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Form 504  
Rev. April 1935

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Topographic

Hydrographic

Sheet No. T- 5783

U. S. COAST & GEODETIC SURVEY

LIBRARY AND ARCHIVES

SEP 18 1940

Acc. No.

State FLORIDA

### LOCALITY

GULF COAST

APALACHEE BAY

ECONFINA RIVER

AND VICINITY

*Photographs taken Dec 3, 1939*

*1940*

CHIEF OF PARTY

Kenneth G. Crosby

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

REG. NO.

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 No. ....

REGISTER NO. T-5783

State Florida .....

General locality West Coast, Florida. Gulf Coast, Apalachee Bay .....

Locality Econfina River and Vicinity .....

Scale 1:20,000 Date of Photographs ~~Survey~~ December 3, 1939 .....

~~Vessel~~ Air Photographic Party No. 1 .....

Chief of party Lieut. Kenneth G. Crosby .....

Field Inspected Subsided by George W. Lovesee .....

Inked by Jesse A. Giles .....

Heights in feet above.....to ground to tops of trees

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

Instructions dated April 3, 1940 .....

Remarks:.....

SUPPLEMENTARY DUTY:

	Name	1940 Date	hours
Control Surveys.....			
Planetable Surveys.....			
Total			0

FIELD INSPECTION

Preparation of Photographs.....	Tampa Office Personnel		12
Field Work.....	G.W.L.	3 Jan. - Feb.	80
Inking Notes.....			
Coast Pilot Notes.....			
Geographic Name Report.....	G.W.L.	2 March	40
Landmarks for Charts.....			
Description Cards.....			
Recovery Notes.....			
Total			132

LAID RADIAL PLOT

Scale Plot.....	K.G.C.-E.L.J.		29
Projection on Base Sheet.....	S KASS		
Projection on Survey Sheet.....	ruling machine	April 26	
Control Plotted.....	E.L.J.	May 2	
Control Checked.....	K.G.C.	May 2	
Control Trans. to Base Sheet.....	E.L.J.	May 2	
Transfer Checked.....	K.G.C.	May 2	
Control picked on Photographs.....			220
Control checked on Photographs.....	Entire Tampa	April	
Hydro. & Sops. Stations picked.....	Office Personnel		
Radial points picked.....			
Adjacent centers picked.....			
Templates.....			
Radial Plot.....	K.G.C. - E.L.J.	May 1-6 & June 11	
Radial Points transferred.....	E.L.J.	May 6 & June 11	
Transfer checked.....	H.S.B.	May 6 & June 11	
H & T Stations scaled & checked.....	K.G.C.-J.A.G.	June 11-Aug. 3	5
Additional Radial points.....	J.A.G.	June 11-Aug. 3	43
Total			297

DRAFTING

Rough Draft.....	J.A.Giles	June 6 - Aug. 3	174
Smooth Draft.....			
Total			174

COMPILATION

Name Overlay.....			
Descriptive Report.....	J.A.G. - K.G.C.	Aug. 5 - Sep. 3	21
Field Review.....	K.G.C.	Aug. 27 - Sep. 3	18
Total			39

Total Time spent on Sheet..... 642 hours.



## PHOTOGRAPHS

Number	Date	Time	Stage of Tide
3762	Dec. 3, 1939	12:48 p.m.	Mean Low Water
3763	Dec. 3, 1939	12:49 p.m.	Mean Low Water
3764	Dec. 3, 1939	12:51 p.m.	Mean Low Water
3789	Dec. 3, 1939	1:43 p.m.	Mean Low Water
3790	Dec. 3, 1939	1:44 p.m.	Mean Low Water
3791	Dec. 3, 1939	1:45 p.m.	Mean Low Water

Tide from predicted tables for: Rock Island, Florida.

Camera: U.S. Coast and Geodetic Survey Nine-Lens (focal length  $8\frac{1}{2}$  inches.)  
Negatives on file at Washington Office.

