DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

6. & 8. SURVEY L. & A.
MAY 6 1930

State: Florida

DESCRIPTIVE REPORT
ABNC 4440a
Sheet No. 4441a
Hydrographic 4442a

LOCALITY
East Coast, Cape Canaveral
Mosquito Lagoon 4440a
Mosquito Lagoon to DeSoto Beach 4441a
DeSoto Beach to Cocoa Beach 4442a

1929

CHIEF OF PARTY
E.A. Daily
Graphic Control

SHORE PARTY

EAST COAST OF FLORIDA

Graphic Control

Descriptive Report

To Accompany Topographic Sheets

"A" "B" "C"

Earle A. Daily


Chief of Party
DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEETS

"A" - "B" - "C"

EAST COAST OF FLORIDA

TURTLE MOUND TO COCOA BEACH
Authority:

The authority for the work embraced by these sheets was embodied in the instructions of the Director to Lieutenant (j.g.) Earle A. Deily, dated December 4, 1928, and in the instructions to the Commanding Officer, U.S. Coast and Geodetic Survey Ship "LYDONIA", dated December 3, 1928.

Purpose:

The general purpose of the work in sheet "A" was to make a connection with the work of the previous year, to locate sufficient signals for hydrographic work along that section of the coast, to locate the shore line, and to give measurements and an accurate delineation of the topography adjacent to marked stations so that the control points for the Aero-Photographs of this section could be readily spotted on the pictures.

Sheets "B" and "C" were executed with like purpose except for item one.

General Description of the Coast:

The general appearance of the coast from off-shore is a low sand beach backed by a equally low line of trees.

There are no sand dunes of any height on Sheet "A";

There is a ridge of sand dunes on sheet "B" between latitudes 28 - 39 and 28 - 41. The dunes have an average height of approximately 25 feet and rise fairly steeply from the high-water line.

A low ridge of sand dunes with an average height of 10 feet extends along the coast from the south end of sheet "C" to latitude 28° - 22°.
The back area in general on all sheets is covered
with a dense growth of scrub palmetto;!

There are few land marks along this section of the
coast which show an appreciable distance off-shore. A list is
attached to this report!.

Control:

The control for all of the topography was furnished
by triangulation of third order accuracy. Where no old
stations could be recovered new stations were established with
like accuracy.

Traverses:

A topographic traverse was run with the plane table
from triangulation station Deer 1928 northward to triangulation
Bear and then on to topographic station Unis. Frequent resections
on stations on the opposite side of the Mosquito Lagoon
were possible so that no final adjustment was necessary for
this section.

A plane table traverse was run between triangulation
stations Chester 1929 and Goon 1929 and closed within the
allowable discrepancy and was adjusted on the sheet.

Topographic Station End was located by the last
mentioned traverse. A steel tape traverse was measured
westward along the Titusville - Beach road from a point "A"
just north of Station End to the intersection of that road
with the one leading northward to Allenhurst. A plane table
resection was made at point "C" on this traverse (see sheet
"B") using signals Chester 1929, End, and Goon 1929. The
scaled distance "A" to "C" was checked by the tape measure-
ment and thus giving an additional check on the traverse
Chester 1929 to Goon 1929. The azimuth of this road has
been laid down on sheet "B" but the traverse has not been
completely plotted. Measurements were made with a 300' steel tape.

A 300' steel tape traverse was measured westward
along the main road beginning at point "B" (see sheet "C") at Canaveral Beach and ending at the high-water line of the
Banana River. This traverse was primarily for photo-control.
The azimuth line is laid down on the sheet but no distances
have been plotted.
A short plane table traverse was run westward along the main street of Canaveral Harbor to its intersection with the main north and south road. This was also for photo-control.

Supplemental Work:

A small amount of topography was run at all recovered and new stations on Mosquito Lagoon and Banana River in order to be able to spot them on the photographs.

