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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *Washington*

DESCRIPTIVE REPORT.

Topog Sheet No. *2921*

LOCALITY:

Sinclair Inlet
Port Orchard

1909

CHIEF OF PARTY:

H. C. Benson

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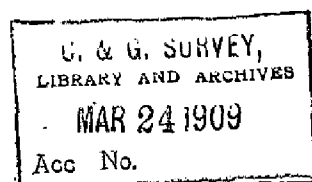
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Department of Commerce and Labor
COAST AND GEODETIC SURVEY



DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET OF SINCLAIR INLET.

February, 1909.

Asst. H.C.Denson, Chief of Party.

Topography by Asst. Eoline R. Hand.

As my orders called for the trigonometric location of a number of points, church spires, etc. in Bremerton and the adjacent cities, the first work was the recovery and occupation of four triangulation stations but when this was done and the positions of intersection points computed there was noticed a small discrepancy between the computed positions and their checks* and these errors were consistent throughout; as the geodetic co-ordinates of the furnished triangulation ~~signal~~ positions were probably correct it was assumed that one of the station marks had been slightly moved.

"Mitchell 3" was the station most in doubt as the mark, a very light stone with drill hole, was found, half exposed, in shifting sand point whereas the description has it over one foot underground.

A cement pier 2.5' x 0.9' x 0.9' was placed here with its triangulation ^{mark} ~~signal~~ in precisely same lateral position as drill hole of mark which I removed; a new position of "Mitchell 3" was determined and called "Mitchell 4" and through "Barge 2" a triangulation signal I established new lengths and azimuths for the lines "Sulphur 2-

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- Mitchell 3 (4)" and "Field 2-Mitchell 3(4)". With this new data the positions and their checks* agreed much better.

The topography was based on the triangulation points furnished; the traverse was carried into head of Inlet by plane table triangulation and gaps filled in by auxiliary traverses. Sufficient streets were located to tie in the plats furnished by the town authorities and it is worth noting that the towns of Charleston and Bremerton now meet, the common line running North from Navy Yard. The Bremerton line runs North to water and the two Charleston lines meander off to N.W. in a succession of angles until they reach the body known locally as Oyster Bay. There has been absolutely no change in the town plat of Sidney and no new town survey.

Sidney is now known as Port Orchard: the Post Office is called Port Orchard and although legal papers, tax receipts, etc. are made out Sidney, the name popularly used is Port Orchard. It has a population of about 800, is quite a dairying centre, and is county seat of Kitsap County. A short distance East of this town is the new state Soldiers' Home now building: two buildings are now standing and it is intended during the summer to erect eighteen cottages.

Manette, on Point Herron, is not incorporated: it has about 300 people. Bremerton has about 3000, though some claim a much larger figure. A fleet of four steamers gives frequent service between these towns and Seattle.

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Special attention was given to the running in of the Navy Yard, its buildings and waterfront. The proposed seawall and the new drydock were obtained through the courtesy of the Captain of the Yard. The Ericksen Company has the contract under way, for which \$2,000,000 were appropriated: the time for completion is three years.

The country around the head of the Inlet is not such as lends itself to careful contouring: it is heavily wooded, mostly fir and madrona, interspersed with spruce, hemlock and cottonwood. There are no well defined hills, the country rising more or less boldly to 200 and 300 ft. then a gradual slope, almost a table land, back to the foothills of the Olympics: here and there tops of conspicuous trees were located and heights determined, then heights of trees estimated.

Coline R. Kent.

Asst. C. & G. S.

* Each intersection point was computed from two lines in two adjoining triangles: using positions of "Mitchell 3" the two obtained from one triangle checked but differed by about .04" to .07" from two positions obtained through adjoining triangle, but with new value, "Mitchell 4", all four values agreed.

CRH