

NAMES AND NUMBER OF PERSONS EMPLOYED IN THE
COAST SURVEY.

LETTER

FROM THE

SECRETARY OF THE TREASURY,

TRANSMITTING

A report from the general disbursing agent of the Coast Survey, showing the number and names of persons employed on the Coast Survey.

JANUARY 5, 1858.—Laid upon the table and ordered to be printed.

TREASURY DEPARTMENT,
January 4, 1858.

SIR: I have the honor to transmit herewith a report from the general disbursing agent of the Coast Survey, Samuel Hein, esq., forwarded to this department by the Superintendent, showing the number and names of the persons employed upon that work during the last fiscal year, and business connected with it; the compensations paid, nature of occupation, and length of time during which the persons were employed; with a statement of all expenditures made under the direction of the Superintendent of the Coast Survey.

This report has been prepared in accordance with the provision of an act of Congress approved March 3, 1853.

With great respect, your obedient servant,

HOWELL COBB,
Secretary of the Treasury.

Hon. J. L. ORR,
Speaker of House of Representatives.

List showing the number and names of the persons employed in the Coast Survey during the fiscal year ending June 30, 1857, with the amount of compensation and time of employment; with a statement of all expenditures made under the direction of the Superintendent of the Coast Survey; prepared in pursuance of an act of Congress approved March 3, 1853, by Samuel Hein, general disbursing agent of the United States Coast Survey.

Names.	Amount of compensation	Time employed.
<i>Superintendent.</i>		
A. D. Bache.....	\$6,000 00	1 year.....
<i>Assistants.</i>		
Edmund Blunt.....	3,500 00	1 year.....
F. H. Gerdes.....	2,500 00	do.....
C. O. Boutelle.....	2,300 00	do.....
J. E. Hilgard.....	2,241 66	do.....
H. L. Whiting.....	2,041 66	do.....
John Farley.....	2,000 00	do.....
George Davidson.....	1,800 00	do.....
W. E. Greenwell.....	1,700 00	do.....
S. A. Gilbert.....	1,700 00	do.....
J. J. S. Hassler.....	1,500 00	do.....
C. P. Bolles.....	1,500 00	do.....
George W. Dean.....	1,500 00	do.....
George A. Fairfield.....	1,300 00	do.....
George D. Wise.....	1,200 00	do.....
A. W. Longfellow.....	1,200 00	do.....
A. M. Harrison.....	1,200 00	do.....
A. S. Wadsworth.....	1,200 00	do.....
John Seib.....	1,200 00	do.....
Hull Adams.....	1,200 00	do.....
R. M. Bache.....	1,100 00	11 months, to May 31, 1857.....
<i>Sub-Assistants.</i>		
Henry Mitchell.....	1,166 67	1 year.....
John Rockwell.....	166 67	2 months, July and August, 1856.....
Edward Goodfellow.....	1,000 00	1 year.....
A. F. Rodgers.....	1,000 00	do.....
W. M. Johnson.....	1,000 00	do.....
James S. Lawson.....	1,000 00	do.....
S. A. Wainwright.....	800 00	do.....
J. G. Oltmanns.....	800 00	do.....
S. C. McCorkle.....	800 00	do.....
J. A. Sullivan.....	800 00	do.....
Benjamin Huger, jr.....	750 00	do.....
George H. Bagwell.....	750 00	do.....
C. T. Iardella.....	750 00	do.....
Stephen Harris.....	750 00	do.....
M. Seaton.....	750 00	do.....
Charles Ferguson.....	600 00	do.....
W. S. Gilbert.....	250 00	5 months, February to June, 1857.....
<i>Artificer.</i>		
Thomas McDonnell.....	1,000 00	1 year.....

LIST—Continued.

