~~With or~~ Without

~~Disconnected~~ Erections.

STEEL STEAMER.

Received at London Office THU. AUG. 20. 1914

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

Date of completion of report 19·8·14. Port of Newcastle-on-Tyne No. 66538.

Survey held at Bill-Quay-on-Tyne Date, First Survey March 4th Last Survey Aug. 10th 1914

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "GRINKLE." Rig Sloop

TONNAGE under Tonnage Deck	284·13
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	284·13
Do. of Poop	
Do. of R.Q.Dk.	
Do. of ~~Bridge~~ Bridge House	·81
Do. of Forecastle	6·52
Do. of Houses on Dk.	7·73
Do. of excess of Hatchways	22·67
Do. above Crown of Engine Room	
Gross Tonnage	321·86
Less Crew Space	18·49
Less above Crown of Engine Room	
TONNAGE FOR FEES	303·37
Less Engine Room	103·00
Less Navigation Spaces Water Ballast &c.	28·17
Register Tonnage as cut on Beam	172·20

CLASS ✠ 100 A1. "

	FEET.
Breadth (greatest moulded)	25·95
Depth, at middle of length from top of keel to top of upper deck beams at side	10·25
Transverse Number	36·20
Length on deck from fore part of stem to after part of stern post	138·00
Longitudinal Number	4996·70
Depth "d," at middle of length (See Secs. 2 & 13)	8·83
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	13·46
" " Long Bridge Deck Beam at side to top of keel	✓

Master J. Willcox

Year of appointment (1) As Master in service of owner of present vessel:—1913 (2) As Master of this vessel 1914

Built at Bill-Quay-on-Tyne

When built 1914 Launched 11·7·14

By whom built Wood Skinner & Co. Ld.

Owners Jarrow Dug & Lighter Co. Ld.

Manager G. W. Todd (Where necessary to be entered in Reg. Book.)

Residence Grant St. Jarrow.

Port belonging to North Shields

Destined Voyage Coasting. If Surveyed while Building, Afloat, or in Dry Dock First Entry.

LENGTH on Deck as per Rule	Feet. 138	Inches. 0	BREADTH— Moulded	Feet. 25	Inches. 11½	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams ~~Do.~~ ~~do.~~ ~~do.~~ ~~do.~~ ~~Second Dk. Beams~~	Feet. 9	Inches. 5	No. of Decks with flat laid one; No. of Tiers of Beams one

Dimensions of Ship per Register, Length 138·1 breadth 26·15 depth 9·25. ~~Moulded depth, ft.~~ ✓ ~~ins.~~ ✓ ~~To Bridge Dk.~~ Moulded depth, ft. 10 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 7" ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
FRAME, ~~Angles, or E or~~ L Bars amidships	5½	3	·36	5½	3	·36
Do. in peaks L	5½	3	·36	5½	3	·36
~~Do. in way of Double Bottoms at Solid Floors~~		✓			✓	
" " ~~at intermdt. Bkts.~~		✓			✓	
Spacing of Frames from centre to centre amidships		21			21	
" " " " from ¾ length to Collision bulkhead		21			21	
" " " " in peaks		21			21	
REVERSED FRAME, Angles	2½	2½	·30	2½	2½	·30
~~Do. in way of Double Bottoms at Solid Floors~~		✓			✓	
" " ~~at intermdt. Bkts.~~		✓			✓	
FRAMING, depth of girder	Bulb angle framing.					
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships		17	·34		17	·34
" in way of Engine and Boiler Spaces	E·34	B·40		E·34	B·40	
" thickness at the ends of vessel		✓	·30		✓	·30
" depth at ¾ the half breadth, as per Rule	Straight arm as per Midship Section.					
" height extended at the Bilges						
FLOORS in Cell. Double Bottoms						
" state if flanged (top & bottom)						
" Spacing of Solid floors						
CENTRE GIRDER, in Dbl. bottom, dpth & thicknss.						
" " Angles, Top						
" " " Bottom						
" " " to Floors						
" Brackets at intermdt. frmg., wdth & thknss						
SIDE GIRDERS, number on each side & thickness						
" " state if flanged (top and bottom)						
" " Angles (top and bottom)						
" " " to Floors						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" " Angle to Outside Plating						
" " " Floors						
" Brackets at intermdt. frmg., wdth & thknss						
" Height of Outside Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" " " in Engine and Boiler space						
" " " Remainder in Holds						
BEAMS, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	·36	5	3	·36
" ~~In way of Long Bridge~~		✓			✓	
" Spacing		21			21	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	·36	5	3	·30
" ~~Angles on upper edge~~		✓			✓	
" Spacing		21			21	

