

LIST OF OFFICERS
IN THE
SURVEY OF INDIA

CORRECTED TO

1ST JANUARY 1915



CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1915

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NOTE.—In column 8 of pages 3 to 31, the letters "H. S." and "L. S." by themselves are abbreviations for "Higher Standard Hindustani," and "Lower Standard Hindustani" respectively.

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SURVEY OF INDIA.

Classified List of Officers of the Imperial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of first commission.	Date of first joining the Department.	Date of appointment to present grade.

IMPERIAL SERVICE.

Surveyor General.

1	* Burrard, Col. Sir Sidney Gerald, K.C.S.I., B.E., F.R.S.	12 8 60	Apr. 6, 1879	Sept. 2, 1884	Oct. 31, 1911
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Superintendents (5)†

2	Renny-Tailyour, Col. Thomas Francis Bruce, C.S.I., B.E.	8 8 63	Feb. 14, 1883	Apr. 1, 1888	Mar. 1, 1910
3	* Bythell, Col. William John, B.E.	9 9 62	July 25, 1882	May 29, 1889	Mar. 1, 1910
4	* Lenox-Conyngham, Lieut.-Col. Gerald Pon- sonby, B.E.	21 8 66	Sept. 16, 1885	July 16, 1889	Sept. 9, 1912
5	† Crichton, Lt.-Col. Richmond Trevor, C.I.E., I.A.	8 3 65	Aug. 23, 1884	Dec. 16, 1889	Nov. 24, 1914
6	* Coldstream, Major William Menzies, B.E.	19 2 60	July 27, 1888	Nov. 25, 1894	Aug. 25, 1911

Deputy Superintendents (21).

7	* Ryder, Lieut.-Col. Charles Henry Dudley, D.S.O., B.E.	28 6 68	July 24, 1886	Nov. 29, 1891	Mar. 1, 1910
8	Robertson, Lieut.-Col. Charles Lonsdale, C.M.G., B.E.	13 2 67	July 24, 1888	May 3, 1893	Mar. 1, 1910
9	† Pirrie, Lieut.-Col. Francis William, I.A.	23 8 67	Sept. 14, 1887	June 11, 1895	Mar. 1, 1910
10	* Turner, Major Horace Harrison, B.E.	13 8 67	Nov. 23, 1889	Apr. 22, 1897	Mar. 1, 1910
11	* Beazley, Major George Adam, B.E.	7 7 70	Feb. 14, 1890	Oct. 12, 1897	Mar. 1, 1910
12	* Crosthwait, Major Herbert Leland, B.E.	26 12 67	Mar. 29, 1890	Nov. 22, 1897	Mar. 1, 1910
13	* Tandy, Major Edward Aldborough, B.E.	26 12 71	Feb. 13, 1891	Jan. 31, 1898	Mar. 1, 1910

* Elected for continuous Indian service.
† Indian Army Supernumerary List.

Survey of India, as it stood on 1st January 1915.

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
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1	P. 3,000 0 0†		L. S.	
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2	P. 1,500 0 0 (a) C. A. 750 0 0	Superintendent, Southern Circle.		
3	P. 1,500 0 0 (a) C. A. 750 0 0	Superintendent, Northern Circle.	L. S.	
4	P. 1,500 0 0 (b) C. A. 500 0 0 (c) C. A. 100 0 0	Superintendent of the Trigonometrical Survey.		
5	P. 1,500 0 0 (a) C. A. 500 0 0	Superintendent, Eastern Circle.	H. S.; L. S. Persian.	
6	P. 1,500 0 0 (a) C. A. 500 0 0 (c) C. H. A. 150 0 0	Superintendent, Map Publication.	L. S.; H. S. Pushtu P. O.	

7	P. 1,500 0 0 (a) C. A. 200 0 0		H. S.; L. S. Pushtu; Colloquial Chinese (Pekingese); Interpreter in French, 2nd class; L. S. Persian.	On special duty.
8	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 9 (E. C.)	L. S.	
9	P. 1,500 0 0 (a) C. A. 200 0 0	In charge Basrah Survey Detachment.	H. S.; L. S. Pushtu	
10	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 6 Drawing Office (Simla).		C.
11	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 2 Drawing Office (Dehra) and Forest Map Office.		P. C.
12	P. 1,500 0 0 (a) C. A. 200 0 0 (d) L. A. 100 0 0	Head-quarters, Calcutta.	L. S. Pushtu, P. O.	
13	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 14 (Pendulum) and No. 15 (Triangulation).	L. S.; Colloquial Burmese.	

(a) Charge allowance, vide Department of Revenue and Agriculture, No. 687-84-1, dated 19th June 1909.
(b) Charge allowance, vide Secretary of State's Despatch No. 55 (Revenue), dated 19th May 1911.
(c) Calcutta House allowance, vide Finance Department Memorandum No. 676-Ex., dated 30th January 1911.
(d) Local allowance, vide Department of Revenue and Agriculture No. 687-84-1 dated 19th June 1909.
P.—Passed examination for military promotion.
C.—Has been through Chatham course.
† Also draws exchange compensation allowance.

Classified List of Officers of the Imperial Service, Survey

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of first commission.	Date of first joining the Department.	Date of appointment to present grade.

IMPERIAL SERVICE—contd.

Deputy Superintendents (21)—contd.

14	† Mears, Major Arthur, I.A.	15 6 69	Jan. 30, 1889	Nov. 21, 1897	Mar. 1, 1910
15	Wood, Major Henry, R.M.	28 10 72	Feb. 12, 1892	Nov. 16, 1898	Mar. 1, 1910
16	* Cowie, Major Herbert McCally, R.M.	21 11 73	Feb. 10, 1893	Nov. 12, 1898	Mar. 1, 1910
17	Gunter, Major Clarence Preston, R.M.	24 5 73	Feb. 10, 1893	July 10, 1898	Mar. 1, 1910
18	Rich, Major Edmund Tillotson, R.M.	23 8 74	July 26, 1893	July 3, 1899	Mar. 1, 1910
19	* McHarg, Major Alfred Alexis, R.M.	4 2 74	July 25, 1893	Jan. 9, 1900	Mar. 1, 1910
20	Tandy, Major Maurice O'Connor, R.M.	17 11 73	July 25, 1893	Jan. 17, 1900	Mar. 1, 1910
21	* Thomas, Capt. Robert Henry, R.M.	23 4 77	June 21, 1896	July 17, 1901	Mar. 1, 1910
22	Thruiller, Capt. Leslie Cardew, I.A.	7 10 77	Jan. 20, 1897	Sept. 12, 1901	Apr. 27, 1910
23	* Browns, Capt. Charles Michael, D.S.O., R.M.	26 11 78	Dec. 23, 1897	Jan. 8, 1903	Oct. 15, 1910
24	Phillimore, Capt. Reginald Henry, R.M.	19 6 79	June 23, 1898	June 28, 1903	Aug. 25, 1911
25	MacLeod, Capt. Malcolm Nevill, R.M.	23 5 82	May 2, 1900	Oct. 25, 1904	Mar. 18, 1913
26	Hunter, Capt. Frederick Fraser, I.A.	7 8 76	Aug. 10, 1898	Aug. 17, 1905	Sept. 9, 1912
27	Baker, Capt. Edward Carlton, R.M.	1 1 80	June 25, 1900	Jan. 12, 1906	Sept. 23, 1913

† Indian Army Supernumerary List.
* Elected for continuous Indian service.

India, as it stood on 1st January 1915—continued.

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
14	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 12 (E. C.)	H. S.; L. S. Persian; Interpreter in Russian, 1st class.	
15	P. 1,470 0 0 (a) C. A. 200 0 0		H. S.	On deputation with the Expedition under Cavaliere de Filippi.
16	P. 1,420 0 0 (a) C. A. 200 0 0 (b) L. A. 100 0 0	Head-quarters, Calcutta		
17	P. 1,420 0 0 (a) C. A. 200 0 0 (b) L. A. 100 0 0	Head-quarters, Calcutta	L. S. Pushtu; H. S.	
18	P. 1,420 0 0 (a) C. A. 200 0 0 (c) L. A. 100 0 0	In charge No. 10 (E. C.)	H. S.; H. S. Pushtu; L. S. Persian; L. S. Burmese. Kachin, Maru. P.	
19			H. S.; L. S. Pushtu; Interpreter in French, 2nd class; L. S. Persian. P. O.	Temporarily reverted to military duty.
20			P.	Ditto.
21				Ditto
22	P. 1,150 0 0 (a) C. A. 200 0 0	In charge No. 0 (S. C.)	H. S.	
23			P. O.	Ditto.
24			L. S.; H. S. Shan; Mandari.	Ditto.
25			L. S.; L. S. Pushtu.	On privilege leave for 1 month and 19 days from 23rd March 1914 combined with furlough for 1 year and 22 days from 12th May 1914.
26			H. S.; Colloquial Chinese.	Temporarily reverted to military duty.
27			L. S.; Pushtu. L. S.	Ditto.

(a) Charge allowance, vide Department of Revenue and Agriculture No. 687-84-1, dated 16th June 1909.
(b) Local allowance, vide ditto ditto ditto ditto ditto ditto.
(c) Ditto (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899.
P.—Passed examination for military promotion.
C.—Has been through Chatham course.

Classified List of Officers of the Imperial Service, Survey of

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of first commission.	Date of first joining the Department.	Date of appointment to present grade.

IMPERIAL SERVICE—contd.

Assistant Superintendents (28).

28	Crosthwait, Capt. Ieland George, I.A.	29 8 81	July 28, 1900	Oct. 13, 1905	Mar. 1, 1910
29	Couchman, Capt. Harold John, B.E.	29 7 82	Aug. 18, 1900	Jan. 30, 1906	Mar. 1, 1910
30	Trenchard, Capt. Oswald Henry Bisdie, B.E.	6 4 82	Feb. 4, 1901	Jan. 16, 1906	Mar. 1, 1910
31	Hamilton, Capt. Sackville William Sackville, B.E.	3 11 82	July 23, 1901	Jan. 14, 1906	Mar. 1, 1910
32	Cotter, Capt. Vere Rogerson, I.A.	18 2 82	Aug. 18, 1900	Oct. 30, 1905	Mar. 1, 1910
33	Campbell, Capt. James Donald, B.E.	3 5 84	Dec. 21, 1901	Dec. 5, 1905	Mar. 1, 1910
34	Pye, Capt. Kellow William, B.E.	12 9 82	Dec. 21, 1901	Mar. 17, 1906	Mar. 1, 1910
35	* Cardew, Capt. Edward Bellasis, B.E.	4 4 83	Dec. 21, 1901	Dec. 3, 1906	Mar. 1, 1910
36	Foster, Capt. Rodney, I.A.	27 5 82	May 8, 1901	Dec. 12, 1906	Mar. 1, 1910
37	Morshead, Capt. Henry Treise, B.E.	23 11 82	Dec. 21, 1901	Dec. 3, 1906	Mar. 1, 1910
38	Oakes, Capt. George Frederick Thomas, B.E.	11 2 83	Dec. 21, 1901	Mar. 2, 1907	Mar. 1, 1910
39	King, Capt. Frank Jerome Matiland, B.E.	30 3 84	Jan. 10, 1903	Mar. 27, 1907	Mar. 1, 1910
...	Gwyn, Capt. Aymer Hamond, I.A.	13 2 83	Aug. 27, 1902	Feb. 17, 1908	Mar. 1, 1910
40	Field, Capt. John Archibald, B.E.	2 5 84	July 15, 1903	Jan. 11, 1908	Mar. 1, 1910

* Elected for continuous Indian service.

India, as it stood on 1st January 1915—continued.

7	8	9	10
Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.

R. a. P.			
Serial No.	Salary.	Where employed at present.	REMARKS.
28	.	.	H. S. Temporarily reverted to military duty.
29	.	.	L. S.; H. S. Baluchi; L. S. Pashtu. Ditto.
30	.	.	L. S. On privilege leave for 3 months from 30th October 1913, combined with furlough for 1 year and 9 months from 30th January 1914.
31	.	.	L. S. Temporarily reverted to military duty.
32	.	.	H. S.; L. S. Pashtu; Persian. Ditto.
33	.	.	H. S.; L. S. Pashtu; Persian. Ditto.
34	.	.	L. S. Ditto.
35	.	.	L. S. Ditto.
36	.	.	H. S.; L. S. Pashtu. Ditto.
37	.	.	H. S. Ditto.
38	.	.	L. S. Ditto.
39	.	.	L. S. Ditto.
...	.	.	H. S.; Obligatory Hindi. On deputation as First Assistant Director of Surveys, Bengal and Assam. Temporarily reverted to military duty.
40	.	.	H. S.; L. S. Persian P. Temporarily reverted to military duty.

Classified List of Officers of the Imperial Service, Survey of

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of first commission.	Date of first joining the Department.	Date of appointment to present grade.

