

With or Without Disconnected Erections.

STEEL STEAMER.

THU. JAN 16 1913
Received at London Office

Date of completion of report 14th January 1913. Port of Sunderland
Survey held at Sunderland Date, First Survey Jan 6th 1912 Last Survey Jan 13th 1913
On the (State if Single, Twin, or Triple Screw) "SOCOA" Rig Schooner
Master E. Le Floch

TONNAGE under Tonnage Deck	2527.94
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop Houses.....	30.21
Do. of R.O. Dk. Larr. & R.R.	29.12
Do. of Bridge House.....	4.56
Do. of Forecastle Houses.....	34.56
Do. of Houses on Dk.	65.07
Do. of excess of Hatchways.....	51.62
Do. above Crown of Engine Room	
Gross Tonnage	2743.08
Less Crew Space.....	73.25
Less above Crown of Engine Room	
TONNAGE FOR FEES	2669.83
Less Engine Room.....	877.79
Less Navigation Spaces.....	151.78

CLASS $\pm 100A.1$	FEET.
Breadth (greatest moulded).....	45.75
Depth , at middle of length from top of keel to top of upper deck beams at side.....	24.83
Transverse Number	70.68
Length on deck from fore part of stem to after part of stern post.....	299.00
Longitudinal Number	21103
Depth "d" , at middle of length (See Secs. 2 & 13)	21.9 1/2
Proportions —Depths to Length—Upper Deck Beam at side to top of keel.....	12.04
" " Long Bridge Deck Beam at side to top of keel.....	9.39

Year of appointment	(1) As Master in service of owner of present vessel:—1912 (2) As Master of this vessel:—1913
Built at <u>Sunderland</u>	
When built <u>1913</u>	Launched <u>27-12-12</u>
By whom built <u>R. Thompson & Sons Ltd</u>	
Owners <u>Cie. des Chargeurs Francais</u>	
Managers	(Where necessary to be entered in Reg. Book.)
Residence <u>Paris</u>	
Port belonging to <u>Bayonne</u>	

Register Tonnage as cut on Beam ..		1713.51		Destined Voyage		Havre		If Surveyed while Building, Afloat, or in Dry Dock						Yes	
LENGTH on Deck as per Rule		Feet. 299 Inches. 0		BREADTH— Moulded		Feet. 45 Inches. 9		DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams		Feet. 22 Inches. 6 1/2		No. of Decks with flat laid		one	
								Do. do. do. do. Second Dk. Beams				No. of Tiers of Beams		one	
Moulded depth, ft. 31 ins. 10 To Bridge Dk. Round of Upper Dk. Beam, Actual 11															
Moulded depth, ft. 24 ins. 10 To Upper Dk.															

