

APPENDIX.

DIGEST OF OBSERVATIONS OF 1914 AND 1915, AND SYNOPSIS OF RESULTS
DEDUCED FROM THEM.

COLLINSON POINT. North coast of Alaska.—The ranges given are the mean of the four consecutive differences between high and low water, which give the greatest or least averages at Springs and Neaps respectively. The time was local; and though the time errors were not noted, it was approximately correct throughout. Values in brackets are from incomplete observations.

Date, 1914.	Tide.	Range.		Date, 1914.	Moon.	Moon's Transit.	Luni-tidal interval.
		Springs	Neaps.				
		Feet.	Feet.				H. M.
Jan. 18	Neaps		0.37	Jan. 21	New	Lower	0 : 46
" 27	Springs	0.62		" 25	"	Upper	0 : 31
Feb. 5	Neaps		0.21	" 26	"	Lower	0 : 12
" 10	Springs	0.60		" 26	"	Upper	- 12
" 17				Feb. 9	Full	Lower	0 : 24
" 26	Springs	0.62		" 10	"	Upper	0 : 04
Mar. 6	Neaps		0.19	" 10	"	Lower	0 : 02
" 13	Springs	0.65		Feb. 24	New	Upper	
" 21				" 26	"	Lower	0 : 11
" 30	Springs	0.58		Mar. 10	Full	Upper	0 : 47
April 4	Neaps		0.35	" 11	"	Lower	0 : 26
" 10	Springs	0.55		" 12	"	Upper	0 : 21
May 3	Neaps		0.19	" 12	"	Lower	0 : 06
Mean		0.60	0.26	Establishment			0 : 18

MARTIN POINT. North coast of Alaska.—Observations for three days only, at Neap tides, March 19 to 21. Time not reliable, being carried from Collinson point and not checked on return. Observations being at Neaps, do not give the Establishment.

Neap range March 20, determined as before, 0.29 foot.

DEMARCATON POINT. At Alaska boundary.—Observations for four days, at Spring tides, May 9 to 12. The range given is the mean of the four consecutive differences between high and low water, which give the greatest average at the Springs. The time was carried from Collinson point, and checked on return, after a month. It is thus quite reliable, and is reduced to Local time by allowing difference of longitude.

Date, 1914.	Rise or Fall.	Differ- ence of Level.	Mean Spring Range.	Date, 1914.	Moon.	Moon's Transit.	Luni-tidal interval.
		Feet.	Feet.				H. M.
May 9	Fall	0.54		May 9	Full	Upper	
" 10	Rise	1.03		" 9	"	Lower	11 : 59
" 10	Fall	0.93		" 10	"	Upper	12 : 14
" 10	Rise	0.38		" 10	"	Lower	12 : 35
			0.72	" 11	"	Upper	12 : 10
				Establishment			12 : 14