IMPERIAL SERVICE—concl'd.

Assistant Superintendents (28)—concl'd.

41	Chase, Lieut. Archibald Alderman, B.E.	16 9 84	July 29, 1904	June 22, 1908	Mar. 1, 1910
42	Lewis, Lieut. Clinton Gresham, B.E.	25 11 85	Dec. 21, 1904	Nov. 7, 1907	Mar. 1, 1910
...	Thompson, Capt. Claude Mathew, I.A.	21 9 83	Jan. 21, 1903	Nov. 1, 1907	Mar. 1, 1910
43	Huddleston, Lieut. Purefoy Gauntlett, B.E.	28 4 86	Jan. 16, 1906	Sept. 4, 1909	Mar. 1, 1910
44	Mason, Lieut. Kenneth, B.E.	10 9 87	Dec. 20, 1906	Aug. 29, 1909	Mar. 1, 1910
45	Scott, Capt. Francis Burgess, I.A.	3 3 85	Dec. 21, 1904	Apl. 12, 1910	Apl. 12, 1910
46	Perry, Lieut. William Eric, B.E.	2 1 84	Mar. 16, 1905	Apl. 19, 1910	Apl. 19, 1910
47	Wahab, Lieut. Robert Stuart, I.A.	20 3 87	Aug. 29, 1906	July 4, 1910	July 4, 1910
48	Almond, Lieut. Rowland Latimer, B.E.	13 1 87	Dec. 18, 1907	Dec. 21, 1912	Dec. 21, 1912
49	Nosworthy, Lieut. Francis Poitier, B.E.	21 9 87	Dec. 18, 1907	Nov. 1, 1913	Nov. 1, 1913
50	Boome, Lieut. Horace Eckford, B.E.	17 5 87	Dec. 18, 1907	Feb. 26, 1913	Feb. 26, 1913
51	Jackson, Lawrence Hungerford, I.A.	27 9 89	Sept. 8, 1909	Sept. 7, 1914	Sept. 7, 1914
52	Vacant	.	.	.	.
53	Vacant	.	.	.	.
54	Vacant	.	.	.	.
55	Vacant	.	.	.	.
<i>Mathematical Adviser (750—50—1,800).</i>					
1	Hunter, James deGraaff, M.A.	11 9 81	.	Oct. 25, 1907	.

SPECIAL APPOINTMENT (OUTSIDE THE IMPERIAL SERVICE).

Officer in charge, Mathematical Instrument Office (800—40—1,200).

1	Ferrier, Thomas Archibald	8 1 77	.	Jan. 17, 1899	Aug. 2, 1914
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India, as it stood on 1st January 1915—concluded.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.

41	R a. P.	.	H. S.; L. S. Pushtu.	Temporarily reverted to military duty.
42	.	.	H. S.	Ditto.
...	.	.	Proficiency Hindustani; L. S. Persian; Obligatory Punjabi.	On deputation as Second Assistant Director of Surveys, Bengal and Assam.
43	.	.	H. S.	Temporarily reverted to military duty.
44	.	.	L. S.	Ditto.
45	.	.	H. S.	Ditto.
46	P. 820 0 0 (a) C. A. 200 0 0	In charge No. 19 (Base Line).	H. S.	.
47	.	.	H. S.; Obligatory Pushtu; H. S. Persian.	Temporarily reverted to military duty.
48	.	.	Proficiency Urdu; El. Pushtu.	On probation. Ditto.
49	.	.	L. S.	Ditto. Ditto.
50	.	.	L. S. Kachin.	Ditto. Ditto.
51	.	.	.	Ditto. Ditto.
52	.	.	.	.
53	.	.	.	.
54	.	.	.	.
55	.	.	.	.
1	P. 1,100 0 0	In charge Computing Office, Dehra.	.	Ranks immediately below Capt. V. R. Cotter for official purposes, vide Dept. of Rev. and Agri. No. 930—96-2, dated 13th July 1908. Date of commencement of service counting for pension, 25th October 1907.

1	P. 960 0 0	.	.	Joined as Assistant Mathematical Instrument Maker, 17th January 1909.
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(a) Charge allowance, vide Department of Revenue and Agriculture No. 687-64-1, dated 19th June 1909.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAME OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE.
Deputy Superintendents.

Salary R800 (2).					
1	Ewing, Arthur	30 4 62	Apl. 30, 1882	Nov. 16, 1891	Mar. 1, 1912
2	Gustaud, Michael	8 3 62	Mar. 8, 1882	May 1, 1882	Sept. 16, 1912
Salary R850 (3).					
3	Hughes, Benjamin Robert	13 6 66	June 13, 1886	Oct. 15, 1883	Mar. 1 1912
4	Barrington, Phillip Joseph	3 7 61	Apl. 24, 1884	Apl. 24, 1884	Mar. 1, 1912
5	Smith, Joseph	14 9 63	Nov. 16, 1883	Aug. 1, 1884	Sept. 16, 1912
6	Shaw, Henry George	21 2 62	Jan. 1, 1883	Jan. 1, 1889	Mar. 1, 1912
7	Adams, William Frederic Edward	12 6 67	Aug. 26, 1889	Aug. 26, 1889	Apl. 1, 1914
8	Nichol, John Henry	9 4 67	Dec. 16, 1883	Dec. 12, 1889	Apl. 1, 1914
9	Aulad Hossein, Syed, K. B.	16 12 88	Feb. 2, 1891	Nov. 13, 1891	Apl. 1, 1914
10	* Biggie, Henry William	9 12 71	Dec. 9, 1891	Nov. 21, 1891	Sept. 2, 1914

Assistant Superintendents and Extra Assistant Superintendents.

Salary from R450 to 600.

ASSISTANT SUPERINTENDENT.					
11	Barker, Joshua Paul	21 8 65	Aug. 21, 1885	Dec. 23, 1883	Mar. 21, 1912
EXTRA ASSISTANT SUPERINTENDENTS.					
12	Babonau, Thomas Walter	10 7 66	July 10, 1888	Jan. 15, 1884	Mar. 1, 1912
13	Skilling, William	26 4 67	Apl. 28, 1887	Nov. 24, 1884	Mar. 1, 1912

Passed the Burma Land Records Department Examination in Revenue Law by the Higher Standard.

Survey of India, as it stood on 1st January 1915.

7	8	9	10	
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

1	P. 800 0 0 (a) P. A. 200 0 0	In charge No. 20 (Cantonment).		Apprentice Draftsman from 3rd January 1892.
2	P. 800 0 0 (a) P. A. 200 0 0 (b) L. A. 120 0 0	Chief Draftsman, Map Publication Office, Calcutta.		
3	P. 650 0 0 (a) P. A. 200 0 0	In charge No. 2 (N. C.)	L. S.; H. S. Burmese.	On deputation, Burma.
4	P. 650 0 0 (a) P. A. 200 0 0	In charge No. 5 Drawing Office (Shillong).	L. S. Burmese.	Office Assistant, from 16th November 1893.
5	P. 650 0 0 (a) P. A. 200 0 0	No. 2 Drawing Office (Dehra).	L. S.	
6	P. 650 0 0 (c) C. A. 200 0 0	In charge No. 17 (Leveling).		On deputation, Bengal and Assam.
7	P. 650 0 0 (c) C. A. 200 0 0	In charge No. 8 (S. C.)		Ditto, Bihar and Orissa.
8	P. 650 0 0 (c) C. A. 200 0 0	In charge No. 4 Drawing Office (Bangalore).	H. S.	Ditto, Central Provinces.
9	P. 650 0 0 (c) C. A. 200 0 0	In charge No. 16 (Tidal).		Includes previous service in the Meteorological Department from 1st January 1893.
10	P. 650 0 0 (c) C. A. 200 0 0	In charge No. 4 (N. C.)	H. S. Burmese	
11	P. 600 0 0 (d) L. A. 50 0 0	No. 5 Drawing Office (Shillong).		Joined as Computer, 2nd February 1891.
12	P. 550 0 0 (b) L. A. 50 0 0 (c) P. A. 45 0 0	Head-quarters, Calcutta.	L. S.; E. S. Burmese.	On deputation, Burma.
13	P. 550 0 0 (d) L. A. 50 0 0	No. 12 (E. C.)	L. S.	Ditto, Bengal.

(a) Personal allowance, vide Department of Revenue and Agriculture No. 3, dated 6th March 1897.
 (b) Local allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 14th December 1903.
 (c) Charge allowance, vide Secretary of State's Despatch No. 109, dated 1st November 1912.
 (d) Local allowance (Assam), vide Financial Resolution No. 5828, dated 26th October 1899.
 (e) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1896.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.
Extra Assistant Superintendents—contd.

14	Powell, Frank Burgess	11 8 6	Sept. 23, 1886	Sept. 23, 1886	Mar. 1, 1912
15	Walsh, Felix Patrick	20 11 66	Nov. 20, 1886	Mar. 4, 1886	Mar. 1, 1912
16	Hae, George James Sheehan	23 11 70	Nov. 23, 1890	Nov. 19, 1890	Mar. 1, 1912
17	Greiff, Joseph Oscar	2 8 72	Aug. 2, 1892	Nov. 13, 1891	Mar. 1, 1912
...	*Powell, Harry Burgess	2 6 70	Nov. 22, 1891	Nov. 22, 1891	. . . . .
18	Freeman, John Alarie	24 7 70	Nov. 23, 1891	Nov. 23, 1891	Mar. 1, 1912
19	Ollenbach, Osmond Charles	3 4 67	Nov. 23, 1891	Nov. 23, 1891	Mar. 1, 1912
20	Hanby, Herbert Henry Maden	21 6 72	June 21, 1892	Nov. 25, 1891	Mar. 1, 1912
21	Yewland, Walter	28 4 76	Apr. 28, 1896	Sept. 11, 1893	. . . . .
22	Charrier, Henry Arthur	22 10 64	Oct. 22, 1884	Apr. 21, 1884	Mar. 1, 1914
23	Gorman, William Michael	28 7 73	Sept. 19, 1893	Sept. 19, 1893	Mar. 1, 1912

* Passed the Burma Land Records Department Examination in Revenue Law by the Higher Standard.

Survey of India, as it stood on 1st January 1915—continued.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

<i>R a. p.</i>				
14	P. 550 0 0	No. 2 (N. C.)	L. S. Burmese.	
15	P. 550 0 0	Southern Circle Office		
16	P. 500 0 0	No. 4 (N. C.)		
17	P. 500 0 0 (a) C. A. 200 0 0 (b) L. A. 80 0 0	In charge No. 11 (E. C.)	L. S.	
...	. . . . .	. . . . .	H. S. Burmese	On deputation, Burma. Previous temporary service in Cadastral Establishment from 1st January 1890 to 21st November 1891.
18	P. 500 0 0 (a) C. A. 200 0 0	In charge No. 3 Drawing Office (Mussoorie).	L. S.	
19	P. 500 0 0 (a) C. A. 100 0 0	Chief Draftsman, Forest Map Office.	L. S.; L. S. Burmese	
20	P. 500 0 0 (a) C. A. 200 0 0	In charge No. 3 (N. C.).	H. S.	
21	. . . . .	. . . . .	L. S. Burmese	On deputation, Bombay.
22	P. 500 0 0	Trigonometrical Survey Office.	L. S.; E. S. Burmese.	
23	P. 450 0 0 (a) C. A. 200 0 0	In charge No. 7 (S. C.)		

(a) Charge allowance, vide Secretary of State's Despatch No. 109, dated 1st November 1912.
(b) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 788, dated 11th February 1889.

Classified List of Officers of the Provincial Service Survey of India, as it stood on 1st January 1915—continued.