New Names:

The following new names are shown on the sheets and are those generally used in the vicinity:

- De Soto Beach  
  Lat. 28 - 32  
- Canaveral Beach  
  Lat. 28 - 29  
- Canaveral Harbor  
  Lat. 28 - 26  
- Cocoa Beach  
  Lat. 28 - 19

Changes in Coast Line:

The south side of False Cape appears to have built up considerably. All of the hydrographic signals from Soto 1929 to Chester 1929 when taken from the topographic sheet and plotted on the chart (No. 161) of this section fell outside the high-water line as shown on that chart. This may be distortion of the chart. A definite check on the accuracy of the present work was given by the recovery of station De Soto 1876 in correct azimuth and stadia distance from triangulation station Cap.

Changes were noted at the south side of the point of Cape Canaveral. Residents report that there are considerable changes with each storm but that the Cape as a whole is building up. The old lighthouse was supposed to be near the high-water line and in danger of washing away. It was therefore moved to its present position. The foundation of the old lighthouse is now 63 meters inshore from the high-water line.
Magnetic Declination:

Determinations of magnetic declination with the declinatoire were made on each sheet and were found to be in quantity as follows:

Sheet "A", At triangulation station "Bear", February 5, 1929;
N 00 41 E

Sheet "B"  At triangulation station "Cap", May 30, 1929, 10:10 am.
N 01 16 E

Sheet "C"  At triangulation station "Real", May 27, 1929, 12:00 noon.
N 00 55 E

At triangulation station "Midway" May 22, 1929, 10:00 am
N 01 33 E

Magnetic Declination with the declinometer was measured at station Cap on May 30, 1929 and was found to be:
N 00 54 E

The declinatoire used is in very poor condition which may account somewhat for the range shown above.

Personnel:

The personnel of the party consisted of the following:

Lieut.(j.g.)  Earle A. Deily, Chief of Party and topographer.

Four enlisted men from the Str. LYDONIA:

C. L. Boulderson, Sea., a.b., truck driver.
Raymond Shannahan, Sea., a.b., rodman
Patrick J. Butler, Sea., a.b., rodman
Robert Ellis,    Sea., a.b., Umbrella.
The first two mentioned seamen rendered exceptionally good service.

Cost Data:

No exact figures can be given as to the actual cost of the topography as the party was also engaged in triangulation and signal building for hydrography and all of the work was carried forward simultaneously. The apportionment shown here has been made with regard to the number of days actually spent in topographic field work.

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
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<td><strong>Total</strong></td>
<td><strong>613</strong></td>
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</table>

Cost per statute mile of shore line $13.04

Cost per statute mile of shore line, including rivers, etc. $9.37

Thru:  

[Signature]

Commanding Officer, U.S.C.G.S. LYDONIA

Respectfully submitted:

[Signature]

Earle A. Deily, Lieut.(j.g.), U.S.C.G. C.S.
Chief of Party

The work on the three charts conforms to the general and specific instructions.

4440 A covers almost identically the same area as T. 4345, the reason for the duplication being explained in para. 2 of the last report. There is a continuous dotted line parallel to and inside the high water line on 4442 A. The meaning of this line is not clear, but it is interpreted as the base of the sound hence forming a storm high water line.

The charts of the sounding and sampling are excellent and no further surveying is required.

E. C. Elice, July 1930
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**RECONNAISSANCE, for triangulation or traverse:**
- Length of scheme in statute miles.
- Area in square statute miles.
- Number of points selected for main scheme.

**BASE LINES:**
- Names and lengths of, in statute miles.

**TRAVERSE:**
- Length of, in statute miles.
- Principal stations occupied for horizontal measures, number of.
- Supplementary stations occupied for horizontal measures, number of.
- Geographic positions determined, total number of.

