

EXPENDITURE.

APPENDIX No. 1.—This appendix is a succinct statement, by the accountant of the department, of the expenditure on the various services during the fiscal year.

GEODETIC LEVELLING.

Part II of this report is a continuation of Mr. R. Steckel, C. E.'s report, respecting the determination of the water line along the River St. Lawrence, between the cities of Montreal and Quebec. The field work, including tide and river gauging, and levelling operations, in connection with the geodetic levelling of the River St. Lawrence, was commenced in 1885 and completed in 1888. Prior to 1889 Parliament made three special appropriations, amounting in the aggregate to \$8,000, for this work. The technical office work, however, was performed in this department by employes under the direction and superintendence of Mr. Steckel, who attended thereunto in addition to his other office duties.

Remarks on Mr. Steckel's work by the acting chief engineer of the department will be found with the report, in Part II.

GRAVING DOCKS.

ESQUIMALT GRAVING DOCK.—A report on the operations of this dock will be found in Appendix No. 3, page 93.

KINGSTON GRAVING DOCK.—This work was nearly completed at the end of the fiscal year. (See Appendix No. 3, Page 87.)

LEVIS GRAVING DOCK.—This dock was under the control of the Quebec Harbour Commissioners until October, 1890, when the department assumed the management thereof. Since then some necessary improvements were supplied and the dock kept in good order. (See Appendix No. 3, page 78.)

The dimensions of the graving docks in Canada are as follows, viz. :—

Names of Docks.	Length.	Width at Coping Level.	Width at Entrance.	Width at bottom.	Water on Sills at Ordinary Spring Tides.	Spring Tides rise.	Neap Tides rise.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
Esquimalt graving dock.....	430	90	65	41	26½	7 to 10	5 to 8
Halifax do	585	102	89½	72	30	6	3
Kingston do	280	79	55	47	15½	*
Lévis do	495	100	62	73	25½	18	13

* Height of water varies 3½ feet.

A statement giving the names, salaries, &c., of persons employed on the graving docks is annexed in Appendix No. 13, page 193.

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