<table>
<thead>
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<th>Type of Survey</th>
<th>CHART COMPILATION</th>
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<tbody>
<tr>
<td>Field No.</td>
<td>PH-6606</td>
</tr>
<tr>
<td>Office No.</td>
<td>I-13011</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Localities</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>FLORIDA</td>
</tr>
<tr>
<td>General locality</td>
<td>APALACHICOLA</td>
</tr>
<tr>
<td>Locality</td>
<td>WEWAHITCHKA</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1965-68</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief of Party</td>
<td></td>
</tr>
<tr>
<td>V. Ralph Sobierski</td>
<td>Div. of Photogrammetry, Wash., D.C.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Library &amp; Archives</td>
<td></td>
</tr>
<tr>
<td>Date</td>
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</tr>
</tbody>
</table>
PROJECT NO. (III):
PH-6606

FIELD OFFICE (III):
Rockville, Maryland

CHIEF OF PARTY
V. Ralph Sobiersalski

PHOTOGRAMMETRIC OFFICE (III):
OFFICER-IN-CHARGE

INSTRUCTIONS DATED (III) (IV):
July 29, 1965
Amendment 1. August 23, 1965
New Schedule June 15, 1966
Instructions January 1967
Instructions February 2, 1967

METHOD OF COMPILATION (III):
Wild B-8

UNSIGNED SCALE (III):
1:40,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:70,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):
N. A. 1927

VERTICAL DATUM (III):
MEAN SEA LEVEL EXCEPT AS FOLLOWS:
Elevations shown as (T) refer to mean high water
Elevations shown as (S) refer to sounding datum
i.e., mean low water or mean lower low water

REFERENCE STATION (III):

LAT.:

LONG.:

ADJUSTED

UNADJUSTED

PLANE COORDINATES (IV):

X =

STATE

ZONE

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (III) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE,
OR (IV) WASHINGTON OFFICE.
WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.
FIELD INSPECTION BY (III):

Edit by: William H. Shearouse

DATE:
March 6, 1968

MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):

No Tidal Water

PROJECTION AND GRIDS Ruled BY (IV):

Nautical Charts

DATE

PROJECTION AND GRIDS CHECKED BY (IV):

Nautical Charts

DATE

CONTROL PLOTTED BY (III):

John C. Richter

DATE
August 1967

CONTROL CHECKED BY (III):

Henri Lucas

DATE
August 1967

RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):

Irving Saperstein

DATE
July 1967

STEREOSCOPIC INSTRUMENT COMPILATION (III):

John C. Richter

DATE
Sept. 1967

PHOTOGRAFOMETRIC OFFICE REVIEW BY (III):

J. Battley

DATE
Sept. 1969

REMARKS:
### DESCRPTIVE REPORT - DATA RECORD

**T-13051**

**CAMERA (KIND OR SOURCE) (III):**

RC-9

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
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<tr>
<td>65 M 594 thru 598</td>
<td>Oct.24, 1965</td>
<td>9:20</td>
<td>1:70,000</td>
<td>No tidal waters</td>
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<tr>
<td>65 M 608 thru 611</td>
<td>Oct.24, 1965</td>
<td>9:42</td>
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<tr>
<td><em>65L(C) 7902 thru 7185</em></td>
<td>Oct. 16, 1965</td>
<td>08:25 thru</td>
<td>1:40,000</td>
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<td>65 L(C) 7188 thru 7204</td>
<td></td>
<td>11:35</td>
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<tr>
<td>65L(C) 7207 thru 7302</td>
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**TIDE (III):**

<table>
<thead>
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<th>RATIO OF RANGES</th>
<th>MEAN RANGE</th>
<th>SPRING RANGE</th>
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</table>

**REFERENCE STATION:**

**SUBORDINATE STATION:**

**SUBORDINATE STATION:**

**WASHINGTON OFFICE REVIEW BY (IV):** J. L. Blythe

**DATE:** May 1969

**PROOF EDIT BY (IV):**

**DATE:**

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):**

**RECOVERED:**

**IDENTIFIED:**

**NUMBER OF BM(S) SEARCHED FOR (III):**

**RECOVERED:**

**IDENTIFIED:**

**NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):**

**NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):**

**REMARKS:** Photographs used for field edit (additional drainage, navigational aids, landmarks, roads, names etc.) were,