FIELD INSPECTION --- Feb. 1940

## SCALE

Mean scale of Photographs..... 1:20,000  $\pm$  0.999  
Scale of Survey Sheet..... 1:20,000

## STATISTICS

Area (land)..... 83.70 Square statute miles  
Shoreline (more than 200 m. from opposite shore). 15.07 Statute miles  
Shoreline (Creeks)..... 183.54 Statute miles  
Roads, streets, trails, and railroads..... 66.20 Statute miles

## REFERENCE STATION

Station: ECONFENEE NO. 2, 1933

Latitude:  $30^{\circ} 02' 41.653''$

Datum: North American, 1927

Longitude:  $83^{\circ} 55' 07.961''$

x coordinate: 2,183,868.28

y coordinate: 380,456.01

Details on T-5783 are of the date of the photographs, Dec 3, 1939 except for triangulation and topographic stations.  
Topographic stations were identified and marked by field inspections in Feb. 1940.

Azimuth Marks  
Bench Marks



# DESCRIPTIVE REPORT

to accompany

SHEET NO. T- 5783

## GENERAL

This sheet was compiled in accordance with "Instructions for Drafting Air Photographic Surveys, Project H. T. 242" dated April 3, 1940.

The general locality of the area covered by this survey sheet is Florida, West Coast, in the vicinity of Econfinia River. The terrain, in general, is flat and mostly wet, being either swamp or marsh save for the scattered dry areas composed of palmettos, grass, mixed pine and deciduous trees. The shoreline is made up of marsh, which merges into swamp that is composed of live oak, water oak, gum, ash, palms and cypress.

## CONTROL

There are three control stations on this sheet. They are triangulation stations SCANLON, ECONFENEE -2, and ROCK ISLAND -2 and were established in 1933 by Lieut. H. C. Warwick.

The location of the azimuth marks for triangulation stations ECONFENEE -2 (1933) and ROCK ISLAND -2 (1933) were obtained by the radial plot method. The geodetic azimuth as shown in the list of geographic positions for these stations was plotted on the sheet after the azimuth marks had been located and were found to be in agreement.

No errors were found in the location of the control stations by the photographic plot nor in the plotting of the stations on the field prints. No stations established by other organizations were used for control.

## MAIN RADIAL PLOT

Two main radial plots formed a junction on this sheet. Radial plot No. 1 was a continuous plot covering Sheet No. T-5780, T-5781, T-5782 and the western half of this sheet ending at photograph No. 3763 and 3790. Radial plot No. 3 was a continuous plot covering the south and eastern half of this sheet, sheets No. T-5784, T-5785, T-5786 and the north part of sheet No. T-5787. It extended from photographs No. 3763 and 3790 as a northern limit to photographs No. 3757 and 3798 as a southern limit.

The triangulation was plotted on the survey sheets and transferred to the base grid sheets by adjusting to each grid square. Since both the survey sheets and the base grid sheets were of the same type celluloid and were prepared on the ruling machine in the Washington Office, there was no perceptible adjustment necessary in the transfer.

Celluloid templates were prepared in accordance with "Notes on Radial Plotting Nine-Lens Air Photographs", dated April 9, 1940. The recommendation of making an ink mark on the template to indicate the position of the point on the photograph proved to be a great aid in determining which of the photographs were

tilted and should be laid last on the plot. Short sections of the mask lines were drawn on the templates in blue ink. These lines were not transferred to the survey sheet for orientation purposes since more radial points were located in each chamber on the main radial plot than were recommended. The templates were laid on the base grid sheets and securely taped to the plotting table.

The radial points were transferred from the plot by placing the survey sheet over the plot and transferring the points in each grid square. The points located by three or more intersecting radials were picked on the survey sheet and circled in blue (2.5 mm in diameter) on the back. Where poor intersections occurred or where only two cuts could be obtained, the radial lines were transferred to the survey sheet and inked in green on the back of the sheet for investigation with the photographs. Grid intersections were inked on the survey sheet with celluloid ink after the radial points had been transferred and checked.

Templates controlled by three or more triangulation stations were first laid on the plot and since these were quite evenly spaced throughout the plot they formed good control for the remaining templates. Both main plots gave good agreement for radial points independently determined but common to the two main plots except for several points in the vicinity of the bend in the Econfina River northward from triangulation ECONFENEE -2. Satisfactory agreement was obtained after a slight adjustment of azimuth was made.

Flight lines and radial lines to adjacent centers were in good agreement throughout both main plots and no large or unusual adjustments were necessary.

The hydrographic signals, topographic stations and radial points in the areas well controlled by sufficient photographs, are believed to be located within 0.25 mm of their true position. Radial points encircled in green on the back of the sheet may be in error as much as 0.4 mm.