**TRIANGULATION:**
- Length, along axis of arc.
- Area, in square statute miles.
- Signal poles erected, number of.
- Signals built, number of.
- Signals built, aggregate height of.
- Stations in main scheme occupied for horizontal measures, number of.
- Stations in supplemental schemes occupied for horizontal measures, number of.
- Stations occupied for vertical measures, number of.
- Geographic positions determined, total number of.
- Elevations determined trigonometrically, number of.

**LEVELING:**
- Permanent bench marks established, number of.
- Secondary bench marks established, number of.
- Lines of leveling, length of, in statute miles.

**LATITUDE, LONGITUDE, AZIMUTH, AND GRAVITY:**
- Latitude stations occupied, names of.
- Longitude differences, precise, number of, and names of stations.
- Azimuth stations, names of.
- Gravity stations occupied, names of.
### Magnetic Work:

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<th>Fiscal year beginning July 1, 1928</th>
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<td>New primary stations, number of</td>
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<td>Old stations reoccupied, number of</td>
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<td>New stations in old localities, number of</td>
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<td>Meridian lines established, number of</td>
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<td>Observations at sea, number of results</td>
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<tr>
<td>Ship sways, number of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course observations, number of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Observatory work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Absolute observations, number of days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetograph in operation, number of days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seismograph in operation, number of days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meteorological observations, number of days</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Topography:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fiscal year ending June 30, 1927</th>
<th>Fiscal year beginning July 1, 1928</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area surveyed in square statute miles</td>
<td>46.7</td>
<td></td>
</tr>
<tr>
<td>Length of detailed shore-line in statute miles</td>
<td>18.7</td>
<td></td>
</tr>
<tr>
<td>Length of shore-line of rivers in statute miles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of shore-line of creeks in statute miles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of shore-line of ponds in statute miles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of roads in statute miles</td>
<td>126</td>
<td></td>
</tr>
<tr>
<td>Topographic sheets finished, number of</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Topographic sheets, scales of</td>
<td>1: 20,000</td>
<td></td>
</tr>
</tbody>
</table>

**Topographic sheets, limits and localities:**
- Fiscal year ending June 30, 1927: **Turtle Mound, latitude 28° 54' to Cocoa Beach, latitude 28° 19'**
- Fiscal year beginning July 1, 1928: **Turtle Mound, latitude 28° 54' to Cocoa Beach, latitude 28° 19'**

### Hydrography:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fiscal year ending June 30, 1927</th>
<th>Fiscal year beginning July 1, 1928</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area dragged, in square statute miles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area sounding in square statute miles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of miles (statute) run while sounding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of positions determined (double angles)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of positions determined (wire drag)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of soundings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of tidal stations established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of specimens of bottom preserved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current stations, number of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrographic sheets finished, number of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrographic sheets, scales of</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HYDROGRAPHY—Continued:

Hydrographic sheets, limits and localities of:

<table>
<thead>
<tr>
<th>Fiscal year ending June 30, 192</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiscal year beginning July 1, 192</td>
</tr>
</tbody>
</table>

PHYSICAL HYDROGRAPHY:

<table>
<thead>
<tr>
<th>Fiscal year ending June 30, 192</th>
<th>Fiscal year beginning July 1, 192</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of soundings on cross-sections</td>
<td></td>
</tr>
<tr>
<td>Current stations, number of</td>
<td></td>
</tr>
<tr>
<td>Deep-sea current stations, number of</td>
<td></td>
</tr>
<tr>
<td>Deep-sea surface current observations, number of</td>
<td></td>
</tr>
<tr>
<td>Deep-sea subsurface current observations, number of</td>
<td></td>
</tr>
<tr>
<td>Number of observations of density of water</td>
<td></td>
</tr>
<tr>
<td>Number of observations of temperature of water</td>
<td></td>
</tr>
<tr>
<td>Tidal stations established, number of</td>
<td></td>
</tr>
<tr>
<td>Miles (statute) run in deep-sea soundings</td>
<td></td>
</tr>
<tr>
<td>Number of deep-sea soundings</td>
<td></td>
</tr>
<tr>
<td>Number of specimens of bottom preserved</td>
<td></td>
</tr>
<tr>
<td>Locality of work; results, how shown, etc.:</td>
<td></td>
</tr>
<tr>
<td>Fiscal year ending June 30, 192</td>
<td></td>
</tr>
<tr>
<td>Fiscal year beginning July 1, 192</td>
<td></td>
</tr>
</tbody>
</table>