1	2	3	4	5	6	7	8	9	10	
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.	Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
PROVINCIAL SERVICE—contd.										
Extra Assistant Superintendents—contd.										
24	Wilson, John Henry Stanhope	10 1 71	Sept. 4, 1893	Sept. 4, 1893	Mar. 1, 1912	24	P. 450 0 0 (a) C. A. . . . 100 0 0 (b) P. A. . . . 30 0 0	Head Draftsman, No. 1, Drawing Office (Calcutta). (On probation.)	L. S.	
25	Williams, Patrick	18 3 71	Sept. 16, 1893	Sept. 16, 1893	Mar. 1, 1912	25	P. 450 0 0 (b) P. A. . . . 30 0 0 (c) L. A. . . . 50 0 0	Head-quarters, Calcutta		
26	Petters, Malcolm Campbell	27 12 73	Nov. 1, 1895	Nov. 1, 1895	Mar. 1, 1912	26	P. 450 0 0 (a) C. A. . . . 200 0 0	In charge No. 1 (N. C.)		
27	Donaghey, John O'Brien	20 9 74	Oct. 26, 1895	Oct. 26, 1895	Mar. 1, 1912	27	P. 450 0 0 (a) C. A. . . . 100 0 0	In charge No. 5 (S. C.)	H. S.	
28	Biggie, Edwin John	16 2 73	Oct. 24, 1895	Oct. 24, 1895	Mar. 1, 1912	28	P. 450 0 0	No. 3 (N. C.)	L. S.	
29	Bond, Edgar Clinton James	19 4 70	Oct. 1, 1890	Dec. 17, 1896	Mar. 1, 1912	29	P. 450 0 0 (a) C. A. . . . 100 0 0	In charge No. 18 (Magnetic).		Includes previous service in No. 25 Party and Marine Survey from 1st October 1890 to 16th December 1896.
30	Jagdamba Prasad	10 1 70	Aug. 17, 1891	Nov. 17, 1896	Mar. 1, 1912	30	P. 450 0 0 (b) P. A. . . . 30 0 0 (c) L. A. . . . 50 0 0	Head-quarters, Calcutta		Joined as Despatcher, Photo-Zinc Section, Trigonometrical Branch Office 10th July 1894. Previous temporary service as Computer from 17th August 1891 to 9th July 1894.
31	French, Charles Edwin Cluge	16 3 75	Nov. 14, 1896	Nov. 14, 1896	Mar. 1, 1912	31	P. 450 0 0 (d) C. A. . . . 50 0 0	In charge Simla Survey Detachment.		
32	Byrne, Charles Cahill	25 9 76	Nov. 20, 1896	Nov. 20, 1896	Mar. 1, 1912	32	P. 450 0 0 (b) P. A. . . . 30 0 0 (c) L. A. . . . 50 0 0	Head-quarters, Calcutta	H. S.	
33	Yeale Charles John	8 3 77	Mar. 8, 1897	Nov. 25, 1896		...			L. S.	On deputation, Thomson College, Burki.
33	Anderson, Percival Robert	28 2 74	Nov. 27, 1896	Nov. 27, 1896	Mar. 1, 1912	33	P. 450 0 0	Southern Circle Office		
34	Hardinge, Eustace Gilbert	6 5 73	Nov. 25, 1896	Nov. 25, 1896	Mar. 1, 1912	34	P. 450 0 0 (b) P. A. . . . 30 0 0 (c) L. A. . . . 50 0 0	Bihar and Orissa Drawing Office (Imperial section).		
35	O'Donel, Conel Angus	31 7 76	Dec. 10, 1896	Dec. 10, 1896		...				On deputation, Bengal.
35	Hanuman Prasad	17 7 69	Nov. 1, 1890	Nov. 15, 1896	Mar. 1, 1912	35	P. 450 0 0	Trigonometrical Survey Office.		Promoted from the Subordinate Service. Joined as Computer, 1st November 1890.
36	Littlewood, Charles Sutherland	2 9 75	Nov. 15, 1896	Nov. 15, 1896	Mar. 1, 1912	36	P. 400 0 0	No. 7 (S. C.)		Previous temporary service in Cadastral Establishment.
37	Dhani Ram Verma	4 8 75	Nov. 20 1897	Nov. 20, 1897	Mar. 1, 1912	37	P. 400 0 0 (e) L. A. . . . 50 0 0	No. 9 (E. C.)		

(a) Charge allowance, vide Secretary of State's Despatch No. 100, dated 1st November 1912.
(b) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1896.
(c) Local allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.
(d) Charge ditto ditto ditto No. 121, dated 7th May 1895.
(e) Local allowance, (Assam) vide Financial Resolution No. 5826, dated 25th October 1899.

Classified List of Officers of the Provincial Survey of India, as it stood on 1st January 1915—continued.

1	2	3	4	5	6	7	8	9	10
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present post.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
PROVINCIAL SERVICE—contd.									
Extra Assistant Superintendents—contd.									
38	Jarbo, William George	10 3 76	Nov. 17, 1897	Nov. 17, 1897	Mar. 1, 1901	R s. p.	No. 10 (E. C.)	Kachin; Maru	On deputation, Bombay.
39	Berrill, Bernard Marie	22 10 74	Nov. 5, 1897	Nov. 5, 1897	. . . . .	P. 400 0 0 (a) L. A. 80 0 0	. . . . .	L. S.
40	Ray, Pramadaranjan, B.S.	18 6 74	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1901	P. 400 0 0 (b) L. A. 50 0 0	No. 12 (E. C.)	
41	Morton, Henry Percy Dee	26 10 78	Oct. 26, 1899	Nov. 23, 1898	Mar. 1, 1901	P. 400 0 0	No. 18 (Magnetic)	
42	Fielding, Stewart Skene McA'Fee	21 1 77	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1901	P. 400 0 0 (c) C. A. 100 0 0	Survey Instructor	L. S.	
43	Bose, Abinash Chunder	16 11 72	Oct. 15, 1895	Oct. 15, 1895	Mar. 1, 1901	P. 400 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0	Head-quarters, Calcutta	L. S. Burmese	
44	Kenny, Patrick Arthur Theodore	18 4 78	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1901	P. 400 0 0	No. 1 (N. C.)	
45	Stotesbury, Herbert Charles Wood	13 12 77	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1901	P. 400 0 0	Trigonometrical Survey Office.	L. S. H. S. Pushtu.	
46	Norman, Sidney Frederick	29 5 76	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1901	P. 400 0 0	No. 8 (S. C.)	
47	Zille Haenain, Syed	24 5 66	July 1, 1886	Jan. 17, 1899	Mar. 1, 1901	P. 400 0 0 (c) C. A. 100 0 0	No. 16 (Tidal)	In temporary charge. Promoted from the Subordinate Service. Joined as writer, 1st July 1896. Qualified in the Provincial Service Examination, 1896.
48	Lears, Joseph Cajetan Charles	7 2 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1901	P. 400 0 0	No. 4 (N. C.)	
49	Williams, James Harold	14 10 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1901	P. 400 0 0	No. 8 (S. C.)	H. S. Khasi	
...	Hart, Oswald Joseph Hastings	24 5 80	May 24, 1900	Nov. 20, 1899	On deputation, Bengal.
50	Maya Das Paul, B.S.	5 9 77	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1901	P. 400 0 0 (f) C. A. 50 0 0 (g) S. A. 50 0 0	In charge Riverain Detachment (N. C.).	
51	Claudius, Ernest	17 3 78	Nov. 21, 1899	Nov. 21, 1899	Mar. 1, 1901	P. 400 0 0	Eastern Circle Office	H. S.	
52	Simons, Henry Beaumont	23 5 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1901	P. 400 0 0 (a) L. A. 80 0 0	No. 10 (E. C.)	
...	Judd, Otto Eric Conrad	20 9 77	Nov. 20, 1899	Nov. 20, 1899	On deputation, Assam.
53	Ray, Rama Prasad, B.A.	23 6 76	Dec. 31, 1897	Nov. 15, 1900	Nov. 15, 1901	P. 400 0 0	No. 18 (Magnetic)	Includes previous service in the Land Acquisition and Customs Department, Bengal, from 31st December 1897 to 20th November 1899. Joined as Computer, 21st November 1899.

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 758, dated 11th February 1899.
 (b) Ditto (Assam), vide Financial Resolution No. 5826, dated 25th October 1899.
 (c) Charge allowance, vide Secretary of State's Despatch No. 109, dated 1st November 1912.
 (d) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1896.
 (e) Local allowance, vide Secretary of State's Despatch No. 176 (Revenue), dated 11th December 1903.
 (f) Charge allowance, vide Secretary of State's Despatch No. 121 (Financial), dated 7th May 1885.
 (g) Settlement allowance, vide Department of Revenue and Agriculture No. 692-154-2, dated 15th December 1911.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAME OF OFFICER.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present post.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

51	Morton, Vivian Walter	10 12 80	Dec. 10, 1900	Nov. 15, 1900	Mar. 1, 1912
...	Delaney, Patrick Francis	1 10 78	Nov. 15, 1900	Nov. 15, 1900	...
55	Kennedy, Perolval	15 6 81	June 15, 1901	Feb. 1, 1901	Mar. 1, 1912
56	West, Clement	14 3 77	Feb. 1, 1901	Feb. 1, 1901	Mar. 1, 1912
57	Asmat Ulfah Khan, x.s.	31 12 68	Dec. 31, 1888	Feb. 17, 1901	Mar. 1, 1912
58	West, Ernest Barton	23 7 79	Sept. 10, 1899	Feb. 23, 1901	Mar. 1, 1912
59	Talati, Ardesbir Maneckji, L.O.S.	29 12 81	Dec. 29, 1901	Nov. 1, 1901	Mar. 1, 1912
60	Hunter, Arthur Burnie	28 7 82	July 28, 1902	Nov. 1, 1901	Mar. 1, 1912
...	Hardless, Henry Archelous, O.S., M.S.S.	25 12 79	Nov. 1, 1901	Nov. 1, 1901	...
61	Kanak Singh	21 3 81	Apr. 1, 1898	Nov. 15, 1900	Mar. 1, 1912
62	Simpson, Patrick	12 2 81	Nov. 20, 1901	Nov. 20, 1901	Mar. 1, 1912
63	Meyer, Ernest Alexander	11 10 80	Feb. 1, 1902	Feb. 1, 1902	Mar. 1, 1912
64	Masumdar, Nikunjo Ronjon	4 4 80	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1912
65	Saubolle, Raphael Edward	8 12 81	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1912
66	Kenny, Ernest Michael	19 1 82	Jan. 19, 1903	Nov. 1, 1902	Mar. 1, 1912
67	Newland, Bertie Clifford	22 2 81	Nov. 15, 1902	Nov. 15, 1902	Mar. 1, 1912
68	O'Sullivan, Edmond Charles	17 9 81	Feb. 1, 1903	Feb. 1, 1903	Mar. 1, 1912

Survey of India, as it stood on 1st January 1915—continued.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
54	P. 350 0 0 (a) L. A. 80 0 0	No. 10 (E. C.)	L. S. Shan	On deputation, Bengal.
...	
55	P. 350 0 0	No. 8 (S. C.) . . . . .	. . . . .
56	P. 350 0 0	No. 7 (S. C.)	L. S.	
57	P. 350 0 0 (a) L. A. 80 0 0	No. 11 (E. C.) . . . . .	. . . . .	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 1st November 1898.
58	P. 350 0 0	No. 3 (N. C.) . . . . .	. . . . .	Joined as Draftsman, Drawing Office, Calcutta, 10th September 1899.
59	P. 350 0 0 (a) L. A. 80 0 0	No. 11 (E. C.) . . . . .	. . . . .
60	P. 350 0 0	No. 6 Drawing Office, (Simla.) . . . . .	. . . . .	On deputation, Burma.
...	
61	P. 350 0 0	No. 2 (N. C.) . . . . .	. . . . .	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 1st April 1898.
62	P. 350 0 0 (b) P. A. 30 0 0 (c) L. A. 50 0 0	Head-quarters, Calcutta . . . . .	. . . . .
63	P. 350 0 0	No. 6 (S. C.) . . . . .	. . . . .
64	P. 350 0 0	No. 18 (Magnetic) . . . . .	. . . . .
65	P. 350 0 0	No. 2 (N. C.) . . . . .	. . . . .
66	P. 350 0 0 (d) L. A. 50 0 0	No. 12 (E. C.) . . . . .	. . . . .
67	P. 350 0 0 (d) L. A. 50 0 0	No. 9 (E. C.) . . . . .	. . . . .
68	. . . . .	. . . . .	. . . . .	On deputation on military duty.

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 766, dated 11th February 1899.
 (b) Presidency allowance, vide Financial Resolution No. 703, dated 22nd February 1899.
 (c) Local allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.
 (d) Ditto (Assam), vide Financial Resolution No. 5826, dated 25th October 1898.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.
Extra Assistant Superintendents—contd.