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or E or L Bars amidships	9 1/2	3 1/2	56	9 1/2	3 1/2	56	PILLARS, In ^{BRIDGE} Deck , size and spacing	2 3/4	50	2 3/4	50	2 3/4	50
Do. in peaks	6 1/2	3 1/2	40	6 1/2	3 1/2	40	" " ^{Hold} " "	4 1/2	50	4 1/2	50	4 1/2	50
Do. in way of Double Bottoms at Solid Floors.....	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Quarter 'tween Dks. , " "	"	"	"	"	"	"
" " at intermdt. Bkts.	5	3 1/2	40	5	3 1/2	40	" " in Hold ^{AT SIDE HATCHES} " "	4 3/8	100	4 3/8	100	4 3/8	100
Spacing of Frames from centre to centre amidships	25			25			KEELSONS & STRINGERS.						
" " " " from 1/2 length to Collision bulkhead	25			25			CENTRE LINE KEELSON , Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" " " " in peaks.....	24			24			" Rider Plate						
REVERSED FRAME, Angles							" Flat Plate Keel Angles						
Do. in way of Double Bottoms at Solid Floors.....	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Horizontal Plates on Floors						
" " at intermdt. Bkts.	4	3	36	4	3	36	" Angles or Bulb Angles						
FRAMING , depth of girder	9 1/2			9 1/2			SIDE KEELSONS , Number						
FLOORS , depth and thickness of Floor Plate } at mid-line for 1/2 length amidships... }							" Angles or Bulb Angles						
" in way of Engine and Boiler Spaces							" Plate above floors, for length.....						
" thickness at the ends of vessel							" Intercoastal Plate, for length.....						
" depth at 1/2 the half breadth, as per Rule							" Attached to outside Plating with Angle						
" height extended at the Bilges							BILGE KEELSON , Angles						
FLOORS in Cell. Double Bottoms	34			34			" Intercoastal Plate for length.....						
" state if flanged (top & bottom).....							" Attached to outside Plating with Angle						
" Spacing of Solid floors							SIDE STRINGERS , Number						
CENTRE GIRDER , in Dbl. bottom, dpth. & thcknss.	38	48		38	48		" Angle						
" " Angles, Top ^{SINGLE}	4	4	56	4	4	56	" Intercoastal Plate, for length.....						
" " Bottom ^{DOUBLE}	4	4	56	4	4	56	" Attached to outside plating with Angle						
" " to Floors ^{DOUBLE}	3 1/2	3 1/2	36	3 1/2	3 1/2	36	Upper Deck Stringer Plate , br'dth & thickness } (clear of Bridge) }	50	56	50	56	50	56
" Brackets at intermdt. frmg., wdth & thknss	21	34		21	34		" " " " br'dth & thickness } (in way of Bridge) }	50	46	50	46	50	46
SIDE GIRDERS , number on each side & thickness	21	34		21	34		" " " Angle (clear of Bridge) ...	4 1/2 x 4 1/2	56	4 1/2 x 4 1/2	56	4 1/2 x 4 1/2	56
" state if flanged (top and bottom).....							" " Tie Plate at sides of Hatchways						
" Angles (top and bottom)	3 1/2	3 1/2	36	3 1/2	3 1/2	36	" Deck * Iron or Steel , ^{WIRE BRASS} ^{FOR FILLING}						
" to Floors	3	3	34	3	3	34	" Thickness (clear of Bridge)	IRON	38	IRON	38	IRON	38
MARGIN PLATE , depth (exclusive of flange) } and thickness..... }	3 1/2	40		31	40		" (in way of Bridge)	STEEL	30	STEEL	30	STEEL	30
" Angles to Outside Plating	3 1/2	3 1/2	40	3 1/2	3 1/2	40	" Wood Deck. Material & thickness						
" Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	36	Second Deck Stringer Plate , br'dth & thickness						
" Brackets at intermdt. frmg., wdth & thknss	21	34		21	34		" Angles on ditto, No.						
" Height of Outside Brackets above at bilge	20			20			" Tie Plates outside Hatchways						
INNER BOTTOM PLATING , breadth and } thickness of Middle Line Strake }..... }	IRON	64	46	64	42		" Deck * Iron or Steel, for filling						
" " " in Engine and Boiler space	IRON	40	52	40	52		" Wood Deck. Material & thickness						
" " " Remainder in Holds	IRON	40		40			Third Deck Stringer Plate , br'dth & thickness						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3 1/2	50	8 1/2	3 1/2	50	" Angles on ditto, No.						
" In way of Long Bridge	8	3	44	8	3	44	" Tie Plates outside Hatchways						
" Spacing							" Deck. Material & thickness						
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate , } breadth & thickness }						
" Angles on upper edge							" " Angles on ditto, No.						
" Spacing							" " Tie Plates outside Hatchways						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck. Material & thickness						
" Angles on upper edge							Poop Deck Stringer Plate , breadth & thickness	30	32	30	32	30	32
" Spacing							" Angle on ditto	3 x 3	32	3 x 3	32	3 x 3	32
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	40	5 1/2	3	40	" Tie Plates						
" Angles on upper edge							" Deck. Material and thickness	IRON	28	IRON	28	IRON	28
" Spacing							Bridge Deck Stringer Plate , br'dth & thickness	44	48	44	48	44	48
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42	7 1/2	3	42	" Angle on ditto	4 1/2 x 4 1/2	52	4 1/2 x 4 1/2	52	4 1/2 x 4 1/2	52
" Angles on upper edge							" Tie Plates						
" Spacing							" Deck. Material and thickness	IRON	34	IRON	34	IRON	34
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 1/2	3 1/2	50	9 1/2	3 1/2	50	Forecastle Deck Stringer Plate , b'dth & th'kns	30	32	30	32	30	32
" Angles on upper edge	3 1/2	3 1/2	44	3 1/2	3 1/2	44	" Angle on ditto	3 x 3	32	3 x 3	32	3 x 3	32
" Spacing							" Tie Plates	8	32	8	32	8	32
							" Deck. Material and thickness	5 x 3	PP	5 x 3	PP	5 x 3	PP