Various colored inks were used on the photographs and the survey sheet to designate triangulation stations, topographic and hydrographic stations and radial points. The following key is furnished for future reference.

Photographs

- Triangulation stations.....2.5 mm blue circle
- Hydro. & Topo. stations.....2.5 mm green circle
- Radial points (Main plot).....2.5 mm red circle
- Radial points (additional).....3.5 mm red circle
- Photograph centers.....double red circle

Survey Sheet

- Triangulation stations.....3.5 mm high black triangle
- Hydro. & Topo. stations.....2.5 mm black circle
- Radial points (Main plot).....2.5 mm blue circle on back of sheet
- Radial points (additional).....3.5 mm blue circle on back of sheet
- Radial points (questionable).....3.5 mm green circle on back of sheet

## INTERPRETATION OF PHOTOGRAPHS

In general photographs were found to be sufficiently clear for accurate delineation. No unusual conditions were encountered.

## FIELD INSPECTION

The field inspection was done by Lieut. (j.g.) George W. Lovesee under the supervision of Lieut. George L. Anderson. This was accomplished during the months of January and February, 1940.

In several instances, due to misunderstanding, different abbreviations were noted on field prints to indicate the same type of vegetation. The legend used by the field inspection party and that used by the draftsmen have been consolidated and made a part of this report. The actual abbreviation used in each particular case has been indicated in parenthesis on the consolidated legend sheet.

Field notes were meagre. The field party had had no previous experience with the field inspection of Air photographs.

Bench marks were field inspected and recovered. Recovery notes and Conditions of Bench Marks, (Form 685) were submitted to the Washington Office by Lieut. George L. Anderson, March 27, 1940.

## DETAILING

The celluloid was thoroughly cleaned with soap and water and this was followed, later, by rubbing small sections, about to be inked, with dry magnesium carbonate.

The detailing of this sheet has been done in accordance with current instructions for the project.

No unusual conditions as regards detailing from the photographs were encountered. A slight difference in azimuth was found in the southwest section of the sheet where the two plots join. This difference was most noticeable in the neighborhood of a bend in the Emonfina River, just north of triangulation station ECONFENEE -2, 1933. Satisfactory adjustment of difference was made.

Hydro station COB, 1940 (d.m.) falls on the junction of this sheet with T-5782. Description of station, pricking cards, etc. relative to this station were sent in to the Washington Office with sheet T-5782.

When smooth drafting this survey sheet all roads should be delineated 6 m.m. wide as no road in the area is 12 meters wide.

In those portions of this sheet lacking field notes, the vegetation and terrain have been detailed by comparing other areas of similar appearance by means of the stereoscope and from general experience gained during the detailing of other similar sheets on this project and on the preceding project.



Some of the swamp areas have been "logged" or cut over. The new growth as seen under the stereoscope appears of brush height; such areas having brush and no trees, have been labeled "Sw. (Br.)".

In areas of grass, scattered pine, palmettos and scattered clumps of trees it was found to be of decided advantage to detail the entire area instead of attempting to outline each small clump.

#### JUNCTIONS

This sheet joins with T-5782 on the west and with T-5784 on the east. Both of these junctions were satisfactory and no adjustment was necessary.

#### COMPARISON WITH OTHER SURVEYS

Comparison was made with bromide print of Topographic Sheet No. T-1424a, 1875. No outstanding differences were noted save at "Sand Slough" where the old survey party seemed to have lost azimuth. The shoreline in general matched pretty well except for slight differences in areas which were susceptible to erosion by stream flow. Points at which specific differences were found are given herewith:

Mouth of stream just inside of Econfina River (west side of river),  
Slough or small bay just around point at mouth of Econfina River,  
Peary Island Creek,  
Sand Slough (mentioned above),  
Shoreline at Cedar Island Bayou.

Due to a large difference in scale, comparison with other maps and charts of this area were not practicable.

#### GEOGRAPHIC NAMES

The geographic names in this area were submitted to the Washington Office in March, 1940, by Lieut. George L. Anderson, in a special report for Geographic Names for that section of this project field inspected under his supervision.