69	Sur, Priya Nath	18 2 80	Nov. 1, 1903	Nov. 1, 1903	Nov. 1, 1912
70	Pushong, Oscar Newman	27 1 85	Jan. 27, 1905	Nov. 1, 1903	Nov. 1, 1912
71	Tresham, Cecil Henry	3 4 84	Apr. 3, 1904	Nov. 1, 1903	Nov. 1, 1912
...	Dewar, Terence Purves	4 8 85	Aug. 4, 1905	Nov. 1, 1903	...
72	Haji Abdul Rahim, K.B.	15 8 68	Aug. 15, 1888	Dec. 1, 1903	Dec. 1, 1912
73	Bennick, Denis Kingston	25 4 84	Apr. 25, 1904	Jan. 4, 1904	Jan. 4, 1913
...	Swiney, Walter Earle Sidney	25 1 81	Nov. 1, 1901	Nov. 1, 1901	...
74	Fitz-Gibbon, Leonard Burton	26 2 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1912
75	Luxa, Douglas Henry	15 9 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1912
76	Williams, Louis	20 10 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1912
...	Newton, Isaac	23 8 79	Sept. 1, 1904	Sept. 1, 1904	...
77	McCraken, John	24 8 84	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1912
78	Pilcher, Frederick (Charles)	9 6 85	June 9, 1905	Sept. 1, 1904	Aug. 1, 1912
79	Mitra, Amar Krishna	17 8 80	Oct. 15, 1904	Oct. 15, 1904	Aug. 1, 1912
80	Johnson, James Henry	13 9 84	Sept. 13, 1904	Sept. 1, 1904	Aug. 1, 1912
81	Madras Mahadeva Mudaliar, B.A.	24 10 84	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1912
82	Graham, Albert Aitken	15 12 85	Dec. 15, 1905	Nov. 1, 1904	Aug. 1, 1912
83	Collins, Vivian Donald Berry	10 1 85	Jan. 10, 1905	Nov. 1, 1904	Aug. 1, 1912
84	Hanson, Ronald Clarence	27 5 83	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1912
85	Drake, Arthur John Alexander	29 3 85	Mar. 29, 1905	Nov. 14, 1904	Aug. 1, 1912

Survey of India, as it stood on 1st January 1915—continued.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

		R	a.	P.				
69	P.	350	0	0	} Head-quarters, Calcutta
	(a) L. A.	50	0	0				
	(b) P. A.	30	0	0				
70	P.	350	0	0	} Trigonometrical Survey Office
71				
...	} On deputation, Burma.
72	P.	350	0	0				
73	} H. S. Pushtu
...				
74	P.	300	0	0	} No. 9 (E. C.)
75	P.	300	0	0				
	(c) L. A.	50	0	0				
76	P.	300	0	0	} No. 15 (Triangulation)	H. S.
...				
77	P.	300	0	0	} No. 17 (Levelling)
78	P.	300	0	0				
79	P.	300	0	0	} No. 9 (E. C.)
	(d) L. A.	50	0	0				
80	P.	300	0	0	} No. 2 (N. C.)
81	P.	300	0	0				
82	P.	300	0	0	} No. 6 Drawing Office (Simla).
83				
84	P.	300	0	0	} No. 1 (N. C.)
85				

(a) Local allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.

(b) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1904.

(c) Local allowance, vide Department of Revenue and Agriculture No. 2870-118-3, dated 23rd November 1909.

(d) Ditto (Assam), vide Financial Resolution No. 6826, dated 25th October 1908.

Classified List of Officers of the Provincial Survey of India, as it stood on 1st January 1915—continued.

1	2	3	4	5	6	7	8	9	10	
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present post.	Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
PROVINCIAL SERVICE—contd.										
Extra Assistant Superintendents—contd.										
86	Grant, Francis Herbert	10 8 85	Aug. 10, 1905	Nov. 14, 1904	Aug. 1, 1912	86				On deputation on military duty.
87	Kitchen, Thomas Francis	2 3 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1912	87	P. . . . 300 0 0	No. 17 (Levelling)		Previous temporary service to Chandrai Establishment.
88	Kitchen, Frederick Bernard	9 10 84	June 1, 1905	June 1, 1905	Aug. 1, 1912	88	P. . . . 300 0 0	No. 6 (S. C.)	H. S.	
89	Munshi Lal, B.A.	22 6 82	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1912	89	P. . . . 300 0 0	No. 5 (S. C.)		
90	Picard, Cecil Osmond	6 10 86	Oct. 6, 1906	Nov. 1, 1905	Aug. 1, 1913	90	P. . . . 300 0 0	No. 5 (S. C.)		
91	Hughes, Henry Thomas	24 8 86	Aug. 24, 1906	Nov. 1, 1905	Aug. 1, 1912	91	P. . . . 300 0 0	No. 3 (N. C.)		
92	Mitra, Prafulla Chandra, B.A.	16 1 83	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1912	92	P. . . . 200 0 0 (a) L. A. . . 50 0 0	No. 12 (E. C.)		
93	Raj Bahadur Mathur, B.A.	18 6 88	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1912	93	P. . . . 300 0 0	No. 18 (Magnetic)		
94	Wainright, Victor Paul	19 1 85	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1912	94	P. . . . 300 0 0 (a) L. A. . . 50 0 0	No. 9 (E. C.)		
95	Butterfield, Henry Harold Prout	23 7 86	July 23, 1906	Nov. 1, 1905	Nov. 9, 1912	95	P. . . . 300 0 0	No. 7 (S. C.)		
96	Norman, Gerard Austin	25 6 83	Dec. 1, 1905	Dec. 1, 1905	Nov. 9, 1912	96	P. . . . 300 0 0	No. 15 (Triangulation)		
97	Cooper, Gilbert Edward Routliff	24 8 85	Dec. 4, 1905	Dec. 4, 1905	Nov. 9, 1912	97	P. . . . 300 0 0	No. 3 (N. C.)		
98	Miller, William James Burns	22 12 83	Dec. 4, 1905	Dec. 4, 1905	Nov. 9, 1912	98	P. . . . 300 0 0	No. 1 (N. C.)		
99	Saint, Frederick Charles	28 4 87	Aug. 24, 1907	Dec. 1, 1905	Nov. 9, 1912	99	P. . . . 300 0 0	No. 20 (Cantonment)		
100	Smith, Frederick William	7 8 85	Nov. 1, 1905	Nov. 1, 1905	Nov. 9, 1912	100				On deputation on military duty.
101	Hanby, Evelyn John Basted	14 10 88	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1912	101	P. . . . 300 0 0 (b) L. A. . . 50 0 0 (c) P. A. . . 30 0 0	Head-quarters, Calcutta		
102	Wyatt, Bertram Thomas	8 12 86	Dec. 8, 1906	Nov. 9, 1906	Nov. 9, 1912	102	P. . . . 300 0 0	No. 15 (Triangulation)		
103	Gilden, Richard Bryan	17 7 87	July 17, 1907	Nov. 9, 1906	Nov. 9, 1912	103	P. . . . 300 0 0	No. 6 (S. C.)		
104	McInnes, Colin Stewart	3 10 88	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1912	104				On privilege leave for 3 months from 4th May 1914, combined with leave on medical certificate for 6 months from 4th August 1914.
105	M. S. Ganesa Aiyar	10 1 83	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1912	105	P. . . . 300 0 0	No. 17 (Levelling)		
106	Cateert, Frank Ernest Rivers	9 2 85	Nov. 9, 1906	Nov. 9, 1906						On deputation, Bihar and Orissa.
106	Strong, William Henry	28 3 87	Mar. 28, 1907	Nov. 9, 1906	Nov. 9, 1912	106	P. . . . 300 0 0	Simla Survey Detachment		
107	Abdul Karim	28 9 84	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1912	107	P. . . . 300 0 0	Trigonometrical Survey Office.		

(a) Local allowance (Assam), vide Financial Resolution No. 5426, dated 25th October 1894.
 (b) Local allowance, vide Secretary of State's Despatch No. 179, dated 11th December 1903.
 (c) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1896.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present post.

PROVINCIAL SERVICE—concl'd.

Extra Assistant Superintendents—concl'd.

108	Grice, Francis Joslyn	20 12 87	Dec. 20, 1907	Nov. 9, 1906	Nov. 9, 1906
109	Hales, Walter Percy	22 7 89	July 22, 1908	Nov. 1, 1907	Nov. 1, 1907
110	Sexton, Cecil Bernard	23 7 89	July 23, 1909	Nov. 1, 1907	Nov. 1, 1907
111	Booth, Albert Joseph	10 7 89	July 10, 1909	Nov. 1, 1907	Nov. 1, 1907
112	Pollett, John Charles St. Clair	6 9 87	Nov. 1, 1907	Nov. 1, 1907	Nov. 1, 1907
113	Wyatt, Randolph Maurice	24 7 88	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1908
114	Gopalaohari, Kabilvanni Sarangapani, B.A.	23 11 84	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1908
115	Jackson, Oscar Douglas	18 1 88	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1908
116	Fitzpatrick, Joseph O'Connor	19 3 87	Nov. 20, 1908	Nov. 20, 1908	Nov. 20, 1908
117	Jiya Lal	19 2 89	Feb. 19, 1909	Nov. 2, 1908	Nov. 2, 1908
118	Moqimuddin	20 5 90	May 20, 1910	Nov. 1, 1909	Nov. 1, 1909
119	Moore, Arthur James	24 11 88	Nov. 24, 1909	Nov. 1, 1909	Nov. 1, 1909
120	Creed, Harold Henry	29 7 90	July 29, 1910	Nov. 1, 1909	Nov. 1, 1909
121	Calvert, John Alfred	27 12 89	Dec. 27, 1909	Nov. 1, 1909	Nov. 1, 1909
122	Dickson, Allan Vere	23 1 91	Jan. 23, 1911	Nov. 1, 1910	Nov. 1, 1910
123	Chuckerbutty, Narendra Nath	29 3 89	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1910
124	Murphy, Allan Francis	25 10 91	Oct. 25, 1911	Nov. 1, 1910	Nov. 1, 1910
125	Banerjee, Dhrondra Nath, B.A.	25 12 88	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1910
126	Dani Chand Furi	6 11 90	Nov. 1, 1911	Nov. 1, 1911	Nov. 1, 1911
127	Harthara Iyer, Nurani Sivarama	13 2 90	Nov. 1, 1911	Nov. 1, 1911	Nov. 1, 1911

Survey of India, as it stood on 1st January 1915—concluded.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
108	R a. P.			On deputation on military du
109	P. 300 0 0			
	(a) L. A. 50 0 0			No. 9 (E. C.)
110	P. 300 0 0			No. 10 (E. C.)
	(b) L. A. 80 0 0			
111	P. 300 0 0			No. 11 (E. C.)
	(b) L. A. 80 0 0			
112	P. 300 0 0			No. 7 (S. C.)
113	P. 300 0 0			No. 11 (E. C.)
	(b) L. A. 80 0 0			
114	P. 300 0 0			No. 6 (S. C.)
115	P. 300 0 0			Trigonometrical Survey Office.
116	P. 300 0 0			No. 6 (S. C.)
117	P. 300 0 0			No. 17 (Levelling)
118	P. 250 0 0			No. 3 (N. C.)
119	P. 250 0 0			No. 15 (Triangulation)
120	P. 250 0 0			No. 12 (E. C.)
	(a) L. A. 50 0 0			
121	P. 250 0 0			No. 2 (N. C.)
122	P. 250 0 0			No. 5 (S. C.)
123	P. 250 0 0			No. 17 (Levelling)
124	P. 250 0 0			No. 10 (E. C.)
	(b) L. A. 80 0 0			
125	P. 250 0 0			No. 9 (E. C.)
126	P. 250 0 0			No. 4 (N. C.)
127	P. 250 0 0			No. 7 (S. C.)

(a) Local allowance (Assam), vide Financial Resolution No. 5226, dated 25th October 1908.

(b) Ditto (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1909.

Classified List of Officers of the Upper Subordinate Service Survey of India, as it stood on 1st January 1915.