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

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing					
" " " brdth. & thickness					
" " " No. of Side Stringers " "					
WEB-FRAMES, In E. & B. Space, No. & spacing					
" " " brdth. & thickness					
WEB-FRAMES, In After Body, No. and spacing					
" " " brdth. & thickness					
" " " No. of Side Stringers " "					
" " " Size of Face Angles to Web-Frames.....					
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....					

BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.
		Vessel.	Per Rule.	Horizontal.	Vertical.		
				Size.	Spacing.	Size.	Spacing.
				Inches.	Inches.	Inches.	Inches.
W.T.BULKHEADS		6	5				
AFTER PEAK							
" HOLD							
FORE HOLD							
" COLLISION "							
PARTITION "							
LONGITUDINAL "							

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

Are the ~~Shut~~ Valves and Watertight Doors in efficient working order? *YES*

PLATING.										RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or jogged? <i>ORDINARY</i>				BUTTS. <i>✓</i>							
		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.			Inches.	Inches.		Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.
FLAT PLATE KEEL.....		44	58	58	58	44	58	44	58	DOUBLE	6	1	4 1/2	TREBLE	1	4	19	52	
GARBOARD OF A Strake		54	58	58	58	54	58	54	58	"	5 1/4	3/8	3 1/2	"	3/8	3 1/2			
State actual thickness in way of Double Bottom.		B	58	58	58	58	58	58	58	"	"	"	"	"	"	"	"	"	
C		57	58	58	58	57	58	57	58	"	"	"	"	"	"	"	"		
D		55	58	58	58	55	58	55	58	"	"	"	"	"	"	"	"		
E		60	58	58	58	60	58	60	58	"	"	"	"	"	"	"	"		
F		60	58	58	58	60	58	60	58	"	"	"	"	"	"	"	"		
G		60	58	58	58	60	58	60	58	"	"	"	"	"	"	"	"		
H		60	58	58	58	60	58	60	58	"	"	"	"	"	"	"	"		
J		60	58	58	58	60	58	60	58	"	"	"	"	"	"	"	"		
SHEERSTRAKE		44	54	54	54	44	54	44	54	"	"	"	"	"	"	"	"		
L		45	50	50	50	45	50	45	50	"	"	"	"	"	"	"	"		
BRIDGE SHEER		44	52	52	52	44	52	44	52	"	"	"	"	"	"	"	"		
M																			
N																			
O																			
P																			
Q																			
R																			
S																			
T																			
U																			
V																			
W																			
THICKNESS OF SHEERSTRAKE		44	54	54	54	44	54	44	54	DOUBLE	6	1	4 1/2	QUAD 2L	1	4	19	52	
CLEAR OF LONG BRIDGE		60	60	60	60	60	60	60	60	"	5 1/2	3/8	3 1/2	TREBLE	3/8	3 1/2	-	-	9
DO. OF STRAKE BELOW																			
DBLG. of Flat Plate Keel																			
" Sheerstrakes		21-3	34	56	56	AT ENDS OF BRIDGE				SINGLE	3	3/4	3	DOUBLE	3/4	2 5/8	-	-	5
Length and thickness.																			
POOP SIDES						34				SINGLE	3	3/4	3	DOUBLE	3/4	2 5/8	-	-	5
SHORT BRIDGE SIDES										SINGLE	3	3/4	3	DOUBLE	3/4	2 5/8	-	-	5
FORECASTLE SIDES						38				SINGLE	3	3/4	3	DOUBLE	3/4	2 5/8	-	-	5

Upper Deck Butts, TREBLE riveted for length amidship.