#### LANDMARKS

There are no prominent landmarks on this sheet. Three bird racks used for the collection of guano appear on the photographs in the area covering the southwestern and central southern part of this sheet. They are between three and four and one-half miles off shore, 12 feet above high water, each having a top 22' by 28' and being supported by several 6" piling. The racks have been located by the radial plot method for use by the hydrographer.

one bird rack showing  
only on celluloid 29-57.7  
83-52-116  
and was  
used on  
ch. 1260

Respectfully submitted,

*Jesse A. Giles*  
Jesse A. Giles,  
Draftsman

Forwarded,

*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party.



# LEGEND USED ON FIELD INSPECTION AND ROUGH DRAFTING

SHEET NO. T- 5783

## TREES

A - Ash  
Br - Brush  
Cit - Citrus  
Cy - Cypress  
Gum - Gum  
Oak - Oak  
Pal - Palmetto (Field Inspection)  
Palr - Palmetto (Rough Drafting)  
Pi - Pine  
Pim - Palm  
Mix - Mixed deciduous, pine & cypress

## ROADS

Rd-1 - 1st Class paved  
Rd-2 - 2nd Class road  
Rd-1d - 1st Class dirt road (G.L.A.) & (G.W.L.)  
Rd-2d - 2nd Class dirt road (G.L.A.)  
Tr - Trail  
U.F. - Used Trail  
U.R.D. - Used Road (G.L.A.)

## VEGETATION

C - Cultivated  
DT - Deciduous trees  
Fl - Flooded area  
Gr - Grass  
TGr - Tropical grass  
HW - Heavily wooded  
M - Marsh  
Mg - Mangrove  
Sw - Swamp  
Sct - Scattered

## PONDS

P - Pond  
CyP - Cypress Pond  
GP - Grassy Pond  
IP - Intermittent Pond  
PiP - Pine Pond

## STREAMS

Ca - Canal (width)  
Cr - Creek  
D - Ditch  
IS - Intermittent Stream  
PMU - Probable drainage unwrapped  
Str - Stream

## MISC.

B1 - Bluff (height) (G.L.A. & G.W.L.)  
Bif - Bluff (Rough drafting)  
Bldg - Building  
Brg - Bridge  
Ch - Church  
CtH - Court House  
C.H. - Court House (G.L.A.)

Cv - Culvert  
FB - Fire Break (width)  
f - fence  
H - House  
Is - Island (Field Inspection)  
I - Island (Rough drafting)  
HWL - High Water Line  
LWL - Low Water Line  
L.L. - light line around marsh  
OP - Overpass  
PO - Post Office  
RR - Railroad (name)  
S - Sand  
Sch - School  
UP - Underpass  
W - Water  
Mud - Mud

FCS - Florida Geodetic Survey  
FMP - Florida Mapping Project  
UES - U.S. Engineers  
USBC - U.S. Biological Survey

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## STREAMS

Ca - Canal (width)  
Cr - Creek  
D - Ditch  
IS - Intermittent Stream  
PDU - Probable drainage unsurveyed  
Str - Stream

## MISC.

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B1f - Bluff (Rough drafting)  
Bldg - Building  
Brg - Bridge  
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C.H. - Court House (G.L.A.)

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f - fence  
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I - Island (Rough drafting)  
HWL - High Water Line  
LWL - Low Water Line  
L.L. - light line around marsh  
OP - Overpass  
PO - Post Office  
RR - Railroad (name)  
S - Sand  
Sch - School  
UP - Underpass  
W - Water  
Mud - Mud

FCS - Florida Geodetic Survey  
FMP - Florida Mapping Project  
USE - U.S. Engineers  
USBS - U.S. Biological Survey

REVIEW OF AIR PHOTO COMPILATION NO. T-T-5785

Chief of Party: Kenneth C. Crosby

Compiled by: Jesse A. Giles

Project: H.F. - 242

Instructions dated: April 3, 19 40

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, b, c, d, e, g and i; 26; and 64)

Yes

2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (Par. 26; and 66 g, n)

Yes

3. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (par. 66; and 66 d, e)

None

4. Blue-prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)

None

5. Differences between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.

Yes

6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; 44; and 65 c, h, i)

Yes

7. High water line or marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44)

Yes, see also No. 17

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Refer also to the pamphlet "Notes on the Compilation of Planimetric Line Maps from Five Lens Air Photographs."



8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41)

Yes

~~See Report~~  
See Review

9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 57)

Yes

10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, compiled with. (Par. 16d, e; and 60)

No landmarks in this area.