PILLARS.	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS, In ~~'tween Deck,~~ size and spacing				
" " Hold " "	2½ dia	42"	2½ dia	42"
" ~~Quarter 'tween Dks.,~~ " "				
" " ~~in Hold~~ " "				

KEELSONS & STRINGERS.	Inches in Ship	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, ~~Vertical Plate above floors, Through Plate, or~~ Intercostal Plate		23½	·36	✓	23½	·36
" ~~Rider Plate~~		✓			✓	
" Flat Plate Keel Angles	3	3	·32	3	3	·32
" ~~Horizontal Plates on Floors~~		✓			✓	
" ~~Angles or~~ Bulb Angles	6½	3	·44	6½	3	·44
SIDE KEELSONS, Number	one			one		
" Angles ~~or Bulb Angles~~	5	3	·36	5	3	·36
" ~~Plate above floors, for~~ ✓ ~~length~~		✓			✓	
" Intercostal Plate, for Full length		·30	·28	·30	·28	
" Attached to outside Plating with Angle	3	3	·30	3	3	·30
BILGE KEELSON, Angles						
" Intercostal Plate for length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number one		✓			✓	
" " Angle	5	4	·40	5	4	·40
" Intercostal Plate, for Full length		·35			·35	
" Attached to outside plating with Angle	3	3	·35	3	3	·35
Upper Deck Stringer Plate, br'dth & thickness ~~(clear of Bridge)~~	5 3 ×	·46		5 4 ×	·46	
" " " " ~~br'dth & thickness~~ (in way of Bridge)		✓			✓	
" " " Angle ~~(clear of Bridge)~~	3½ × 3½ ×	·50		3½ × 3½ ×	·50	
" " ~~Tie Plate at sides of Hatchways~~		✓			✓	
" Deck.* ~~Iron or~~ Steel, for Full lng.	✓	·30		✓	·30	
" " ~~Thickness (clear of Bridge)~~	✓			✓		
" " " ~~(in way of Bridge)~~	✓			✓		
" ~~Wood Deck. Material & thickness~~	✓			✓		
Second Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck.* Iron or Steel, for lng.						
" Wood Deck. Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck.* Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" " " Angles on ditto, No.						
" " " Tie Plates outside Hatchways						
" " Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Forecastle Deck Stringer Plate, b'dth & th'kns	3 6 ×	·32		✓	·30	
" Angle on ditto	3½ × 3 ×	·34		3½ × 3 ×	·34	
" ~~Tie Plates~~ STEEL DECK	✓	·25		✓	·25	
" Deck. Material and thickness	Pitch Pine	5 × 3		Pitch Pine	5 × 3	

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

Form No. 1A.—1m,1,13. T.

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	None web frame			
,, ,, ,, brdth. & thickness	18 x ·34 ✓ Face			
,, No of Side Stringers ,, ,,	angle 5 x 4 x ·140.			
WEB-FRAMES, In E. & B. Space, No. & spacing	Bunker ends			
,, ,, ,, brdth. & thickness	in E & B. Space.			
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				

FORGINGS ~~or CASTINGS.~~

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness	Flat plate.	
STEM, moulding and thickness	6 x 1½ ✓	6 x 1½
STERN-POST for Rudder do. do.	6 x 3¼ ✓	6 x 3¼
,, for Propeller	6 x 3¼ ✓	6 x 3¼
RUDDER—A×D* Table 22. Speed 10 Knots under	Grade 73	under 83.
,, **Main-Piece,** diameter at head	4½ ✓	4½
,, ,, ,, at heel	3½ ✓	3½

RUDDER, how constructed Forged round bar arms shrunk on & keyed.

,, Thickness of ~~Plates or~~ Single Plate ·841

Can the Rudder be unshipped afloat? Yes

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	3	3					✓		✓
Boiler Room	✓	✓	·26	✓	✓	4½ x 3 x ·30	30	Single	Upper K.
Aft Peak	✓	✓	·32	✓	✓	6 x 3 x ·40	24	—"—	—"—
				B.A.					
,, **COLLISION** ,,	✓	✓	·30	6½ x 3 x ·36	✓	5 x 3 x ·30	24	Single	Hold K.
~~**PARTITION**~~ ,,		& as per approved plans.							
~~**LONGITUDINAL**~~ ,,									

Are the outside Plates doubled two spaces of Frames in length? Butt head brackets.