Stringer Plate Straps, single, double or overlapped for 1/2 length amidship.

BRIDGE Second Deck Butts, TREBLE riveted for length amidship.

Stringer Plate Straps, single or overlapped for FULL length amidship.

Butts of Side Stringers *✓* riveted.

Tie Plates DOUBLE riveted.

Inner Bottom Plating, riveting of Edges DOUBLE + SINGLE Butts DOUBLE + SINGLE

Centre Girder Butts, TREBLE riveted Keelson Butts, *✓* riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/4 apart.

Rivets, state whether Iron or Steel IRON

FRAMES extend in one length from *centre line to margin plate and thence to gunwale* State if ordinary or jogged *ordinary*

REVERSED FRAMES on floors and frames extend from *centre line to margin plate* State if ordinary or jogged *ordinary*

MASTS, SPARS, & C.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	STEEL	55-6	19 x 7/32	18 1/2 x 7/32	✓	1 1/2 x 5/32	TWO	✓	SINGLE	TREBLE
	Main		64-9	19 x 7/32	17 1/4 x 7/32	✓	1 1/2 x 5/32	TWO	✓	SINGLE	TREBLE
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars <i>of pine</i>											
Rigging, Material and Size, Shrouds <i>3 1/2 wire</i> Stays <i>2 1/2 + 3 1/4 wire</i>											
Sails. <i>✓</i> Suit of <i>✓</i> Sails, and the following spare sails <i>✓</i>											

EQUIPMENT No. 22130			LETTER t			ANCHORS.			TONNAGE U. DK. OR PLATING No. FOR TRAWLERS		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.						
16258	1st Bower	42 2 21	STOCKLESS	37 13 3 0	42 0 0	BYERS STOCKLESS		SLD. 15-11-12 L. HAFNER			
16257	2nd "	42 0 0	"	37 2 2 0	42 0 0	"		" " "			
16198	3rd "	35 3 7	"	33 0 2 14	35 2 0	"		" 30-10-12 "			
	4th "										
	Collective weight	120 2 0			119 2 0						
16177	Stream	11 1 7	2 3 21	13 5 0 0	11 0 0	COMMON	HINGLEY	SLD. 26-10-12 A. GREEN			
16179	Kedge	5 1 21	1 1 21	7 16 1 0	5 1 0	"	"	" " "			

CHAIN CABLES.										HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31.				
	Length. Diam.	Statutory. Break-ing.	Supplied. Per Rule.	Length. Diam.					Length. Cir.	Tons. 33' 180'	Length. Cir.				
5962	120 1 1/8	63 1/4	88 1/2	217-0-14				TOWLINE	Fathoms. Ins.	Tons. 33' 180'	Fathoms. Ins.				
5966	120 1 1/8	63 1/4	88 1/2	218-1-4	425-1-0	240 1 7/8	SLD. 30-10-12 A. GREEN	HAWSERS & WARPS	2-90 2 1/2	12 1/2	-				
Iron Stream Chain or Steel Wire	90 4 1/4	-	35 1/2	135-1-18	-	75 4 1/4	-	" "	2-90 2 1/4	9 1/2	-				
								" "	4-90 7	MANILLA	2-90 7				
								" "	1-90 6	-	2-90 6				

