

6152

U. S. COAST & GEODETIC SURVEY  
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Form 504  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. 6152  
~~Hydrographic~~

Control Sheet "M"

State Florida

LOCALITY

Florida Keys  
Broad Creek to Carvsfort Reef

1934

CHIEF OF PARTY

HAROLD A. COTTON

6152

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 6152

TOPOGRAPHIC TITLE SHEET

HYDROGRAPHIC CONTROL SURVEY

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. M

REGISTER NO. 6152

State Florida

General locality Florida Keys

Locality Broad Creek to Cargisfort Reef

Scale 1:20,000 Date of survey 1934

Vessel

Chief of Party H.A.Cotton

Surveyed by

Inked by

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated 192

Remarks: Title sheet executed in office. None received from the field.

REPORT

to

ACCOMPANY

TOPOGRAPHIC SHEET "M"

6152

Sheet "M" was used primarily as a control sheet. Cuts to beacons and signals which were secured with a theodolite were plotted on the sheet to locate signals and beacons for boat sheet control prior to the completion of computations. After completion of computations the computed positions were plotted on the sheet. Those computed are as follows: Beacons #1, #25, #27, #29, #1 Turtle Harbor, #2 Turtle Harbor, #3 Turtle Harbor, #4 Turtle Harbor, stations LAST and MID. The position of station NEXT was not computed. It is located by the intersection of three cuts, two cuts being secured with a theodolite from ANGELFISH and CARYSFORT REEF L.H. respectively and a third cut with a sextant from Beacon #25. Its position was checked by a sextant fix at the station. This station is unmarked. For location of station NEXT see "List of Directions" for CARYSFORT REEF L.H. and ANGELFISH and cut book for Hydro Sheet No. 5578 (H. A. Cotton No. 4 - 1934). → Vol 16

Signal LAST is in three feet of water and its position was impossible to mark. A new point called MUD was determined by theodolite cut and distance. It is marked with a standard hydrographic disc. \*

Station MID is also marked with a standard hydrographic disc. \*

Rock in approximate Latitude  $25^{\circ} 16.1$ ; Longitude  $80^{\circ} 17.05$  was located with a sextant fix.

There are no land marks of any prominence on this sheet.

Respectfully submitted,

*Harold A. Cotton*  
Harold A. Cotton, Lieut. Comdr.  
Chief of Party.

\* Form 524, Description of Recoverable Hydrographic or Topographic Station, accompany this report.