

3760

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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State: <i>Florida</i>	
11-5413	
DESCRIPTIVE REPORT.	
Topo-	Sheet No. <i>3760</i>
LOCALITY:	
<i>Miami, Florida</i>	
<i>Southern part of</i>	
<i>Key Biscayne</i>	
<i>Bay</i>	
191 <i>9</i>	
CHIEF OF PARTY:	
<i>Harry Leyboldt H. G. E.</i>	

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

(Continued Sheet)

To accompany Topographic Sheet Number---**3760**

To the Superintendent-

In accordance with orders to Harry Leypoldt, Chief of Party, dated Nov. 26, 1918, a topographic survey was made of the shores of Key Biscayne Bay, Southern portion.

Limits

The work on this sheet embraces the southern part of Key Biscayne Bay, along the shoreline from Elliotts Beach south to and beyond Cutler, and the southern portion of Key Biscayne.

Control.

The control for the survey was from triangulation conducted in 1908 by C.V. Hodgkins. The signals used for the initial locations being Cape Florida, (old tower), Elliotts Beach, Fowey Rocks Light, and Key Biscayne Bay Channel Light.

Methods.

The survey was made by plane table. From Cape Florida a traverse was run along the outside and inside shores of Key Biscayne, and two check traverses run across roads on the key.

From Elliotts beach south to Cutler signals were located by resection from Cape Florida and Key Biscayne Bay Channel Light, and the shoreline run in from these.

Discrepancies.

In the shallow cove just south of Elliotts Beach two small inlets shown on the chart could not be seen from the table, and were not reported by the rodmen. Probably closed up by mangrove.

South of Shoal Point, the winding inlet as shown on the chart, was not reported by the rodmen, and the point was not further examined.

At the southern limit of the work, the location became very weak, having been brought along by plane table from Elliotts Beach with the only signals in sight lying off the table. Therefore the location of the shoreline should in case of doubt be taken from previous work, and details from this sheet.

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General Description.

This sheet is somewhat lacking in detail, as the land near the shore has not been as extensively ^{improved} as that farther north.

At Cutler a Gunnery School is under construction. Numerous buildings are being located on the reservation on each side of the road, and on the swampy flat between the road and the shore extensive dredging is being carried on. The most conspicuous object here is a large white tank, which shows distinctly from points in the bay south of Shoal Point.

Northward from the Gunnery school the main travelled road branches inland and runs straight to Larkin, thence north to Coconut Grove. The road along shore is in poor repair, not metalled, and is little used.

A sand shoal extends along the greater portion of the shore from Elliotts Beach south to Shoal Point, enclosing slightly deeper water next to the shore. The small bays are slowly filling in behind this shoal.

The central part of Key Biscayne is extensively improved. Numerous private roads exist. Rows of Australian pines divide the land into squares, and in between are orchards and general cultivation. At Cape Florida the grove of coconut palms forms a distinctive feature.

Miscellaneous Notes

Soldier Key was not surveyed, as no change has taken place since previous work.

From lack of time the road between the Gunnery school and Coconut Grove was not surveyed.

E. M. Wilber

Respectfully submitted,

Aid.