11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 16c)

No bridges in area which are of importance to navigation.  
All are small fixed highway bridges over small streams.

12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to the source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U.S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66k)

Names shown on sheet. Report for these names was submitted by Lieut. G.L. Anderson to the Washington Office in March-1940.

13. The geographic datum of the compilation is N.A. 1927 and the reference station is correctly noted.

Yes

14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)

Yes

15. The drafting is satisfactory and particular attention has been given the following:

1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report. Yes

2. The degrees and minutes of Latitude and Longitude are correctly marked. Yes



3. All station points are exactly marked by fine black dots. Yes
4. Closely spaced lines are drawn sharp and clear for printing. Yes
5. Topographic symbols for similar features are of uniform weight. Yes. Legend also used on rough draft.
6. All drawing has been retouched where partially rubbed off. Yes
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground. Yes

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)

15. No additional surveying is recommended at this time.  
No additional topographic survey required.

17. Remarks:  
The light line around marsh defines the outer limit of vegetation visible above mean high water. The mean high water line is shown only on fast land and is represented by a solid, heavy line.

18. Examined and approved:

*Kenneth G. Crosby*  
Kenneth G. Crosby  
Chief of Party

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

*Robert W. Kral*  
Chief, Section of Field Records

*K.T. Adams*  
Chief, Section of Topography

*J. B. Borden*  
Chief, Section of Hydrography  
*G. H. Borden*  
Chief, Division of Hydrography

①

Division of charts  
Section of field records

Review of Air Photographic Survey T-5783

10-11-40

There are no contemporary Graphic Control  
surveys or Hydrographic surveys within

• The area covered by T-5783.



Previous Topographic Surveys

T-14243 (1:20,000) 1875, T-5783 supersedes  
for charting the section of T-14243 which it  
covers. See descriptive Report page 6 for  
comparison

## Topographic Stations

All stations have been located by the radial plot for control of the hydrography and ~~permanent~~ <sup>stations</sup> shown on the printed copies of.

● T-5783 as topographic stations.  
 Insert →

~~Two topographic stations of a non-permanent nature will not be shown on the published copies, but will remain on the original celluloid compilation for use in future hydrographic surveys.~~

Card descriptions on form 524 for topographic stations designated by a (d) on the maps are filed under T-5783. The form 524 descriptions contain sketches, and are complete and adequate for recovery of the stations. Numerous reference points have been measured and shown on the sketches; ~~and~~ these will be valuable for identification of the points on future photographs.

INSERT The most westerly of the <sup>three</sup> ~~two~~ bird  
 over

rocky shown on this map, was located  
by only two radial line cuts; and  
therefore does not have any check as  
to position. This station should  
be checked by the hydrographic  
party. ~~before using it as control~~  
~~for hydrography~~



## Field Inspection Notes and records

The form M-982 cards used on this project are convenient for office files and preferable to field books.

Field inspection notes on the photographs are neatly inked and in good condition for permanent files. Sufficient field notes were made on the photographs for interpretation of the details on the photographs, with the exception of notes regarding classes of roads and trails. These road <sup>notes</sup> are in some cases contradictory as regards the classification of first and second class roads and trails. This may have been due to the supplemented instructions for roads provided <sup>Jan 1940</sup> after the field inspection was started. The classification shown on the drawing is accepted.

## LOW WATER AND SHOAL LINES

Approximate low water line was compiled from photographs taken at, or nearly at, low water. However this line may be subject to appreciable error for the following reasons:

1. The bottom is very flat and a few inches difference in elevation of the water will cause a considerable difference in position of the low water line. The stage of the tide when the photographs were taken was determined from predicted tables, whereas the actual tide may have been affected by local wind conditions.
2. The photographs often do not show a clear line at the waters edge and are subject to some error in interpretation.

The low water line on T-<sup>5783</sup> will be shown in its entirety on the boat sheets where it can be checked and corrected as necessary.

Only those sections of the low water line which were quite definite on the photographs are shown on the file copy and the published copies of T-<sup>5783</sup>.

Shoal lines on this sheet represent only the line of change from shoal to somewhat deeper water. They were compiled for possible assistance to the hydrography and will be shown on the boat sheets. They are not shown on either the office file copy or the published copies of T-<sup>5783</sup>.

