Co	Gls. 17 Febr. 97

HAWSERS AND WARPS.

	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
Towline	Manilla / Steel Wire	65 / 10	8 / 2 3/4	17 1/2	75 - 2 3/4
Hawser	Do	90	2 1/4	10	90 - 6 1/4
Warp	Do	90	2 1/4	10	90 - 6

Boats 2 Life Boats & a Dingy

Pumps, Number 3 Diameter of Barrel and Tail Pipe 4 1/2 & 2 1/4 & 1 of 4 × 2

Windlass is Emerson Walker & Thompson's Iron Patent **Capstan** good

Engine Room Skylights.—How constructed? Teak, bolted to iron casing, 6 ft. above ur. Dk.

What arrangements for deadlights in bad weather? Tarpaulin

Coal Bunker Openings.—How constructed? Iron Coamings How are lids secured? Batten down Height above deck? 12 in.

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** In well 2 scuppers & 2 ports each side

Ceiling in Holds, thickness and material in flat of bottom 2 1/2" pine **Ceiling 'tween Decks,** thickness and material Not any; exclusively for Coal Trade

Cargo Hatchways.—How formed? 21 ft × 14 ft **Hatches.**—If strong and efficient? Yes

State size **No. 1 Hatch** (Forward) 21 ft × 14 ft **No. 2 Hatch** 19' 3" × 14' 0 **No. 3 Hatch** 8' 9" × 14' 0 ~~**No. 4 Hatch**~~

Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch Nos 1 & 2 have 2 deep webs & 3 wood fore & afters.

No. of Breasthooks 3 **No. of Crutches** 2

Bulwarks, height above deck and description 4 ft of 5/20 steel. **Main Rail,** material and size Channel iron 4 1/2" × 3" × 3"

The above is a correct description.

Builder's Signature (here only.) [signature]

Surveyor's Signature D. Paulsen

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

Form No. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*) 6th Aug. & 21st Septr. 96.

Workmanship. Are the butts of plating planed or otherwise fitted? All butts lapped except those of garb. strake, planed. —

Is the riveted work properly closed? Yes

Are the liners between the frames 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.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

General Remarks (State quality of workmanship, &c.)

Workmanship & Material Good.

This vessel is built in accordance with the approved plan of Midship Section forwarded to the Secretary on the 21st April '97 and in conformity with the Rules.

The Weather Decks were flooded and are tight; pumps, sluice valves & watertight doors in bulkheads are in good working order. —

Vessel being intended exclusively for the coal trade there are no ceiling battens fitted above the close ceiling in holds.

Electric light installation is fitted on board by Messrs. J. H. Holms & Co. of Newcastle, Report on same being hereto attached, as also a profile plan & 2 ship forging Reports.

The survey is completed, except as regards the Electric light installation, which requires yet to be seen at work and as vessel is laid up at Leith this report is now forwarded. —

The Surveyor should state the Number of Report and Name of any Sister Vessel. Not a sister ship to any other.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. or Break 95 ft., Bridge Dk. 10 1/2 ft., F'castle 28 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 R.Q. Dk. joins B. Dk.

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) 1 Dk. (Steel) & Web frames aft.

Official No. ; Signal Letters .

How are the surfaces preserved from oxidation? Inside Portland Cement & Paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, —	—	—	Fore peak tank,	28	63
Double bottom, forward, & amidships (cellular)	72	117	After peak tank, —		
Double bottom, under Engines and Boilers, —			Midship deep tank, —		
Double bottom, if under Engines only, —			Other tanks, if fitted, —		
Double bottom, if under Boilers only, —			(If necessary, furnish further information by sketch.) —		

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 663

Date 29th Septr. 1896

~~Order for Ordinary Survey No.~~

~~Date~~

No. 24 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 } Built under Special Survey & surveyed: —

2nd. On the plating during the process of riveting 1896: — Aug. 14.29; Octr. 6.13.20.27; Novr. 4.11.18.25; Decr. 2.9.16.23.30.

3rd. When the beams were in and fastened and before the decks were laid } 1897: — Jan. 7.13.20.27.29; Febr. 3.4.10.13.16; March 8.15.22.25.30;

4th. When the ship was complete, and before the plating was finally coated or cemented } April 5.12.20.23.29; May 6.11.14.15.19; June 9.10

5th. After the ship was launched and equipped Aug. 13. Total No. of Visits 43

The amount of Entry Fee £ 2 : — : —

Special £ 21 : 10 : —

Certificate* £ — : — : —

Travelling Expenses, if any £ 3 : 8 : —

Fees applied for, 13th Aug. 1897

Received by me, 21.8 1897

B 23.8.97

* *Certificate to be sent to* Leith office.

I am of opinion this Vessel should be Classed ✠ 100 A1 "Steel" ~~With, or~~ without Freeboard, as condition of Class (subject to Electric light installation being seen at work & found satisfactory)

D. Paulsen

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

Committee's Minute FRI 20 AUG 1897 TUES. 13 DEC 1898

Character assigned 100 A1 Steel Subject

a rcl

+ Lwcl 6, 97 TUES. 16 MAY 1899

Elec light 1 Dk (Stl) FRI. SEP 15 1899

Well dk.

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