Names.	Amount of compensation.	Time employed.
<i>Disbursing Agent.</i>		
Samuel Hein.....	\$2,500 00	1 year.....
<i>Clerks.</i>		
R. L. Hawkins.....	1,300 00	1 year.....
William S. McPherson.....	700 00	do.....
<i>Computers.</i>		
Charles A. Schott.....	1,541 66	1 year.....
L. W. Meech.....	1,500 00	do.....
Theodore Wernr.....	1,200 00	do.....
Eugenius Nulty.....	1,200 00	do.....
James Main.....	1,100 00	do.....
G. Rumpf.....	1,000 00	do.....
John Weissner.....	900 00	do.....
John T. Hoover.....	719 28	do.....
J. E. Blankenship.....	638 10	10 $\frac{2}{3}$ months.....
<i>Tide Computers and Temporary.</i>		
L. F. Pourtales.....	1,600 00	1 year.....
R. S. Avery.....	730 00	do.....
G. C. Blanchard.....	459 00	do.....
J. Kincheloe.....	199 60	4 $\frac{1}{2}$ months.....
C. Fendall.....	209 63	4 $\frac{3}{4}$ do.....
John Downs.....	300 00	6 do.....
C. M. Yulee.....	323 33	9 do.....
G. B. Vose.....	195 16	4 do.....
<i>Computer by contract.</i>		
R. Freeman.....	300 00	1 year.....
<i>Aids.</i>		
S. J. Hough.....	86 33	2 $\frac{1}{2}$ months.....
F. A. Lueber.....	470 40	1 year.....
Samuel Walker.....	519 00	do.....
J. S. Bradford.....	33 60	1 month.....
Joseph Whyte.....	482 22	1 year.....
C. B. Baker.....	316 20	6 months.....
J. L. Tilghman.....	225 54	6 do.....
Fred. F. Nes.....	102 27	2 do.....
F. W. Alexander.....	125 54	3 do.....
James Gillis.....	228 60	7 do.....
Robert Gibson.....	430 00	10 do.....
H. S. Duval.....	40 00	1 do.....
R. T. Bassett.....	215 60	5 do.....
B. E. Evans.....	90 00	3 do.....
P. R. Hawley.....	43 60	1 do.....
W. G. Williams.....	116 00	3 do.....
C. T. Murphy.....	83 10	2 $\frac{1}{2}$ do.....
W. H. Gardner.....	96 02	3 do.....
N. S. Finney.....	125 00	5 do.....
F. W. Dorr.....	175 00	7 do.....
Thomas Baltzell, jr.....	89 22	1 $\frac{1}{4}$ do.....
D. Hinkle.....	33 00	1 do.....

LIST—Continued.

Names.	Amount of compensation.	Time employed.
<i>Draughtsmen.</i>		
W. M. C. Fairfax.....	\$1,800 00	1 year.....
M. J. McClery.....	1,600 00	do.....
Joseph Welch.....	560 00	112 days.....
J. J. Ricketts.....	954 60	258 do.....
L. D. Williams.....	817 50	272 $\frac{3}{8}$ do.....
W. P. Schulz.....	854 00	311 do.....
W. T. Martin.....	640 62	256 $\frac{1}{2}$ do.....
A. Balbach.....	180 00	60 do.....
John R. Key.....	156 50	56 $\frac{7}{8}$ do.....
A. Lindenkohl.....	885 00	295 do.....
A. E. Hartman.....	305 00	122 do.....
F. Fairfax.....	486 19	277 $\frac{5}{8}$ do.....
B. Hooe, jr.....	390 27	291 $\frac{1}{2}$ do.....
W. Fairfax.....	353 95	283 $\frac{1}{4}$ do.....
P. Witzel.....	546 00	273 do.....
W. Wagner.....	342 00	171 do.....
Louis Daser.....	366 50	122 $\frac{1}{2}$ do.....
Albin Schoepf.....	95 72	252 hours.....
E. Cordell.....	24 00	8 days.....
Thomas Kolechi.....	54 00	18 do.....
Arnold Hoepner.....	60 00	20 do.....
M. O. Herring.....	30 00	20 do.....
H. McCormick.....	115 83	231 $\frac{3}{8}$ do.....
Samuel B. Linton.....	65 00	108 $\frac{3}{8}$ do.....
<i>Drawing by contract.</i>		
S. B. Linton.....	91 25	.....
Leonard Machall.....	38 58	.....
F. D. Stewart.....	170 32	.....
M. O. Hering.....	15 00 $\frac{1}{2}$	.....
W. T. Bright.....	88 25	.....
James W. Baggett.....	75 00	.....
H. Lindenkohl.....	135 00	.....
Ellet Browne.....	115 00	.....
<i>Engravers.</i>		
George McCoy.....	2,000 00	1 year.....
John Knight.....	1,783 32	do.....
F. Dankworth.....	1,783 32	do.....
A. Rollé.....	1,783 32	do.....
A. Blondeau.....	1,500 00	do.....
A. Sengteller.....	1,500 00	do.....
J. Enthoffer.....	1,125 00	9 months.....
J. V. N. Throop.....	1,452 48	2,296 $\frac{1}{2}$ hours.....
A. Maedell.....	1,372 42	2,589 $\frac{1}{2}$ hours.....
G. B. Metzgeroth.....	1,173 75	313 days.....
J. C. Kondrup.....	1,016 50	298 days.....
H. S. Barnard.....	1,127 50	3 months and 235 days.....
W. Langran.....	969 35	71 $\frac{7}{8}$ days and 1,713 hours.....
J. J. Knight.....	532 40	237 $\frac{1}{2}$ days.....
A. Petersen.....	829 78	311 $\frac{3}{8}$ days.....
W. Ogilvie.....	858 38	285 $\frac{7}{8}$ days.....
A. E. Maedell.....	205 33	3 months.....