The low water and shoal lines will not be shown on the published map T-5783 but with the exception of certain outer bars. They will be retained on the celluloid for transfer to the hydrographic surveys.

The low water line as seen on the photographs which were taken ~~at low water~~ <sup>predicted</sup> may at predicted low water may vary considerably from the low water line determined by soundings because of the flat bottom and ~~a possible~~ possible effect of winds on the tide.

## Radial Plot

The radial plot is discussed on pages 3 and 4 of the descriptive report.

- The radial plot was not checked in the Washington office.

~~That that the plot for this sheet was made in two parts, and further that there are only three control triangulation stations on this sheet.~~

- (change the above if the plot is checked)



Comparison with chart 181 printed 4-9-40

No landmark list was prepared for T-5783 as no land marks fall in this

area. The bird rocks shown offshore and discussed on page 6 of the report under "land marks" appear to be quite permanent and fairly prominent.

T-5783 has not been applied to chart 181 at this date 10-29-40.

general

The ~~an~~ report and the compilation of maps details are complete and the drawing is adequate <sup>and on this subject</sup> for redrafting.

The method of completely detailing the changeable wooded areas of Palmetto, brush, grass etc is more satisfactory for redrafting than the outlining of these areas as done on the sheets to the westward.

Reviewed in the office by R E Elkins 9/28/40  
inspected by B.G. Jones 9/30/40

usual signatures

## PLANE COORDINATE GRID SYSTEM

Positions of grid intersections used for fitting the grid to this compilation were computed by Division of Geodesy and the computation forms are included in this report.

Positions plotted by S. Kass

Positions checked by S. Kass

Grid inked on machine by S. Kass

Intersections inked by S. Kass

## Points used for plotting grid:

$\phi = 30^{\circ}-09'-13.29''$   $x = 2,180,000$   
 $\lambda = 83^{\circ}55'-49.73$   $y = 420,000$

$\phi = 30^{\circ}-09'-11.69''$   $x = 2,210,000$   
 $\lambda = 83^{\circ}50'-08.02$   $y = 420,000$

$\phi = 29^{\circ}-59'-19.34''$   $x = 2,180,000$   
 $\lambda = 83^{\circ}55'-53.13$   $y = 360,000$

$\phi = 29^{\circ}-59'-17.74''$   $x = 2,210,000$   
 $\lambda = 83^{\circ}-50'-12.00$   $y = 360,000$

$\phi = 30^{\circ}-04'-15.27$   $x = 2,200,000$   
 $\lambda = 83^{\circ}-52'-03.82''$   $y = 390,000$

$x$   
 $y$

$x$   
 $y$

$x$   
 $y$

## Triangulation stations used for checking grid:

- |          |          |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 3. _____ | 7. _____ |
| 4. _____ | 8. _____ |

Capn JRD

T-5783

Remarks		Decisions
1		Recent 300839 USGB
2		USGB
3		
4		301838
5		"
6		300839
7		"
8		299838
9		300839
10		299838
11		"
12		"
13		300839
14		"
15		"
16		"
17		"
18		"
19		"
20		300838
21		"
22		"
23		299838
24		"
25		"
26		"
27	Railway Guide	
M 234		

# GEOGRAPHIC NAMES

Survey No.

T-5783

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A.	B.	C.	D.	E.	F.	G.	H.	K.	
Econfina River ✓									1
Apalachee Bay ✓									2
Gulf of Mexico ✓									3
Seanlon ✓									4
Econfina ✓									5
Econfina Landing ✓									6
Long Point ✓									7
Rock Point ✓									8
Possum Gap Island ✓									9
Little Rock Island ✓									10
Rock Island ✓									11
Cedar Island ✓									12
Bowden Creek ✓									13
Little Bowden Creek ✓									14
Double Sloughs ✓									15
Redfish Creek ✓									16
Oyster Creek ✓									17
Peary Island Creek ✓									18
Big Bayou Creek ✓									19
Cabbage Creek ✓									20
Pitts Creek ✓									21
Smith and McCullah Creek ✓									22
Send Slough ✓									23
Cow Creek ✓									24
Pitts Creek ✓									25
Cedar Island Bayou ✓									26
Live Oak, Perry & Gulf R.R. ✓									27

Names underlined in red approved

by L. Heck on 8/14/41