UNFINISHED FIELD RECORDS AND SHEETS (detailed statement required by paragraph 27 of the Regulations):

Means of transportation (if vessel, give name):
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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

Field Letter: A

REGISTER NO. 44403

State: Florida

General locality: East Coast, Cape Canaveral

Locality: Mosquito Lagoon

Scale: 1:20,000

Date of survey: January 1, 1929

Vessel: Shore Party, East Coast of Florida

Chief of Party: Earle A. Deily, Jr., H. & G.E.

Surveyed by: Earle A. Deily, Jr., H. & G.E.

Inked by: Earle A. Deily, Jr., H. & G.E.

Heights in feet above to ground to tops of trees

Contour, Approximate contour Form line interval feet

Instructions dated: December 4, 1928

Remarks:

[Signature]
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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

Field Letter

REGISTER NO. 44412

State Florida

General locality East Coast, Cape Canavera

Locality Mosquito Lagoon to De Soto Beach

Scale 1:20,000 Date of survey March & April, 1929

Vessel Shore Party, East Coast of Florida

Chief of Party Earle A. Deily, Jr., H.E.

Surveyed by Earle A. Deily, Jr., H.E.

Inked by Earle A. Deily, Jr., H.E.

Heights in feet above to ground to tops of trees

Contour Approximate contour Form line interval 5 feet

Instructions dated December 4, 1928

Remarks:
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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

Field Letter ____________

REGISTER NO. 44428

State Florida

General locality East Coast, Cape Canaveral

Locality Cape Canaveral, DeSoto Beach to Cocoa Beach

Scale 1:20,000 Date of survey April & May 1929

Vessel Shore Party, East Coast of Florida

Chief of Party Earle A. Deily, Jr. H & G.E.

Surveyed by Earle A. Deily, Jr. H & G.E.

Inked by Earle A. Deily, Jr. H & G.E.

Heights in feet above to ground to tops of trees

Contour Approximate contour Form line interval feet

Instructions dated December 4, 1928

Remarks: ____________________________
DEPARTMENT OF COMMERCE
U.S. COAST AND GEOGRAPHIC SURVEY
R. E. Peahorn, Chief

L. & A.
MAY 6, 1930

State: Florida

DESCRIPTIVE REPORT
Air Photo
Topographic
Hydrographic

Sheet No. 4440 b
4441 b
4442 b

LOCALITY
East Coast of Florida
Mosquito Lagoon to Indian River
Vicinity of False Cape
Cape Canaveral to Cocoa Beach

1930

CHIEF OF PARTY
C. S. Reading
DESCRIPTIVE REPORT TO ACCOMPANY AIR PHOTO TOPOGRAPHIC SHEETS

Register No. 44405. Field No. 4 E.C. Mosquito Lagoon to Indian River
Register No. 4441B. Field No. 6 E.C. Vicinity of False Cape
Register No. 4442B. Field No. 7 E.C. Cape Canaveral to Cocoa Beach