LIST—Continued.

Names.	Amount of compensation.	Time employed.
<i>Engravers' apprentices, and Temporary.</i>		
S. W. Bradley	\$502 00	9 $\frac{3}{8}$ months and 56 days
R. F. Bartle	437 00	9 months and 51 days
F. W. Benner	275 00	1 year
W. A. Thompson	240 00	do.
Wm. Rose	66 45	3 $\frac{1}{2}$ months
C. W. Tyler	373 33	1 year
Edward H. Sipe	50 00	3 months
<i>Engraving, by contract.</i>		
S. W. Bradley	13 65	.....
W. Philips	95 83	.....
<i>Printers.</i>		
S. D. O'Brien	1,065 00	312 days
John Rutherfordale	624 00	do.
<i>Laborer.</i>		
John Barrett	391 25	313 days
<i>Map room.</i>		
V. E. King	780 00	1 year
Francis Holden	547 75	313 days
R. C. Copeland	20 00	10 days
<i>Instrument makers.</i>		
J. Veirbuchen	1,200 00	1 year
Thomas J. Hunt	802 75	308 $\frac{3}{4}$ days
D. Reinkin	589 00	294 $\frac{1}{2}$ days
J. Nessensen	586 50	293 $\frac{1}{4}$ days
J. W. Smith	561 50	280 $\frac{1}{4}$ days
R. Schellhaus	483 84	276 $\frac{1}{2}$ days
J. R. Cronin	465 90	266 $\frac{1}{4}$ days
<i>Apprentices.</i>		
George W. Hitz	424 87	283 $\frac{1}{2}$ days
Peter Vierbuchen	299 50	299 $\frac{1}{2}$ days
<i>Electrotypists.</i>		
George Mathiot	2,000 00	1 year
R. W. Patterson	476 00	11 months
H. B. Mathiot	11 47	8 days
<i>Laborer.</i>		
George Curtis	438 00	365 days
<i>Carpenters.</i>		
A. Yeatman	782 50	313 days
Henry Trine	594 00	297 days

LIST—Continued.

Names.	Amount of compensation.	Time employed.
<i>Apprentice.</i>		
R. H. Yeatman.....	\$139 25	278 days
<i>Archives.</i>		
C. B. Snow.....	1,100 00	1 year
<i>Clerks.</i>		
W. W. Cooper.....	1,400 00	1 year
A. W. Russell.....	1,400 00	do.....
Edward Wharton.....	1,200 00	do.....
G. A. Porterfield.....	1,100 00	do.....
Fred. Whyte.....	1,000 00	do.....
Hugh McHenry.....	795 00	do.....
G. S. Tansill.....	720 00	do.....
<i>Miscellaneous, copying by the piece.</i>		
A. M. Smith.....	300 00	.....
<i>Messengers.</i>		
Daniel Flynn.....	600 00	1 year
Thomas Kenney.....	525 60	do.....
W. B. Ingram.....	438 00	do.....
Sampson Nutter.....	438 00	do.....
C. Kraft.....	420 00	do.....
John Mitchell.....	331 20	do.....
R. A. Cronin.....	144 00	8 months.....
W. T. Bright.....	80 00	4 months.....
W. H. Brent.....	20 00	1 month
<i>Temporary.</i>		
John H. Diggs.....	348 00	290 days
<i>Watchman.</i>		
B. Neff.....	525 60	1 year
<i>Engaged on preparing records for publication.</i>		
W. L. Nicholson.....	1,000 00	1 year
M. Walker.....	397 80	306 days
A. S. Clements.....	427 50	284½ days
S. Walker.....	115 20	3 months.....
J. T. Hoover.....	250 56	696 hours
M. O. Hering.....	362 50	10 months.....
E. P. Jones.....	275 86	8 months.....
R. E. Halter.....	41 60	1 month
John Downs.....	300 00	6 months.....
George B. Vose.....	150 00	3 months.....
A. W. Thompson.....	99 60	do.....
Eliab H. Wells.....	17 40	½ month