Boats *Two lifeboats 24 ft and two cutters 16 ft.* Steering Gear, Steam *Yes* Steering Gear, Hand *Yes*
Pumps, Number *one hand pump and one Daviton* Diameter of Barrel *5" x 6"* State whether they are in efficient working order *Yes*
Windlass is *steam by Emerson, Walker & Thompson Bros Ltd.* Capstan *✓*
Engine Room Skylights.—How constructed? *steel plates and angles* What arrangements for deadlights in bad weather? *bull's eyes in hinged steel flaps*
Coal Bunker Openings.—How constructed? " " " " How are lids secured? *cleats, battens, wedges, etc.* Height above deck? *18*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *Six scuppers, six freeing ports. aft 3 @ 3-9 x 1-5 P & S, Bow 2 @ 4-2 x 1-6 P & S*
Ceiling in Holds, thickness and material *2 1/2" w. wood (complete)* Cargo Battens, thickness and material *7 x 2 w. w.*
Cargo Hatchways.—How formed? *steel plates and angles* Hatches, If strong and efficient? *Yes*
State size No. 1 Hatch (Forward) *24-11 x 15-11* No. 2 Hatch *24-11 x 15-11* No. 3 Hatch *22-11 x 15-11* No. 4 Hatch *24-11 x 15-11*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *four*
No. of Breasthooks *four* No. of Crutches *deep floors*
Bulwarks, height above deck and description *4 ft, 5/8" steel plates with stays* Main Rail, material and size *6 x 3 x 34 B.A. STEEL.*
The foregoing is a correct description. *Wagner and Ammed Larsen*
Builder's Signature (here only) *W. Thompson* Surveyor's Signature *Wagner and Ammed Larsen*
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) F 26-4-12
M 26-4-12, E 2-8-12, M 3-9-12

Workmanship. Are the butts of plating planed or otherwise fitted? *planed and overlapped*
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? *a few*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *or overlapped? Yes*
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *satisfactory*
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *satisfactory*
General Remarks (State quality of workmanship, &c.)

The material and workmanship are good

This vessel has been built in accordance with the approved plans, the Secretary's letters, as given above, and otherwise in compliance with the Rules of the Society

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

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, *14.1.1913*
Special Survey Fee £ 91 : 15 : 0 Received by me, *15.1.1913*
Travelling Expenses, if any £ : : :
State whether the Vessel has been built under Special Survey *Yes*
We are of opinion this Vessel should be Classed ** 100 A. 1.*
With, or without Freeboard, as condition of Class *without*
Certificate to be sent to *Sunderland* Date of issue *16/1/13*
Wagner and Ammed Larsen
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. JAN. 17. 1913*
Character assigned *100 A. 1*

Shed. 276. P. + Lm. 1. 13

W

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29.04 ft., R.Q.D. ☒ ft., Bridge 89.58 ft., Forecastle 32.46 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined

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) 18 in (pt. In + pt. All)
Official No. ☒ ; Signal Letters L.D.C.B. State if Machinery is fitted aft no
How are the surfaces preserved from oxidation? Inside cement and paint Outside paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>87.5</u>	<u>190</u>	Fore peak tank,	<u>20.</u>	<u>133</u>
Double bottom, under Engines and Boilers,	<u>-</u>	<u>-</u>	After peak tank,	<u>-</u>	<u>-</u>
Double bottom, if under Engines only,	<u>20.83</u>	<u>64</u>	Deep tank, aft,	<u>-</u>	<u>-</u>
Double bottom, if under Boilers only,	<u>-</u>	<u>-</u>	Deep tank, forward,	<u>-</u>	<u>-</u>
Double bottom, forward,	<u>127.08</u>	<u>314</u>	Other tanks, if fitted,	<u>-</u>	<u>-</u>
Total capacity of double bottom		<u>568</u>	(If necessary, furnish further information by sketch.)		

* 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 yes

Order for Special Survey No. 5032

Date 5.6.1912

No. 277 in builder's yard.

DATE OF SURVEYS
held while building

1912. Jan 6, 11, 21. Feb 1, 3, 4, 5, 11, 16, 18, 19, 23, 24, 30. Aug 2, 8, 10, 12, 14, 19, 27, 29. Sep 4, 9, 19, 21.
26. Oct 1, 2, 7, 11, 16, 21, 24, 31. Nov 5, 14, 16, 20, 21, 23, 26, 27. Dec 1, 7, 20, 22.
1913. Jan 6, 9, 13.

Total No. of Visits 49

Surveyor's Signature Wabner and

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Foundation