Are the Sluice Valves and Watertight Doors in efficient working order? ✓

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, Plating, &c.? Siemens Martin.
Cornett Iron Co; Bolckow Vaughan & Co; Bowman Long & Co; Palmers; So. Durham Iron Co; Spencer & Son.

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

PLATING.

STRAKES.		AS IN SHIP. Amidship. Breadth.	Amidship. Thickness.	Forward. Thickness.	Aft. Thickness.	PER RULE OR AS APPROVED. Amidship. Breadth.	Amidship. Thickness.
		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL ~~(to Bar Keel, state Bearings)~~		36	·54	·42	·42	36	·54
GARBOARD OR	A Strake	62	·40	·40	·36 ✓		·40
State actual thickness in way of Double Bottom.	B ,,		·40	·40	·34 ✓		·40
	C ,,		·40	·40	·36 ✓		·40
	D ,,		·42	·36	·36 ✓		·42
Sheer	E ,,	50	·50	·46	·44 ✓	50	·50
	F ,,						
	G ,,						
	H ,,						
	J ,,						
	K ,,						
	L ,,						
	M ,,						
	N ,,						
	O ,,						
	P ,,						
	Q ,,						
	R ,,						
	S ,,						
	T ,,						
	U ,,						
	V ,,						
	W ,,						
THickness of Sheerstrake clear of Long Bridge							
No. of Strake below							
Delg. of Flat Plate Keel							
,, Sheerstrakes (Length and thickness.)							
Poop Sides							
Short Bridge Sides							
Forecastle Sides		✓	✓	·30	✓	✓	·24

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

RIVETING.

	Edges, Ordinary or Joggled? Joggled. Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing er. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing er. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
Flat Plate Keel	Double	5¼	7/8	3½	Treble full L	⅞	3⅛			9	
Garboard	—"—	4½	¾	3	Treble ½ L	¾	2⅝	✓		7½	
A	—"—	"	"	"	—"—	"	"	✓		7½	
B	—"—	"	"	"	—"—	"	"	✓		7½	
C	—"—	"	"	"	—"—	"	"	✓		7½	
D	—"—	"	"	"	—"—	"	"	✓		7½	
E	Single	2½	"	"	Treble full L	⅞	3⅛	✓		9	

Upper Deck Stringer Plate — **Butts,** Treble riveted for Full length ~~amidship.~~
~~**Straps,** single, double or~~ overlapped for Full length ~~amidship.~~

Second Deck Stringer Plate — **Butts,** ✓ riveted for ✓ length amidship.
Straps, single or overlapped for ✓ length amidship.

Butts of Side Stringers Treble riveted.
,, **Tie Plates** ✓ riveted.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted **Keelson Butts,** ✓ riveted.
Frames, riveted through Plates with ¾ in. Rivets, about 5¼" apart.
Rivets, state whether Iron or Steel iron

FRAMES extend in one length from centre line to upper deck State if ordinary or joggled ordinary
REVERSED FRAMES on floors ~~and frames~~ extend ~~from~~ across top of floors only. State if ordinary or joggled ordinary

MASTS, SPARS, &c.

	Material.	Total Length. Ft. In.	Diameter ~~and Thickness~~ At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts — Fore	Pitch pine	35·0	12	10	✓	10¼					
~~Main~~											
Mizen											
Bowsprit ✓											

Topmasts, Yards and Remainder of **Spars** ✓
Rigging, Material and Size, **Shrouds** 30 of 2½ s.w. **Stays** Fore 3¼ s.w.
Sails. one Suit of ✓ Sails, and the following spare sails none.

Form No. 1B.

EQUIPMENT No. 5069 LETTER L.

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 required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
17938	1st Bower	8	1	0	Stockless			10	7	2	0	8	1	0	✓ Byers Stockless	✓	S'ld. 30·3·14 Haffner
17939	2nd ,,	8	1	14	—"—			10	10	0	0	8	1	0	✓ —"— —"—	✓	—"— —"—
✓	3rd ,,	✓	✓	✓								✓	✓	✓			
✓	4th ,,	✓	✓	✓								✓	✓	✓			
	Collective weight	16	2	14								16	2	0	✓		
42290	Stream	2	3	0	·	2	21	5	5	0	0	2	3	0	✓ Iron Stock	Bloomer & Sons	Tipton 27·4·14 Perring
✓	Kedge	1	1	0	✓	✓	✓	✓	✓	✓	✓	1	0	0	✓ Ordinary	✓	✓