1	2	3	4	5	6	7	8	9	10	
Serial No.	Names of Officers.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present pay.	Serial No.	Salary.	Where employed at present.	Language qualifications.	Remarks.
UPPER SUBORDINATE SERVICE.										
Sub-Assistant Superintendents.										
<i>Salary ₹250 (9).</i>										
<i>Nil.</i>										
<i>Salary from ₹80 to ₹200 (116).</i>										
1	Mukerji, Sarat Kumar †	24 8 69	Aug. 24, 1889	Aug. 1, 1911	Aug. 1, 1914	1	P. . . 155 0 0	Trigonometrical Survey Office.		Joined as Computer, 29th July 1889.
2	Lachman Daji Jaju, B.S. †	19 8 60	Aug. 19, 1880	Aug. 1, 1909	Aug. 1, 1912	2	P. . . 125 0 0 (a) L. A. . 50 0 0	No. 11 (E. C.)		Joined as Sub-Surveyor, 10th September 1870.
3	Shor Jang, K.S. †	15 3 70	Oct. 1, 1896	Aug. 1, 1909	Aug. 1, 1912	3	P. . . 110 0 0			On special duty. Joined as Soldier Surveyor, 1st May 1895.
4	Natha Singh, B.S. †	1 1 70	May 18, 1891	Aug. 1, 1909	Aug. 1, 1912	4			L. S. Pushtu	Joined as Sub-Surveyor, 16th May 1891. On privilege leave for 3 months from 1st September 1913, combined with furlough for 1 year and 9 months from 1st December 1913.
5	Lal Singh, B.S. †	1 7 69	Oct. 1, 1895	Aug. 1, 1909	Aug. 1, 1912	5	P. . . 110 0 0			Joined as Sub-Surveyor, 1st October 1895. On deputation with Sir Aural Stein.
6	Ram Singh, K.S. †	1 7 71	July 1, 1891	Aug. 1, 1909	Aug. 1, 1912	6	P. . . 110 0 0	Trigonometrical Survey Office.		Joined as Pupil, 13th March 1891.
7	Anant Rao Dhondiba Mandhre, B.S. †	16 8 61	Nov. 2, 1882	Aug. 1, 1909	Oct. 1, 1914	7	P. . . 160 0 0	No. 8 (S. C.)		Joined as Sub-Surveyor, 2nd November 1882.
8	Eknath Bhatt †	1 7 63	Jan. 1, 1885	Aug. 1, 1909	Aug. 1, 1913	8	P. . . 95 0 0	No. 5 (S. C.)		Joined as Computer, 1st January 1885.
9	Abdul Hakk, K.S. †	1 10 58	Oct. 20, 1883	Jan. 1, 1910	Oct. 1, 1914	9	P. . . 160 0 0	No. 7 (S. C.)		Joined as Sub-Surveyor, 20th October 1889. Extension of service for 1 year from 1st October 1914.
10	Dharmat †	1 7 67	Dec. 1, 1886	Jan. 1, 1910	Jan. 1, 1913	10	P. . . 95 0 0	No. 20 (Cantonment)		Joined as Sub-Surveyor, 1st December 1889.
11	Dalbir Rait †	4 8 65	Dec. 8, 1899	Jan. 1, 1910	Jan. 1, 1913	11	P. . . 95 0 0 (b) L. A. . 40 0 0	No. 9 (E. C.)		Joined as Sub-Surveyor, 8th December 1880.
12	Hayat Muhammad, K.S. †	15 9 74	May 1, 1896	Jan. 1, 1910	Jan. 1, 1913	12	P. . . 95 0 0 (a) L. A. . 50 0 0	No. 10 (E. C.)	Kachin	Joined as apprentice Sub-Surveyor, 1st May 1896.
13	Das, Karuna Kumar, B.A. †	25 7 74	July 19, 1898	Apr. 1, 1910	Apr. 1, 1913	13	P. . . 95 0 0	No. 17 (Levelling)		Joined as Computer, 19th July 1896.
14	Shome, Bidhu Dhusan †	9 11 82	July 13, 1904	Apr. 1, 1910	Apr. 1, 1913	14	P. . . 95 0 0	No. 18 (Magnetic)		Joined as Copyist, 13th July 1904.
15	Benne Vasudeviah Narayana Rao †	1 7 70	July 1, 1892	Aug. 1, 1910	Aug. 1, 1913	15	P. . . 95 0 0	Southern Circle Office		Joined as apprentice Sub-Surveyor, 1st July 1892.
16	Maung Kyaw Nyein †	3 4 63	Dec. 1, 1885	Aug. 1, 1913	Jan. 1, 1914	16	P. . . 95 0 0 (a) L. A. . 50 0 0	No. 10 (E. C.)		Joined as apprentice Sub-Surveyor, 1st December 1886.
17	Hanak Chaudhuri, B.A.	24 12 85	Dec. 10, 1909	Dec. 10, 1909	Dec. 10, 1914	17	P. . . 95 0 0 (b) L. A. . 40 0 0	No. 12 (E. C.)		
18	Chuni Lal Kapur	20 10 88	Apr. 1, 1910	Apr. 1, 1910	Apr. 1, 1912	18	P. . . 80 0 0	Simla Survey Detachment		

† Promoted from the Lower Subordinate Service.

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899.
(b) Ditto (Assam), vide Department of Revenue and Agriculture No. 210-31-2, dated 2nd March 1910.

Classified List of Officers of the Upper Subordinate Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present post.

UPPER SUBORDINATE SERVICE—contd.

19	Paras Ram †	1 7 71	July 1, 1891	July 1, 1912	July 1, 1912
20	Jamna Prasad †	14 10 72	June 1, 1893	July 1, 1912	July 1, 1912
21	Jugal Behari Lal	11 9 89	Apl. 1, 1910	Apl. 1, 1910	July 1, 1912
22	Ram Narayan Hastir	21 4 89	Apl. 1, 1910	Apl. 1, 1910	July 1, 1912
23	Mahomed Lutf Ali	11 8 89	Apl. 1, 1910	Apl. 1, 1910	July 1, 1912
24	Mahindar Singh	29 11 89	Apl. 1, 1910	Apl. 1, 1910	Apl. 1, 1912
25	Kodandera Mandanna	29 4 88	Apl. 1, 1910	Apl. 1, 1910	July 1, 1912
26	Mohammed Husain Khan	16 6 80	June 14, 1910	June 14, 1910	July 1, 1912
27	Kodatti Narayanasvami Chetti †	22 1 71	Aug. 1, 1892	Aug. 1, 1912	Aug. 1, 1912
28	Muhammed Husain †	1 7 81	Mar. 1, 1901	June 1, 1914	June 1, 1914
29	Hari Ram Chandra Jogalekar †	11 10 62	Oct. 1, 1882	July 1, 1914	July 1, 1914
30	Damodar Kadilkar †	1 7 68	Sept. 1, 1889	July 1, 1914	July 1, 1914
31	Periyakottai Sundaram Vergusvami	4 1 91	Apl. 16, 1912	Apl. 16, 1912	Apl. 16, 1914
32	Ram Singh †	16 10 61	Oct. 20, 1883	Aug. 1, 1914	Aug. 1, 1914
33	Dhirendra Nath Saha †	3 1 89	Mar. 23, 1907	Oct. 20, 1914	Oct. 20, 1914

PROBATIONERS.

1	Mukharji, Satish Chandra	24 12 89	Aug. 1, 1913	Aug. 1, 1913	Aug. 1, 1913
2	Haldodderi Narasimhamurti Rao	15 2 82	Aug. 11, 1913	Aug. 11, 1913	Aug. 11, 1913
3	Lakshmi Dutt Joshi	13 11 91	Aug. 1, 1913	Aug. 1, 1913	Aug. 1, 1913
4	Vidya Dhor Chopra	12 11 92	Aug. 1, 1913	Aug. 1, 1913	Aug. 1, 1913

† Promoted from the Lower Subordinate Service.

Survey of India, as it stood on 1st January 1915—continued.

Serial No.	Salary.	Where employed at present.	Language ¹ qualifications.	REMARKS.
19	P. R a. p. 80 0 0	Riverain Detachment (N. C.)	. . . . .	Joined as Sub-Surveyor on 1st July 1891.
20	P. 80 0 0	. . . . .	. . . . .	Joined as Sub-Surveyor on 1st June 1893. On deputation with the Expedition under Cavaliere de Filippi.
21	P. 80 0 0	Trigonometrical Office.	. . . . .
22	P. 80 0 0	No. 6 (S. C.)	. . . . .
23	P. 80 0 0	No. 3 (N. C.)	. . . . .
24	. . . . .	. . . . .	. . . . .	On extraordinary leave without allowance for 1 year from 1st September 1914.
25	P. 80 0 0	No. 7 (S. C.)	. . . . .
26	P. 80 0 0	No. 4 (N. C.)	. . . . .
27	P. 80 0 0	No. 8 (S. C.)	. . . . .	Joined as Sub-Surveyor on 1st August 1892.
28	P. 80 0 0	No. 3 (N. C.)	. . . . .	Joined as Apprentice Sub-Surveyor on 1st March 1901.
29	P. 80 0 0	Southern Circle Office	. . . . .	Joined as Sub-Surveyor on 1st October 1882.
30	P. 80 0 0	No. 5 (S. C.)	. . . . .	Joined as Apprentice Sub-Surveyor on 1st September 1889.
31	P. 80 0 0	No. 8 (S. C.)	. . . . .
32	P. 80 0 0	No. 9 (E. C.)	. . . . .	Joined as Sub-Surveyor on 20th October 1883.
33	P. 80 0 0 (c) L. A. 50 0 0	No. 10 (E. C.)	. . . . .	Joined as Computer on 23rd March, 1907.
1	P. 50 0 0	No. 14 (Pendulum)	. . . . .	Under instruction.
2	P. 50 0 0	No. 7 (S. C.)	. . . . .	Ditto.
3	P. 50 0 0	No. 2 (N. C.)	. . . . .	Ditto.
4	P. 50 0 0	Riverain Detachment (N. C.)	. . . . .	Ditto.

(c) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899.

Classified List of Officers of the Upper Subordinate Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present post.

UPPER SUBORDINATE SERVICE—concl'd.

PROBATIONERS—concl'd.

5	Amir Abdul Salam Matlub Ahmad	25 9 90	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
6	Bagchi, Girija Sonker	3 12 94	Dec. 3, 1914	Oct. 15, 1914	Oct. 15, 1914
7	Daulat Ram Vohra	4 4 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
8	Edayattumangalam Narayana Natesan	30 9 89	Sept. 22, 1914	Sept. 22, 1914	Sept. 22, 1914
9	Ghosh, Amulya Charan	10 10 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
10	Ghulam Hasan	16 8 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
11	Ishwar Singh Beri	22 2 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
12	Jagdeesh Prasad Vastav	18 7 95	. . . . .	Oct. 15, 1914	Oct. 15, 1914
13	Jayamangalam Sripati	13 3 91	Sept. 1, 1914	Sept. 1, 1914	Sept. 1, 1914
14	Manzur Ali Taba Tabnee	4 6 91	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
15	Mitra, Gopal Lal	8 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914
16	Mukerji, Jitendra Mohan	21 9 92	Sept. 2, 1914	Sept. 2, 1914	Sept. 2, 1914
17	Roy (Das), Pulin Behari	26 2 93	Aug. 28, 1914	Aug. 28, 1914	Aug. 28, 1914
18	Saxena, Pratul Chandra	16 6 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1914

Survey of India, as it stood on 1st January 1915—concluded.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

5	P.	50 0 0	Trigonometrical Survey Office.	. . . . .	Under instruction.
6	P.	50 0 0	Ditto	. . . . .	Ditto.
7	P.	50 0 0	Ditto	. . . . .	Ditto.
8	P.	50 0 0	Southern Circle Office	. . . . .	Ditto.
9	P.	50 0 0	Trigonometrical Survey Office.	. . . . .	Ditto.
10	P.	50 0 0	Ditto	. . . . .	Ditto.
11	P.	50 0 0	Ditto	. . . . .	Ditto.
12	P.	50 0 0	Ditto	. . . . .	Ditto.
13	P.	50 0 0	Southern Circle Office	. . . . .	Ditto.
14	P.	50 0 0	Trigonometrical Survey Office.	. . . . .	Ditto.
15	P.	50 0 0	Ditto	. . . . .	Ditto.
16	P.	50 0 0	Southern Circle Office	. . . . .	Ditto.
17	P.	50 0 0	Ditto	. . . . .	Ditto.
18	P.	50 0 0	Trigonometrical Survey Office.	. . . . .	Ditto.

Administrative and Technical Offices of the Survey of India as they stood on 1st January 1915.

NAMES OF OFFICES AND SECTIONS.	Nature of work.	Officer in charge.
Head-Quarters, Calcutta.		
Surveyor General's Office	Accounts, Correspondence, etc.	Major C. P. Guntur R.E.
Superintendent's <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt., Map Publication.
No. 1 Drawing Office <i>Technical.</i>	Mapping and Compiling	} Major H. Le Crosthwait, R.E.
Engraving	Map engraving by hand	
Photographic and Lithographic	Reproduction of maps	Major H. McC. Cowie, R.E.
Map Record and Issue	Receipt and Issue of maps	Major H. Le Crosthwait, R.E.
Mathematical Instrument Office	Receipt, Issue, Manufacture and Repair of Instruments.	T. A. Ferrier.
Trigonometrical Survey, Dehra Dun.		
Superintendent's <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt. of Trig. Survey.
No. 2 Drawing Office <i>Technical.</i>	Mapping	} Major G. A. Benzelzy, R.E.
Photo-zinco-graphic	Reproduction of maps	
Solar Photographic	Solar Photography	} J. de Graaff Hunter, M.A.
Computing	Reduction of Geodetic operations	
Printing	Type-Printing	
Meteorological . . . . .	. . . . .
Forest Map Office . . . . .	. . . . .	Major G. A. Benzelzy, R.E.
Northern Circle—Mussooree.		
Superintendent's <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt., Northern Circle.
No. 3 Drawing Office <i>Technical.</i>	Mapping and Compiling	J. A. Freeman.
Southern Circle—Bangalore.		
Superintendent's <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt., Southern Circle.
No. 4 Drawing Office <i>Technical.</i>	Mapping and Compiling	J. H. Nichol.
Training . . . . .	. . . . .	S. S. McA'F. Fielding.
Eastern Circle—Shillong.		
Superintendent's <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt., Eastern Circle.
No. 5 Drawing Office <i>Technical.</i>	Mapping and Compiling	P. J. Barrington.