The following persons have been employed with authority of the Secretary of the Treasury, under article 1, par. 5, of plan of reorganization of the survey of the coast.

Names.	Amount of compensation.	Time employed.
B. A. Gould, jr.....	\$1,500 00	1 year.....
Benjamin Pierce.....	1,500 00	do.....
J. M. Batchelder.....	1,200 00	do.....
Wm. C. Bond.....	600 00	do.....
W. Mitchell.....	150 00	do.....

Statement of the Coast Survey expenditures in fiscal year 1856-'57, in order of sections of coast, and of operations in each section.

	1856.		1857.		Total year.	Total section.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
SECTION I.						
1. Triangulation, astronomical, &c.....	\$5,947 25	\$2,811 71	\$1,107 63	\$1,230 02	\$11,096 61	\$31,978 06
2. Topographical work.....	2,724 40	957 68	-----	473 93	4,156 01	
3. Hydrography, including tides.....	8,222 75	4,879 28	2,270 63	1,352 78	16,725 44	
SECTION II.						
1. Triangulation, &c.....	2,129 97	1,008 51	1,008 51	1,156 85	5,303 84	16,993 40
2. Topographical.....	778 43	779 87	500 00	1,308 94	3,367 24	
3. Hydrography, &c.....	2,168 77	2,907 90	401 03	2,844 62	8,322 32	
SECTION III.						
1. Triangulation, &c.....	1,485 70	1,929 06	638 51	2,854 70	6,907 97	20,000 90
2. Topographical work.....	2,744 70	1,463 22	1,547 21	1,479 57	7,234 70	
3. Hydrography, &c.....	2,110 67	1,219 90	683 76	1,843 90	5,858 23	
SECTION I TO III.						
Gulf hydrography.....	-----	300 35	3,542 52	703 15	4,546 02	4,546 02
SECTION IV.						
1. Triangulation, &c.....	508 50	2,087 70	1,661 54	1,352 40	5,610 14	18,897 86
2. Topographical, &c.....	300 00	3,500 00	2,673 59	1,345 33	7,818 92	
3. Hydrography, &c.....	-----	1,170 00	3,104 13	1,194 67	5,468 80	

PERSONS EMPLOYED IN THE

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SECTION V.						
1. Triangulation, &c.....	1,083 00	3,159 07	7,173 88	4,579 75	15,995 70	
2. Topographical.....	1,080 35	2,817 87	2,759 68	2,181 86	8,839 76	
3. Hydrography.....	527 00	806 33	3,155 43	1,755 25	6,244 01	31,079 47
SECTION VII.						
1. Triangulation, &c.....	792 02	1,455 26	2,078 04	3,559 39	7,884 71	
2. Topographical.....	600 00	2,503 78	3,874 53	3,832 75	10,811 06	
3. Hydrography.....	697 32	81 80	-----	2,596 71	3,375 83	22,071 60
SECTION VIII.						
1. Triangulation.....	283 50	2,814 16	2,948 87	2,172 19	8,218 72	
2. Topographical.....	542 97	1,250 00	2,048 90	1,674 70	5,516 57	
3. Hydrography.....	751 25	6,380 38	676 31	583 93	8,391 87	22,127 16
SECTION IX.						
1. Triangulation, &c.....	903 49	828 73	2,150 37	2,363 15	6,245 74	
2. Topographical.....	425 00	425 00	1,332 34	1,462 89	3,645 23	
3. Hydrography.....	1,927 30	1,798 38	712 22	778 20	5,216 10	15,107 07
Telegraphic operations in the several sections.....						10,993 60
Chronometric operations.....						1,000 00
Purchase of instruments.....						1,991 38

COAST, SURVEY, ETC.

Recapitulation of field expenditures.