If Patent, state Name of Patentee. *If Stockless, state Mechanical Proofs.*

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied. Fathoms.	Length. Diam.	Test per Certificate. Stationary. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Fathoms.	Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
43707	165	13/16	16 10/20	23 7/20	78·1·10	74·1·26	165	13/16	Stud	Bloomer & Sons	Tipton 28·4·14 Perring
~~Iron Stream Chain or~~ Steel Wire	45	Cir. 24	✓	9½	✓	✓	45	Cir. 24	✓ ✓	✓	✓ ✓

Material	Length and size supplied. Fathoms.	Length.	Cir.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Fathoms.	Length.	Cir.
TOWLINE	75	22	12	12	75	22	
HAWSERS & WARPS	90	5	Manila		90	5	
,, ,,							
,, ,,							

Boats Two lifeboats & one dingy **Steering Gear, Steam** Yes. Doultin & Co. **Steering Gear, Hand** Tillers
Pumps, Number Four Diameter of Barrel 4" State whether they are in efficient working order Yes
Windlass is Steam (Emerson Walker) **Capstan** Steam (Emerson Walker)
Engine Room Skylights.—How constructed Steel plates & angles with steel flaps What arrangements for deadlights in bad weather? Strong bulls eyes
Coal Bunker Openings.—How constructed? Steel plates & angles How are lids secured? Cleats & tallens Height above deck? 30"
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 3 scuppers each side & 4 freeing ports each side 2'·9" x 1'·3"
Ceiling in Holds, thickness and material 2½ w.w. **Cargo Battens,** thickness and material 6 x 1½ w.w.
Cargo Hatchways.—How formed? Steel plates & angles **Hatches,** If strong and efficient? Yes. 3" solid.
State size **No. 1 Hatch** (Forward) 61'·3" x 17'·0" **No. 2 Hatch** ✓ **No. 3 Hatch** ✓ **No. 4 Hatch** ✓
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch Four shifting beams & one fixed with in coaks, & five wood fore & afters.
No. of Breasthooks two **No. of Crutches** deep floors
Bulwarks, height above deck and description Steel 36" x ·25 & round stays 1⅝ dia Main Rail, material and size B.A. 5½ x 3 x ·36.
(Spacing 5·3 apart.)

The foregoing is a correct description. THOS. SMITHES & CO., LIMITED.
Builder's Signature (here only) Robert Rinner *Surveyor's Signature* James Dickie.
(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*) M. 26·1·14; 30·1·14; 7·2·14; E.9·3·14.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Stull joggled 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? 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.) This vessel has been built under special survey & in accordance with the Secretary's letter, the Rules, & approved plans for the intended class 100 A1. "Lighter". The materials & workmanship are good & efficient.

The approved plans & forging report are forwarded herewith.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee ..... £ 2 : 0 : 0 — Fees applied for, 19 Aug. 1914
Special Survey Fee .... £ 15 : 3 : 0 — Received by me. 21. 8. 14
~~Travelling Expenses, if any~~ £ ✓ ✓ : ✓
Certificate to be sent to Newcastle-on-Tyne. Date of issue 29/9/14.
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed ✠ 100 A1. "LIGHTER".
With, or without Freeboard, as condition of Class without.

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

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

Committee's Minute FRI. AUG. 21. 1914
Character assigned 100 A1 Lighter
Lloyds A & P + L.R. 6.8.14.
Wm Gls Wm Gls
A. Gls 21.8.14

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ (in feet and tenths). When the Poop 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 should appear in the Register Book*) 1-dk (Stl)

Official No. 133329 ; Signal Letters ✓ State if Machinery is fitted aft Yes

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 or with girders on floors ✓

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total capacity of double bottom		✓

* The wells are not to be included in the lengths of the tanks.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,	16·0	4
After peak tank,	8·75	2
~~Deep tank, aft,~~	✓	
~~Deep tank, forward,~~	✓	
~~Other tanks, if fitted,~~	✓	
(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. 4483

Date 16. Feb. 1914.

No. 191 in builder's yard.

DATES of Surveys held while building: 1914 Mar 4. 13. 18. 23. 30. Apr. 2. 6. 7. 16. 21. 24. 28. May 1. 4. 6. 8. 13. 14. 2[illegible] June. 2. 8. 11. 15. Jul. 1. 6. 10. 13. 17. Aug. 6. 7. 10.

Total No. of Visits 3

Surveyor's Signature James Dickie