Field Parties and Offices of the Survey of India as they stood on 1st January 1915.

No. of Party or Office.	Locale of Opera- tions.	Recess Quarters.	Nature of Current Operations.	Administrative Officer.
No. 1	N. Circle	Mussooree	Topographical	Supdt., Northern Circle.
" 2	Ditto	Ditto	Ditto	Ditto.
" 3	Ditto	Ditto	Ditto	Ditto.
" 4	Ditto	Ditto	Ditto	Ditto.
" 5	S. Circle	Bangalore	Ditto	Supdt., Southern Circle.
" 6	Ditto	Ditto	Ditto	Ditto.
" 7	Ditto	Ditto	Ditto	Ditto.
" 8	Ditto	Ditto	Ditto	Ditto.
" 9	E. Circle	Shillong	Ditto	Supdt., Eastern Circle.
" 10	Ditto	Maymyo	Ditto	Ditto.
" 11	Ditto	Ditto	Ditto	Ditto.
" 12	Ditto	Shillong	Ditto	Ditto.
" 13	India	Mussooree	Astronomical	Supdt. of Trig. Survey.
" 14	Ditto	Ditto	Pendulum	Ditto.
" 15	Ditto	Ditto	Triangulation	Ditto.
" 16	Ditto	Dehra Dun	Tidal	Ditto.
" 17	Ditto	Mussooree	Levelling	Ditto.
" 18	Ditto	Ditto	Magnetic	Ditto.
" 19	Ditto	Ditto	Base Line	Ditto.
" 20	Ditto	Meerut	Cantonment	Supdt., Northern Circle.
Riverain Detachment	N. Circle	Dharamsala	Special	Ditto.
No. 6 Drawing Office	Simla	Simla	Mapping and Compiling	Surveyor General.
Drawing Office	Dihar and Orissa	Calcutta	Ditto	Director of Surveys, Bengal and Assam.
Detachment	Basrah Survey . . . . .	. . . . .	Special	Surveyor General.

List of Officers of the Survey of India temporarily transferred
1st January 1915.

Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Govt. or Dept. to which transferred.	Date of deputation.	REMARKS.
Major A. A. McHarg, R.E.		D. Sup.		Oct. 7, 14	Temporarily re- verted to military duty
Major M. O'C. Tandy, R.E.		D. Sup.		Oct. 21, 14	Ditto.
Capt. R. H. Thomas, R.E.		D. Sup.		Oct. 21, 14	Ditto.
Capt. C. M. Browne, D. S.O., R.E.		D. Sup.		Oct. 22, 14	Ditto.
Capt. R. H. Phillimore, R.E.		D. Sup.		Oct. 19, 14	Ditto.
Capt. F. F. Hunter, I.A.		D. Sup.		Nov. 26, 14	Ditto.
Capt. E. C. Baker, R.E.		D. Sup.		Oct. 22, 14	Ditto.
Capt. L. G. Crosthwaite, I.A.		A. Sup.		Dec. 2, 14	Ditto.
Capt. H. J. Couchman, R.E.		A. Sup.		Oct. 22, 14	Ditto.
Capt. S. W. S. Hamilton, R.E.		A. Sup.		Oct. 22, 14	Ditto.
Capt. V. R. Cotter, I.A.		A. Sup.		Nov. 27, 14	Ditto.
Capt. J. D. Campbell, R.E.		A. Sup.		Oct. 22, 14	Ditto.
Capt. K. W. Pye, R.E.		A. Sup.		Oct. 22, 14	Ditto.
Capt. E. B. Cardew, R.E.		A. Sup.		Oct. 19, 14	Ditto.
Capt. E. Foster, I.A.		A. Sup.		Nov. 22, 14	Ditto.
Capt. H. T. Morhead, R.E.		A. Sup.		Oct. 29, 14	Ditto.
Capt. G. F. T. Oakes, R.E.		A. Sup.		Oct. 21, 14	Ditto.
Capt. F. J. M. King, R.E.		A. Sup.		Oct. 13, 14	Ditto.
* Capt. A. H. Gwyn, I.A.		A. Sup.	Bengal and Assam	June 14, 12	Ditto. from 11th December 1914
Capt. J. A. Field, R.E.		A. Sup.		Oct. 22, 14	Temporarily re- verted to military duty
Lieut. A. A. Chase, R.E.		A. Sup.		Oct. 16, 14	Ditto.
Lieut. C. G. Lewis, R.E.		A. Sup.		Oct. 22, 14	Ditto.
* Capt. C. M. Thompson, I.A.		A. Sup.	Bengal and Assam	Nov. 4, 13	.....
Lieut. P. G. Huddleston, R.E.		A. Sup.		Oct. 18, 14	Temporarily re- verted to military duty
Lieut. K. Mason, R.E.		A. Sup.		Oct. 27, 14	Ditto.
Capt. F. B. Scott, I.A.		A. Sup.		Nov. 16, 14	Ditto.
Lieut. R. S. Wakab, I.A.		A. Sup.		Nov. 29, 14	Ditto.
Lieut. R. L. Almond, R.E.		A. Sup.		Aug. 13, 14	Ditto.
Lieut. F. P. Nosworthy, R.E.		A. Sup.		Aug. 12, 14	Ditto.
Lieut. H. E. Room, R.E.		A. Sup.		Oct. 18, 14	Ditto.
Lieut. L. H. Jackson, I.A.		A. Sup.		Sept. 18, 14	Ditto.

* Seconded.

List of Officers of the Survey of India temporarily transferred,
1st January 1915—concluded.

Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Govt. or Dept. to which transferred.	Date of deputation.	REMARKS.
Provincial Service.					
	* J. H. Murphy	D. Sup.	Bihar and Orissa	Apl. 1, 12	
	* F. E. R. Colvert	E. A. Sup.	Ditto	Oct. 2, 06†	
	* A. B. Smart	D. Sup.	Bengal and Assam	Apl. 1, 12	
	* O. E. C. Judd	E. A. Sup.	Assam	May 9, 11†	
	* C. G. Lee	E. A. Sup.	Bengal	Apl. 1, 12	
	* O. A. O'Donel	E. A. Sup.	Ditto	Sept. 6, 10†	
	* O. J. H. Hart	E. A. Sup.	Ditto	Jan. 31, 09†	
	* P. F. Delaney	E. A. Sup.	Ditto	Apl. 1, 12	
	* I. Newton	E. A. Sup.	Ditto	Sept. 26, 10†	
	* P. Beechey	D. Sup.	Barma	Apl. 1, 12	
	* W. E. Johnson	E. A. Sup.	Ditto	Nov. 4, 08†	
	* J. A. T. Had- dock.	E. A. Sup.	Ditto	Apl. 1, 12	
	* W. J. Baker	E. A. Sup.	Ditto	Oct. 29, 08†	
	* H. B. Powell	E. A. Sup.	Ditto	June 8, 90	
	* H. A. Hardless	E. A. Sup.	Ditto	Nov. 7, 95	
	* T. P. Dewar	E. A. Sup.	Ditto	Oct. 16, 91	
	* W. E. S. Swiney	E. A. Sup.	Ditto	Sept. 21, 99	
	* C. H. G. John- son.	D. Sup.	Central Provinces	Nov. 20, 95	
	* C. J. Veale	E. A. Sup.	Thomason College, Rurki, Bombay	Nov. 1, 09	
	W. Newland	E. A. Sup.	Ditto	June 2, 14	
	B. M. Berrill	E. A. Sup.	Ditto	Sept. 28, 11	
	E. C. O'Sullivan	E. A. Sup.	Ditto	Oct. 1, 08	
	O. H. Tresham	E. A. Sup.	Ditto	Oct. 16, 08	
	A. J. A. Drake	E. A. Sup.	Ditto	Sept. 20, 13	
	F. H. Grant	E. A. Sup.	Ditto	Apl. 7, 14	
	F. W. Smith	E. A. Sup.	Ditto	Sept. 15, 14	On deputation on military duty.
	F. J. Grice	E. A. Sup.	Ditto	Ditto	Ditto.
				Ditto	Ditto.
				Ditto	Ditto.
				Ditto	Ditto.
				Ditto	Ditto.

* Seconded.
† Represents date of original deputation.

List of Officers of the Survey of India on leave on 1st
January 1915.

Names.	Designation, rank or grade.	Nature of leave.	Period of leave.	Leave began.	Leave ends.	REMARKS
Imperial Service.						
Y. M. D.						
Capt. M. N. MacLeod, B.E.	D. Sup. . . .	P. L. with furlough.	1 2 11	Mar. 23, 14	June 2, 15	
Capt. O. H. B. Trenchard, B.E.	A. Sup. . . .	P. L. with furlough.	2 0 0	Oct. 30, 13	Oct. 29, 15	
Provincial Service.						
Syed Aulad Hossain, K.B.	D. Sup. . . .	P. L. . . .	0 2 15	Dec. 14, 14	Feb. 28, 15	
D. K. Rennick . . .	E. A. Sup. . .	P. L. with furlough.	1 2 10	Nov. 11, 13	Jan. 20, 15	
V. D. B. Collins . . .	E. A. Sup. . .	P. L. with furlough.	1 3 0	Aug. 1, 14	Oct. 31, 15	
C. S. McInnes . . .	E. A. Sup. . .	P. L. with leave on m. o.	0 9 0	May 4, 14	Feb. 2, 15	
A. J. Booth . . .	E. A. Sup. . .	P. L. . . .	0 3 0	Dec. 11, 14	Mar. 10, 15	
A. V. Dickson . . .	E. A. Sup. . .	P. L. . . .	0 1 0	Dec. 4, 14	Jan. 3, 15	
U. S. Service.						
Natha Singh, s.s.	S. A. S. . . .	P. L. with furlough.	2 0 0	Sept. 1, 13	Aug. 31, 15	
Mahinder Singh . . .	S. A. S. . . .	Extraordi- nary leave without allowance.	1 0 0	Sept. 1, 14	Aug. 31, 15	

List of casualties which occurred in the Survey of India during
the half-year ending 31st December 1914.

Names.	Rank or Designation.	Date.	NATURE OF CASUALTY.
<i>Imperial Service.</i>			
Major F. C. Hirst, I.A.	D. Sup.	Feb. 1, 1914	Transferred to the Govern- ment of Bengal.
Lieut. H. M. McKay, B.E.	A. Sup.	Nov. 13, 1914	Killed in action.
<i>Provincial Service.</i>			
N. Bedford	D. Sup.	Nov. 10, 1914	Retired.
C. Litchfield	D. Sup.	Sept. 1, 1914	Died.
<i>U. S. Service.</i>			
Raghubar Datt Thaphyal	S. A. S.	Nov. 21, 1914	Died.

List of Officers holding Indian Titles in the Survey of India

NAME.	Designation and office.	Date on which granted.
<i>Khan Bahadur.</i>		
Eber Jang	S. A. S.	1st Jan. 1904.
Eyed Anlad Hossein	D. Sup.	12th Dec. 1911.
Haji Abdul Rahim	E. A. Sup.	3rd June 1913.
<i>Rai Bahadur.</i>		
Lal Singh	S. A. S.	1st Jan. 1909.
Lachman Daji Jadu	S. A. S.	12th Dec. 1911.
Chuni Lal Dey	Registrar, Surveyor General's Office	1st Jan. 1914.
<i>Khan Sahib.</i>		
Asmatullah Khan	E. A. Sup.	12th Dec. 1911.
Abdul Hakk	S. A. S.	12th Dec. 1911.
Hayat Muhammad	S. A. S.	12th Dec. 1911.
<i>Rai Sahib.</i>		
Natha Singh	S. A. S.	9th Nov. 1907.
Ram Singh	S. A. S.	1st Jan. 1901.
Maya Das Puri	E. A. Sup.	12th Dec. 1911.
Gurmukh Singh	Surveyor	14th June 1912.
Pramada Hanjan ray	E. A. Sup.	3rd June 1913.
Narendra Nath Mukharji	Head Accountant, Surveyor General's Office.	22nd June 1914.
Elra Singh	Head Assis'tant, Trigonometrical Survey Office.	22nd June 1914.
<i>Rao Sahib.</i>		
Anantaro D'ondiba Mandhre	S. A. S.	14th June 1912.