Section	I.....	\$31,978 06
	II.....	16,993 40
	III.....	20,000 90
I to	III.....	4,546 02
	IV.....	18,897 86
	V.....	31,079 47
	VII.....	22,071 60
	VIII.....	22,127 16
	IX.....	15,107 07
Telegraphic operations	.....	10,993 60
Chronometric operations	.....	1,000 00
New instruments	.....	1,991 38
		<u>196,786 52</u>

Work of reducing, drawing, engraving, printing maps, electrotyping, and materials, &c., and general office work.

Computations, tidal, &c.....	\$9,690 19
Drawing and materials.....	7,116 89
Engraving and materials.....	15,132 90
Electrotyping and materials.....	3,901 41
Printing and materials.....	2,564 99
Instrument makers, repairs and materials.....	3,710 94
Carpenters and materials.....	1,127 98
Archives and library.....	2,459 16
Map room, folder.....	603 25
Messengers and watchman.....	2,241 20
Sappers, special duty.....	91 25
Disbursing.....	1,250 00
Rent of office.....	1,708 08
Fuel—wood, oil, candles.....	1,345 89
Stationery, blank books, binding, &c.....	2,189 97
Express and other transportation and telegraph messages.....	1,272 61
otyping records, &c.....	135 66
Repairs of office furniture, stoves, cleaning chimneys, outhouses, and all other not included in the above.....	2,618 92
	<u>59,161 29</u>

GENERAL RECAPITULATION.

Field expenditures.....	\$196,786 52
Office expenditures.....	59,161 29
Total fiscal year.....	<u>255,947 81</u>

Expenditures for the survey of the western coast, fiscal year 1856-'57.

<i>Field expenses.</i>		
Triangulation, astronomical, and topographical party ----	\$20,004 38	
Triangulation party -----	12,741 94	
Topographical party -----	13,310 67	
Tidal party -----	2,229 00	
Hydrography, steamer "Active." -----	26,206 30	
New instruments -----	1,386 40	
Total field expenses -----		\$75,878 69
<i>Office expenses.</i>		
For computations, tidal, &c. -----	5,105 00	
For drawing -----	2,984 60	
For engraving -----	7,632 97	
For printing maps -----	624 00	
For clerks and copyists -----	1,500 00	
For instrument makers -----	1,572 87	
For carpentry -----	733 25	
For messengers -----	959 60	
For disbursing -----	2,550 00	
For rent -----	486 25	
For fuel, oil, and wood -----	601 37	
For stationery, blank books, and drawing materials -----	1,845 68	
For office expenses, assistant in charge -----	940 18	
For express transportation and all other contingents -----	405 32	
Total office expenses -----		27,941 09
Total expenditures -----		103,819 78

*Expenditures for survey of the Florida reefs and keys, fiscal year
1856-'57.*

Astronomical and triangulation	\$6,032 29	
Topographical	7,866 53	
Hydrography	9,156 43	
Tides	1,878 60	
Instruments	1,103 27	
Field expenditures		\$26,037 12
<i>Office expenditures.</i>		
Computations, tidal, &c	2,066 30	
Drawing	3,724 08	
Engraving	3,261 90	
Electrotyping	270 67	
Instrument making and repairs	783 34	
Clerks, &c	1,100 00	
Messengers	669 60	
Disbursing	700 00	
Stationery, blank books, binding, drawing materials, &c..	1,096 85	
Rent	300 00	
Fuel, oil, &c	350 00	
Express transportation and contingent	54 72	
		14,377 46
Total expenditure		40,414 58

The following expenditures for special surveys, &c., have been made under the direction of the Superintendent of the Coast Survey during the fiscal year 1856-'57.

For continuing the survey of the islands off the coast of California	\$29,652 55
For continuing the survey of the keys off the coast of Florida	31,661 29
For running a line to connect the triangulation on the Atlantic coast with that on the Gulf of Mexico, across the Florida peninsula	15,241 42
For publishing the observations made in the progress of the survey of the coast of the United States	13,332 08
For repairs and alterations of steamers "Hetzel" and "Active" and of sailing vessels employed in the Coast Survey	15,000 00
For fuel and quarters, and for mileage and transportation for officers and enlisted soldiers of the army serving in the Coast Survey, in cases no longer provided by the quartermaster's department	5,627 45

SAML. HEIN,
General Disbursing Agent Coast Survey.

COAST SURVEY OFFICE, December 23, 1857.

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