The "A" sheets of the same register numbers show a beach traverse for hydrographic signals and photo control executed by a party from the Ship LYDONIA in 1929. These three "B" sheets are a compilation of Army Air Corps photographs Nos. 808 to 819 taken from 10:05 to 10:15 and Nos. 843 to 924 taken from 10:25 to 10:55 A.M. on April 30, 1928. The airplane flew southward along the coast to Photo 610 then swung inshore down the Indian River to just below Titusville. The airplane then returned to the coast and resumed its flight southward with photograph 943. An area about one-half mile in extent was left unphotographed in Latitude 28° 52' Longitude 80° 47' when the flight was resumed. A Loening Amphibian with Liberty motor was piloted by Lieutenant J. A. Dexter at an altitude of about 10,000 feet giving an approximate average scale of 1:19000 to the photographs. The tide tables predicted a low tide of -0.05 foot at Cape Canaveral at 11:12 A.M. The photographs were taken with the four lens Air Corps T 2 Camera No. 25-1. The transverse level vial on top of the camera was broken during the previous flight. A hand level was substituted for this flight but unfortunately was out of adjustment with the axis of the camera and a constant tilt to the right resulted. The photographs of this roll are further distorted by the hooking of the film over a collimation notch in the margin plate of the "A" wing camera. This caused the film to sag so badly that only half of the "A" prints could be used and the "B" prints were partly out of focus.

Control. The coast side of the photographic strip was controlled by the high water line signals and culture located by the traverses shown on the "A" sheets. The shoreline of the inside passages from the topographic survey of 1876 was found to be quite accurate except for minor sketching and was used for control of the inner portions of the photographs. A steel tape road traverse with solar azimuths was also run at Oak Hill when inspecting the photographs for interpretation of culture. The turning points of this traverse are shown on the sheets by small red circles. Triangulation and third order traverse stations have been shown with black triangles in order to have them appear on the chart paper prints of the photo sheets intended for public distribution. Only the control stations recovered and used in the compilation are shown on these sheets.

Compilation. 1:20,000 projections were laid down on celluloid, the control was plotted on them and the former surveys traced in blue except for the coast line of the "A" sheets which was accepted and traced in black. The photographs were so distorted by film sag and constant tilt that they were rephotographed in the photostat camera with tilt and scale reduction enough to bring them into approximate agreement with the control and former topography. The rectified photostate were then plotted as well as possible from the radial in the B C and D prints adhering to the control and the for-
mer topography. The plotting of the areas shown on the "A" prints was by proportional adjustment between the topography and control. The position of detail in these inshore areas is therefore quite weak but it is believed to be as good as the average planimetric stadia traverse inshore without control. As it was impossible to make a complete radial plot, the accuracy of the photo sheets depends upon the accuracy of the former topography. The former topography agrees well with the photographs in all important unchangeable features and with subsequent control.

Differences From Former Topography

The high water line from the "A" sheets shows an erosion to the north and an accretion to the south of both False Cape and Cape Canaveral. It would appear that these capes are gradually working southward. The old beach lines are marked by successive ridges of palmetto six to eight feet above low narrow grassy depressions. The trend of these former beach lines is shown clearly on the photographs and has been indicated on the photo-sheets by the vegetation symbols. The lines to the northward of the capes are cut by the present beach line indicating marked erosion. Those to the south of the capes parallel to the beach indicating accretion. By joining sheets 44416 and 44430 a remarkable picture of the travel of the capes may be obtained. In passing it may be noted that these ridges were sketched and generalized in the original plane table survey to follow the shoreline thus completely obscuring this evidence of change.

In general, the remaining differences from former topography are due to the development of the country and to sketching in the original surveys.

A few small islets shown in the former surveys do not appear in the photographs and have not been shown on the sheets. Islets of less than ten meters in diameter would not be visible under unfavorable lighting conditions particularly when surrounded by mud flats. The photographs do not therefore disprove such islets.

The high water line through mud flats and marsh is difficult to interpret from the photographs. The limiting line of vegetation has been shown and usually it agrees very well with the former surveys.

Names. The names appearing on these sheets are those appearing on the "A" sheets, the charts and the Florida State Highway map. No new names have been assigned.