Disposition List of Administrative Officers of the Survey of India, 1st January 1915.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Surveyor General of India. (Calcutta.)	Col. Sir S. G. Barrard, K.C.S.I., R.E., F.R.S.	. . . . .	. . . . .	. . . . .	Oct. 31, 11	General direction of all operations and superintendence of— No. 6 Drawing Office (Simla). Basrah Survey Detachment.
Superintendent, Northern Circle.	Col. W. J. Bythell, R.E.	. . . . .	. . . . .	Sup.	June 7, 09	Superintendence of— No. 1 Party. No. 2 Party. No. 3 Party. No. 4 Party. No. 20 (Cantonment). Riverain Det. Simla Survey Detachment.
<i>Provincial Service.</i>						
			J. A. Freeman	E. A. Sup.	Nov. 17, 14	In charge, No. 3 Drawing Office.
			C. E. C. French	E. A. Sup.	Oct. 11, 13	In charge Simla Survey Detachment.
			W. H. Strong	E. A. Sup.	Jan. 1, 15	Ditto.
<i>U. S. Service.</i>						
			Natha Singh	S. A. S.	Sept. 1, 13	(On leave.)
			Chuni Lal Kapur	S. A. S.	Dec. 5, 14	Simla Survey Detachment.
			Mahindar Singh	S. A. S.	Sept. 1, 14	(On leave.)
(Mussoree.)						

Disposition List of Administrative Officers of the Survey of India, 1st January 1915—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Superintendent, Southern Circle.	Col. T. F. B. Renny-Tailyour, C.S.I., B.E.	. . . . .	. . . . .	Sup. . . .	Sept. 8, 14	Superintendence of— No. 5 Party No. 6 Party No. 7 Party No. 8 Party
			<i>Provl. Service.</i>			
			J. H. Nichol	D. Sup. . .	Mar. 10, 13	In charge No. 4 Drawing Office.
			F. P. Walsh	E. A. Sup. .	Apr. 4, 14	
			P. H. Anderson	E. A. Sup. .	Nov. 14, 14	
			S. S. McA'F. Fielding.	E. A. Sup. .	Nov. 13, 14	Survey Instructor.
			<i>U. S. Services.</i>			
			B. V. Narayana Rao	S. A. S. . .	Oct. 16, 10	
			Hari Ram Chandra Jogalekar.	S. A. S. . .	July 1, 10	
			Pulin Behari Roy (Das).	. . . . .	Aug. 29, 14	On probation.
			J. Sripati . . . . .	. . . . .	Sept. 1, 14	Ditto.
			Jitendra Mohan Mukerjee.	. . . . .	Sept. 3, 14	Ditto.
			E. N. Natesan . . . . .	. . . . .	Sept. 22, 14	Ditto.
(Bangalore.)						
Superintendent, Eastern Circle.	Lt.-Col. R. T. Crichton, C.I.E., I.A.	. . . . .	. . . . .	Sup. . . .	Nov. 21, 14	Superintendence of— No. 9 Party. No. 10 Party. No. 11 Party. No. 12 Party.
			<i>Provl. Service.</i>			
			P. J. Barrington	D. Sup. . .	Mar. 1, 13	In charge No. 6 Drawing Office.
			J. P. Barker	A. Sup. . .	Nov. 26, 14	
			E. Claudius	E. A. Sup. .	Oct. 13, 14	
Shillong.						

Disposition List of Administrative Officers of the Survey of India, 1st January 1915—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Superintendent of the Trigonometrical Survey.	Lt.-Col. G. P. Lenox-Conyng-ham, B.E.	. . . . .	. . . . .	Sup. . . .	Sept. 9, 12	Superintendence of Offices at Dehra and— No. 13 Party (Astro.). No. 14 Party (Pendulum). No. 15 Party (Triangulation). No. 16 Party (Tidal). No. 17 Party (Levelling). No. 18 Party (Magnetic). No. 19 Party (Base line). In charge, No. 2 Drawing Office, Photo-Zinco. Section of Trigonometrical Survey Office and Forest Map Office.
			Waj. G. A. Boazeley, B.E.	D. Sup. . .	Mar. 16, 14	On deputation with the expedition under Cavaliere de Filippi.
			Maj. H. Wood, B.E.	D. Sup. . .	Mar. 26, 14	In charge, Computing and Technical Offices.
			J. de Graaff Hunter, M.A.	Mathl. Adviser	Nov. 1, 12	
			<i>Provl. Service.</i>			
			J. Smith	D. Sup. . .	Dec. 1, 14	Trigl. Survey Office.
			O. C. Ollenbach	E. A. Sup. .	Mar. 1, 13	Chief Draftsman, Forest Map Office.
			H. A. Charrier	E. A. Sup. .	Apr. 1, 11	Trigl. Survey Office.
			Hanuman Prasad	E. A. Sup. .	May 1, 13	Ditto.
			H. C. W. Stotesbury.	E. A. Sup. .	Dec. 10, 14	Ditto.
			O. N. Pushong	E. A. Sup. .	Nov. 10, 13	Ditto.
			Abdul Karim	E. A. Sup. .	June 1, 14	Ditto.
			O. D. Jackson	E. A. Sup. .	Oct. 20, 11	Ditto.
			<i>U. S. Services.</i>			
			Sarat Kumar Mukerji.	S. A. S. . .	Aug. 1, 11	Trigl. Survey Office.
			Lal Singh, B.E.	S. A. S. . .	July 31, 13	On deputation with Sir Aurel Stein.
			Ram Singh, B.E.	S. A. S. . .	Apr. 1, 13	Trigl. Survey Office.
			Jamna Prasad	S. A. S. . .	Mar. 22, 14	On deputation with the expedition under Cavaliere de Filippi.

Disposition List of Administrative Officers of the Survey of India, 1st January 1915—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of infidelity and remarks.	
(Dehra Dun.)			Jugal Behari Lal .	S. A. S.	Oct. 17, 14	Trigl. Office. On probat.	
			Amir Abd'ul Salam Matlub Ahmad.	. . .	Oct. 15, 14		
			Girija Sonker Bagchi.	. . .	Oct. 15, 14	Ditto.	
			Daulat Ram Vobra	. . .	Oct. 15, 14	Ditto.	
			Amulya Charan Ghosh.	. . .	Oct. 15, 14	Ditto.	
			Ghulam Hasan .	. . .	Oct. 15, 14	Ditto.
			Ishwar Singh Beri .	. . .	Oct. 15, 14	Ditto.
			Jagdeesh Prasad Vastav.	. . .	Oct. 15, 14	Ditto.	
			Manzur Ali Taba Tabae	. . .	Oct. 15, 14	Ditto.	
			Gopal Lal Mitra .	. . .	Oct. 15, 14	Ditto.
Pratul Chandra Sen Gupta	. . .	Oct. 15, 14	Ditto.				
Superintendent, Map Publication.	Maj. W. M. Coldstream, R.E.		. . . . .	Sup.	Aug. 25, 11	
			Maj. H. L. Crosthwait, R.E.	D. Sup.	Oct. 26, 14	In charge, No. D. O., E. and M. E. L.
			Maj. H. McC. Cowie, R.E.	D. Sup.	Nov. 19, 14	In charge, P. L. O.
	Provl. Service.			M. Gastaud .	D. Sup.	Oct. 15, 02	Chief Draftsman, Map Publication Office.
				T. W. Babonau .	E. A. Sup.	May 5, 14	
				J. H. S. Wilson .	E. A. Sup.	Nov. 26, 14	Head Draftsman, Drawing Office (on probation).
				P. Williams .	E. A. Sup.	Mar. 4, 14	
				Jagdamba Prasad .	E. A. Sup.	June 28, 10	
				C. C. Byrne .	E. A. Sup.	Nov. 1, 11	
				A. C. Dose .	E. A. Sup.	Nov. 2, 14	
P. Simpson .	E. A. Sup.	May 25, 08					
P. N. Sar .	E. A. Sup.	May 1, 03					
E. J. H. Hanby .	E. A. Sup.	Sept. 1, 11					
(Calcutta.)							

Disposition List of Administrative Officers of the Survey of India, 1st January 1915—concluded.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Service.	Class.	Date of appointment.	REMARKS.
Charge of Surveyor-General's Office.	. . . . .	Maj. C. P. Gunter, R.E.	. . . . .	D. Sup.	Sept. 9, 14	
(Calcutta.)						
Post.	Administrative Officer.	Officer in charge.			Date of appointment.	REMARKS.
Charge of Mathematical Instrument Office.	Supdt. Map Publication.	T. A. Ferrier	. . . . .	. . . . .	Oct. 3, 14	
(Calcutta.)						

Disposition List of Officers of the Survey

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.
1	Northern Circle (Topographical).	Supdt., Northern Circle.	Provincial Service.		
			M. C. Petters	E. A. Sup.	Nov. 17, 14
			P. A. T. Kenny	E. A. Sup.	Sept. 1, 14
			R. C. Hanson	E. A. Sup.	Nov. 25, 09
			W. J. B. Miller	E. A. Sup.	Oct. 15, 07
Recess quarters, Mussooree			Permanent Establishment		
			Temporary ditto		
2	Northern Circle (Topographical).	Supdt., Northern Circle.	Provincial Service.		
			B. R. Hughes	D. Sup.	Apl. 28, 14
			F. B. Powell	E. A. Sup.	June 9, 13
			Kanak Singh	E. A. Sup.	Nov. 15, 00
			R. E. Saubolle	E. A. Sup.	Oct. 12, 10
			J. H. Johnson	E. A. Sup.	Oct. 1, 13
			J. A. Calvert	E. A. Sup.	May 29, 12
			Upper Subordinate Service.		
Lakshmi Dutt Joshi (on probn.)				Jan. 1, 15	
Recess quarters, Mussooree.			Permanent Establishment		
			Temporary ditto		

India attached to Field Parties, 1st January 1915.

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1914-1915. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.		
			Tindals and Khalasis.	Burkundazes and Peons.			
						1,19,470	In charge.
19 2	...	2 15	20 116	...	...
						1,41,860	In charge.
29 6	2 ...	4 8	38 176	6 ...	...	

Disposition List of Officers of the Survey of India attached to Field Parties, 1st January 1915—continued.

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.	SUBORDINATE ESTABLISHMENT.					Sanctioned Budget for 1914-1915. Rs.	REMARKS.				
						Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.				Sub-Assistant Surgeons.			
						Tindals and Khalasis.	Burkundazes and Peons.									
2	Northern Circle. (Topographical). Recess quarters, Mussooree.	Supdt., Northern Circle.	Provincial Service.								1,13,290	In charge.				
			H. H. B. Hanby	E. A. Sup.	Nov. 17, 14											
			E. J. Figgie	E. A. Sup.	Oct. 1, 14											
			E. B. West	E. A. Sup.	Nov. 1, 14											
			H. T. Hughes	E. A. Sup.	Sept. 11, 14											
			G. E. R. Cooper	E. A. Sup.	Nov. 1, 14											
			Mogimuddin	E. A. Sup.	Oct. 23, 14											
			Upper Subordinate Service.													
			Mahomed Lutf Ali	S. A. S.	Apr. 1, 10											
			Muhammad Hussain	S. A. S.	Nov. 1, 10											
			Permanent Establishment			18	4	5	71					
			Temporary ditto			5	2	15	229					
4	Northern Circle. (Topographical). Recess quarters, Mussooree.	Supdt., Northern Circle.	Provincial Service.								1, 3,320	In charge.				
			H. W. Biggle	D. Sup.	Nov. 17, 14											
			G. J. S. Rae	E. A. Sup.	June 25, 04											
			J. C. C. Lears	E. A. Sup.	Dec. 19, 14											
			Duni Chand Puri	E. A. Sup.	Nov. 1, 14											
			Upper Subordinate Service.													
			Mohammad Hussain Khan	S. A. S.	June 1, 11											
						Permanent Establishment			17	1			9	19
						Temporary ditto			15	2			9	289

Disposition List of Officers of the Survey of *attached to Field Parties, 1st January 1915—continued.*

No of Party.	Locale and nature of operations.	Admin-istrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date appointed to Party.	SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1914-1915. Rs.	REMARKS.	
						Surveyors.	Traversors.	Drafts-men, Com-puters, Clerks, Interpre-ters.	Menial Establishment.		Sub-Assistant Surgeons.			
						Tindals and Khalasis.	Burkundazes and Peons.							
5	Southern Circle (Topographical).	Supdt., South-ern Circle.	Provincial Service.									1,34,620	In charge.	
			J. O'B. Donaghey	E. A. Sup.	Oct. 27									
			F. C. Pilcher	E. A. Sup.	Sept. 28									
			Munshi Lal, B.A.	E. A. Sup.	Oct. 15									
			C. O. Picard	E. A. Sup.	Sept. 1									
			A. V. Dickson	E. A. Sup.	Nov. 26									
			Upper Subordinate Service.											
			Eknath Battu	S. A. S.	Nov. 4									
			Damodar Kadilkur	S. A. S.	Oct. 14									
									20	6	3			26	11	...
Recess quarters, Bangalore.						6	1	1	286	9	...			
6	Southern Circle (Topographical).	Supdt., South-ern Circle.	Imperial Service.									1,05,620	In charge.	
			Capt. L. C. Thullier, I.A.	D. Sup.	Dec. 9									
			Provincial Service.											
			E. A. Meyer	E. A. Sup.	Sept. 9									
			Haji Abdul Rahim, K.B.	E. A. Sup.	June 11									
			F. B. Kitchen	E. A. Sup.	Mar. 1									
			R. B. Gildea	E. A. Sup.	Oct. 17									
			K. S. Gopalachari, B.A.	E. A. Sup.	Oct. 18									
			J. O'C. Fitzpatrick	E. A. Sup.	Oct. 31									
			Upper Subordinate Service.											
Ram Narayan Hastir	S. A. S.	Oct. 23												
						17	9	4	35	2	...			
Recess quarters, Bangalore.						9	2	2	265			
						Permanent Establishment								
						Temporary ditto								

Disposition List of Officers of the Survey of attached to Field Parties, 1st January 1915—continued.

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date appointed to Party.	SUBORDINATE ESTABLISHMENT.					Sanctioned Budget for 1914-1915. Rs.	REMARKS.					
						Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment. Tindals and Khalasis. Burkundazes and Peons.				Sub-Assistant Surgeons.				
7	Southern Circle (Topographical).	Supdt., Southern Circle.	Provincial Service.								86,010	In charge.					
			W. M. Gorman	E. A. Sup.	Oct. 1914	•••	•••	•••	•••	•••			•••				
			C. S. Littlewood	E. A. Sup.	Oct. 1914												
			C. West	E. A. Sup.	Oct. 1914												
			H. H. P. Butterfield	E. A. Sup.	June 1914												
			J. C. St. C. Pollett	E. A. Sup.	Nov. 1914												
			N. S. Haribara Iyer	E. A. Sup.	July 1914												
			Upper Subordinate Service.														
			Abdul Hakk, k.s.	S. A. S.	Nov. 1914												
			Kodandera Mandanna	S. A. S.	Nov. 1914												
			H. Narasimhamurti Rao (on probn.)		Oct. 1914												
			Recess quarters, Bangalore.			Permanent Establishment			17	•••			2	12	2	•••	
						Temporary ditto			7	•••			1	210	•••		
8	Southern Circle (Topographical).	Supdt., Southern Circle.	Provincial Service.								1,23,270	In charge.					
			W. F. E. Adams	D. Sup.	Oct. 1914	•••	•••	•••	•••	•••			•••				
			S. F. Norman	E. A. Sup.	June 1914												
			J. H. Williams	E. A. Sup.	Nov. 1914												
			P. Kenney	E. A. Sup.	Oct. 1914												
			M. Mahadeva Mudalliar, B.A.	E. A. Sup.	Apr. 1914												
			Upper Subordinate Service.														
			Anantarao Dhondiba Mandhre, B.A.	S. A. S.	Sept. 1914												
			K. Narayanasvami Chetti	S. A. S.	Sept. 1914												
			P. S. Vengusvami	S. A. S.	Oct. 1914												
			Recess quarters, Bangalore.			Permanent Establishment			17	•••			1	7	8	•••	
						Temporary ditto			12	•••			2	421	•••		

Disposition List of Officers of the Survey of

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date appointed to Post.		
9	Eastern Circle (Topographical).	Supdt., Eastern Circle.	Imperial Service.				
			Lieut-Col. C. L. Robertson, C.M.G., B.E.	D. Sup.	Nov. 21		
			Provincial Service.				
			Dhaul Ram Verma	E. A. Sup.	Nov. 25		
			B. C. Newland	E. A. Sup.	Dec. 5		
			L. B. Fitz-Gibbon	E. A. Sup.	Apr. 1		
			Amar Krishna Mitra	E. A. Sup.	June 8		
			V. P. Wainright	E. A. Sup.	Nov. 9		
			W. P. Hales	E. A. Sup.	Mar. 3		
			Dhirendra Nath Banerji, B.A.	E. A. Sup.	Oct. 12		
			Upper Subordinate Service.				
			Dalbir Lal	S. A. S.	May 1		
			Ram Singh	S. A. S.	Feb. 14		
Recess quarters, Shillong.			Permanent Establishment		:		
			Temporary ditto		:		
10	Eastern Circle (Topographical).	Supdt., Eastern Circle.	Imperial Service.				
			Maj. E. T. Rich, B.E.	D. Sup.	Oct. 11		
			Provincial Service.				
			W. G. Jarbo	E. A. Sup.	Oct. 1		
			H. B. Simons	E. A. Sup.	Dec. 5		
			V. W. Morton	E. A. Sup.	July 3		
			C. H. Sexton	E. A. Sup.	Sept. 21		
			A. F. Murphy	E. A. Sup.	Oct. 1		
			Upper Subordinate Service.				
			Hayat Muhammad, K.S.	S. A. S.	May 10		
			Mauug Kyaw Nyon	S. A. S.	June 1		
			Dhirendra Nath Saha	S. A. S.	Nov. 1		
			Recess quarters, Maymyo.			Permanent Establishment	
			Temporary ditto		:		

attached to Field Parties, 1st January 1915—continued.

Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Merial Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1914-1915. Rs.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
						1,29,750	In charge.
11 14	...	2 7	9 56	5 6	...		
						1,93,800	In charge.
10 11	...	3 6	85 227	3	...	1	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.	
11	Eastern Circle (Topographical). Recess quarters, Maymyo.	Supdt., Eastern Circle.	Provincial Service.			
			J. O. Grieff	E. A. Sup.	Dec. 2, 10	
			A. M. Talati	E. A. Sup.	May 11, 10	
			F. E. R. Calvert	E. A. Sup.	Sept. 11, 10	
			A. J. Booth	E. A. Sup.	Oct. 19, 10	
			R. M. Wyatt	E. A. Sup.	Oct. 23, 10	
			Asma-ullah Khan, K.S.	E. A. Sup.	Oct. 25, 10	
			Upper Subordinate Service.			
			Lachman Daji Jadu, B.S.	S. A. S.	Nov. 17, 10	
			Permanent Establishment Temporary ditto			
			12	Eastern Circle (Topographical). Recess quarters, Shillong.	Supdt., Eastern Circle.	Imperial Service.
Maj. A. Mears, I.A.	D. Sup.	Oct. 24, 12				
Provincial Service.						
W. Skilling	E. A. Sup.	Nov. 18, 12				
Pramadaranjan Ray, B.S.	E. A. Sup.	May 19, 06				
E. M. Kenny	E. A. Sup.	Nov. 1, 11				
Prafulla Chandra Mitra, B.A.	E. A. Sup.	Oct. 23, 10				
H. H. Creed	E. A. Sup.	Sept. 28, 10				
Upper Subordinate Service.						
Nanak Chand Pari, B.A.	S. A. S.	Oct. 21, 10				
Permanent Establishment Temporary ditto						
13	India (Astronomical). Recess quarters, Mussooree.	Supdt. of Trig. Sy.	Imperial Service.			
			Lieut.-Col. G. P. Lenox-Conyngham, B.S.	Sup.	Nov. 27, 14	
			Permanent Establishment Temporary ditto			

attached to Field Parties, 1st January 1915—continued.

Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Mental Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1914-1915. Rs.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
12	...	6	49	4	...	1,75,520	In charge.
11	...	7	255	...	...
23	2	3	21	16	1	1,51,560	In charge.
11	3	6	389	6	...		
...	...	...	...	...	...	33,100	In charge.
...	...	2	15	2	...		
...	...	1	5	...	...

Disposition List of Officers of the Survey of

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date appointed to Party.
14	India (Pendulum).	Supdt. of Trig. Sy.	Imperial Service.		
			Maj. E. A. Tandy, B.E.	D. Sup.	Nov. 17, 1914
			Upper Subordinate Service.		
			Satish Chandra Mukharji (on probn.)		Oct. 1, 1914
				Permanent Establishment	
				Temporary ditto	
Beech quarters, Mussooree.					
15	India (Triangulation).	Supdt. of Trig. Sy.	Imperial Service.		
			Maj. E. A. Tandy, B.E.	D. Sup.	Mar. 16, 1914
			Provincial Service.		
			L. Williams	E. A. Sup.	Nov. 1, 1913
			G. A. Norman	E. A. Sup.	Sept. 7, 07
			B. T. Wyatt	E. A. Sup.	Oct. 17, 08
			A. J. Moore	E. A. Sup.	July 23, 14
Beech quarters, Mussooree.					
				Permanent Establishment	
				Temporary ditto	

attached to Field Parties, 1st January 1915—continued.

Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Mental Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1914-1915. Es.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
...	1	13	...	36,550	In charge.
...	2	5	1	...	
...	1,68,910	In charge.
...	4	13	14	...	
...	14	215	8	1	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.
16	India (Tidal).	Supdt. of Trig. Sy.	Provincial Service.		
			Syed Aulad Hossein, E.E.	D. Sup.	Mar. 1, 13
			Syed Zille Haasain	E. A. Sup.	Oct. 1, 97
			D. H. Luxa	E. A. Sup.	Dec. 22, 14
Recess quarters, Dehra Dun.			Permanent Establishment	Temporary ditto	
17	India (Levelling).	Supdt. of Trig. Sy.	Provincial Service.		
			H. G. Shaw	D. Sup.	Mar. 1, 13
			T. F. Kitchen	E. A. Sup.	Mar. 1, 10
			Jiya Lal	E. A. Sup.	Oct. 23, 11
			J. McCracken	E. A. Sup.	Oct. 20, 13
			M. S. Ganesa Aiyar	E. A. Sup.	Nov. 5, 13
			N. N. Chuckerbutty	E. A. Sup.	Oct. 9, 11
Recess quarters, Mussooree.			Permanent Establishment	Temporary ditto	
			Upper Subordinate Service.		
			Karuna Kumar Das, B.A.	S. A. S.	Oct. 1, 10

attached to Field Parties, 1st January, 1915—continued.

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1914-1915. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Mental Establishment.		Sub-Assistant Surgeons.		
			Tindals and Khalasis.	Burkundazes and Peons.			
...	...	10	4	2	...	30,010	In charge.
...	...	10	5	1	...		In temporary charge.
...	...	2	10	1	...	65,200	In charge.
...	...	9	103	...	...
...	...	10	8	10	2	72,130	In charge.
...	...	8	27	1	...		

Disposition List of Officers of the Survey of

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date appointed to Post.
19	India (Base Line).	Supdt. of Trig. Sy.	Imperial Service. Lt. W. E. Perry, R.E.	A. Sup.	Oct. 24
Recess quarters, Mysore.			Permanent Establishment Temporary ditto		
20	India (Cantonment).	Supdt., Northern Circle.	Provincial Service. A. Ewing F. C. Saint Upper Subordinate Service. Dharma	D. Sup. E. A. Sup. S. A. S.	Mar. 1, 1915 Oct. 5, 1914 Sept. 15, 1914
Recess quarters, Meerut.			Permanent Establishment Temporary ditto		

attached to Field Parties, 1st January 1915—continued.

Surveyors.	Traversers.	Draughtsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1914-1915. Rs.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
...	1	2	...	30,500	In charge.
...	1	2	...	50,540	In charge.
5 10	...	7 8	2 117	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to post.
Det.	Riversain (Northern Circle).	Supdt., Northern Circle.	Provincial Service.		
			Maya Das Puri, R.S.	E. A. Sup.	July 1, 10
Dharamsala.			Upper Subordinate Service.		
			Paras Ram	S. A. S.	Dec. 10, 14
			Vidya Dhor Chopra (on probation)		Nov. 1, 14
			Permanent Establishment		
			Temporary ditto		
			Settlement ditto		
...	No. 6 Drawing Office (Simla)	S. G.	Imperial Service.		
			Maj. H. H. Turner, R.S.	D. Sup.	Mar. 23, 14
Simla.			Provincial Service.		
			A. B. Hunter	E. A. Sup.	Oct. 1, 14
			A. A. Graham	E. A. Sup.	June 12, 12
			Permanent Establishment		
			Temporary ditto		
...	Bihar and Orissa Drawing Office. (Imperial Section.)	Director of Surveys, Bengal and Assam.	Provincial Service.		
			E. G. Hardinge	E. A. Sup.	Apr. 1, 08
Calcutta.			Permanent Establishment		
			Temporary ditto		

attached to Field Parties, 1st January 1915—continued.

SUBORDINATE ESTABLISHMENT.							Sanctioned Budget for 1914-1915. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.	Tahsildars, Naib Tahsildars, Kanungos, etc.		
			Tindals and Khalasis.	Burkundazes and Peons.				
							1,31,340	In charge.
...	
1	5	11	8	2	1	...		
...	12	44	436	...	...	8		
...	...	...	...	...	...	...	49,250	For Survey Section.
...	...	...	...	...	...	...	28,020	For Intelligence Section. In charge.
...	...	19	7	...	...	...
...	...	14	1	9	...	...
...	...	...	...	...	...	...	40,260	
...		
...	...	45	4	...	...	...