Symbols. The standard topographic symbols were used together with the following special symbols in order to show special features of the locality: A single full line for ditches as well as streams, a double full line for all improved, graded and paved roads, a double dashed line for all unimproved but graded roads and a single dashed line for trails. An attempt was made to distinguish between marsh which usually has water standing on it by tracing
its limits by a fine full line from marsh of indefinite extent and condition which was left unbounded. The photo lithographic printing obscured the difference between a fine line limiting tidal flats from a heavier high water line in places. Dotted lines will be used for this purpose on future sheets.

The culture was noted on the photographs from the principal highways and from the roads traversed during a limited field inspection. At inaccessible places the culture was interpreted in the office from similarity with that noted during the field inspection.

O. S. Reading
Chief of Party.

The work on the three sheets conforms to the general instructions.

On 4440b and 4442b a narrow white strip was generally left between the high water line and the marsh ruling to add to the distinctiveness of the shoreline. In charting the marsh should be extended to the shoreline.

A small area on 4440b at Lat. 28° 52' was not photographed. This area should be surveyed when opportunity offers.

The representation of trails on these sheets is identical with fences. This is in accordance with the standard symbols, but it is suggested that in future trails be shown by short heavy dashes and fences by long light dashes.

The character of the work is excellent.

E. P. Eccis
July 15, 1930

K. T. Adams
Chief, Section Field Work

L. C. Robertson
Chief, Division of Charts

Chief, Div. of Hyd'y and Top'y
The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

O. S. Reading  
Chief of Party.

<table>
<thead>
<tr>
<th>Description</th>
<th>Position</th>
<th>Method of Determination</th>
<th>Charts Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casino (N.W. Corner)</td>
<td>29°19'170.6&quot;</td>
<td>Tri</td>
<td>161</td>
</tr>
</tbody>
</table>

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tail stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  

PHOTO-TOPOGRAPHIC TITLE SHEET 

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

Field Letter .A.E.G. 

REGISTER NO. 4440:4440b 

State. Florida 

General locality. East Coast 

Locality. Mosquito Lagoon to Indian River 

Scale. 1:20,000 

Date of survey. April 30, 1923 

Vessel. Army Air Corps Loaning Amphibian Airplane 

Chief of Party. O. S. Reading 

Surveyed by. E. L. Jones 

Inked by. E. L. Jones 

Heights in feet above to ground to tops of trees 

Contour. Approximate contour. Form line interval. feet 

Instructions dated. Dec. 3, 1928 and June 6, 1929 

Remarks: Compilation of four lens air photographs Nos. 808 to 819 and 843 to 864. Reduced to 1:20,000 and printed by photolithographic process in Printing Section.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

PHOTO-TOPOGRAPHIC TITLE SHEET

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

Field Letter C-E-G

REGISTER NO. 4441b

State...Florida

General locality...East Coast
Mosquito Lagoon to Banana River

Locality...Vicinity of False Cape

Scale...1:20,000 Date of survey...April 30, 1928

Vessel...Army Air Corps Loening Amphibian Airplane

Chief of Party...O. S. Reading

Surveyed by...M. Recht

Inked by...M. Recht

Heights in feet above to ground to tops of trees

Contour...Approximate contour Form line interval...feet

Instructions dated...Dec. 3, 1929

Remarks: Compilation of four lens air photographs Nos. 865 to 887. Reduced to 1:20,000 and printed by photolithographic process in Printing Section.
The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter .7 E.C....

REGISTER NO. 4442 b 4442b

State Florida

General locality East Coast

Locality Cape Canaveral to Cocoa Beach

Scale 1:20,000 Date of survey April 30, 1938

Vessel Army Air Corps Loaning Amphibian Airplane

Chief of Party O. S. Reading

Surveyed by E. L. Jones

Inked by E. L. Jones

Heights in feet above to ground to tops of trees

Contour Approximate contour Form line interval feet

Instructions dated Dec. 3, 1928 and June 6 1939

Remarks: Compilation of four lens air photographs Noa. 887 to 924. Reduced to 1:20,000 and printed by photolithographic process in Printing Section.