October 16, 65L 7111-7112 (Color)
7119-7123
7134 and 7136 to 7139
7148, 7150 to 7153
7157 and 7159
Summary to Accompany
Descriptive Reports T-13006 thru T-13012
PH-6606
February 1970

This project consists of seven 1:40,000 scale Chart
Compilation Manuscripts compiled to provide the base
for new chart 644-SC. The area covered is the
Apalachicola River from its mouth at the town of
Apalachicola (T-13012), north to its end at the Jim
Woodruff Dam. From the dam the Chattahoochee River
continues northwest (T-13006) and the Flint River branches
northeast (T-13008).

Field inspection of the project area was limited to the
premarking of control and was completed in September
1965. The area was flown in October 1965 providing
1:70,000 scale panchromatic bridging photography,
1:40,000 scale compilation photography and 1:15,000
scale color for location of aids.

As a result of higher priority projects, completion of
an analytical bridge was not realized until July 1967.
Six strips of 1:70,000 scale panchromatic photographs
were bridged. Due to the lack of control a block adjust-
ment was used to tie the strips together.

The Washington compilation office completed the B-8
compilation of the seven manuscripts in May 1968. The
manuscripts were compiled following the general
instructions for compiling topography to chart scale.
Except in the area of T-13012, there is no existing chart
for comparison and subsequent revision.

Field edit was accomplished from March thru June 1968 and
encompassed the location of extensive day beacons, channel
markers and lights. In addition the river abounds in
piling, dolphins, snags and single piles - most of which
were located during field edit. A complete geographic names
check was also made during field edit.

The application of field edit data was completed in the
Washington compilation office in November 1968. The
Marine Chart Division revised their needs at that time
and the project was set aside for higher priority work.
T-13012 was reviewed and copy forwarded to Marine Charts to serve as a revision base for Charts 1262, 866 and 865. Forms 567's were listed, scaled and submitted for each sheet.

A Chart Division Manuscript copy of each manuscript was supplied the Marine Chart Division.

Registration manuscript copies will be registered in the Bureau Archives under their respective T-numbers.

Submitted by,

Jeter P. Battley, Jr.
J. P. Battley, Jr.
PHOTOGRAMMETRIC PLOT REPORT
Job PH-6606
Apalachicola River, Florida

July 14, 1967

21. **Area Covered**

This report covers the Apalachicola and Chattahoochee Rivers, Florida, and consists of seven (?) 1:40,000 scale T-sheets, T-13006 thru T-13012.

22. **Method**

Analytic aerotriangulation methods were used to bridge six strips, consisting of 1:70,000 scale panchromatic photography taken with the RO-9 camera. Common tie points were drilled on plates between all strips where applicable.

Because of placement and lack of control, a block adjustment was used to tie together Strips 1, 5, 6 and part of Strip 3.

The attached sketch shows the strips bridged and the placement of triangulation furnished that were used in the adjustment.

Mercator values have been furnished for all bridge points on the IBM readout.

23. **Adequacy of Control**

All horizontal control was premarked with white panels with the exception of a subpoint for WEWAHITCHKA, EMPIRE SERVICE CO. SILVER TANK, 1934. One USGS station No. 1272 center-line of the public road at the crossing of Apalachicola Northern Railroad was used and held with WILMA FIRE TOWER, 1938. (See USGS Sumatra Quadrangle pamphlet.)

Although horizontal control was sparse, it is believed adequate for 1:40,000 scale charting.

Vertical control needed for the adjustment was taken from USGS quadrangles.
25. **Photography**

The definition and quality of the "M" photography is fair. The coverage is adequate.

Respectfully submitted,

115

Irving L. Saperstein

Approved and forwarded,

Henry P. Eichardt
Active Chief, Aegotriangulation Section
ANALYTIC AEROTRIANGULATION
APALACHICOLA RIVER, FLA.
PH-6606
June 1967
31. Delineation
Compilation was done on the B-8 stereo plotter using 1:70,000 scale M photography at manuscript scale 1:40,000. Color photographs (scale 1:40,000) along with 1:15,000 color transparencies along the Apalachicola River were also used to assist with the delineation. The Marine Chart Division furnished compilation limits approximately 5 Miles wide. Field edit is to be accomplished to provide information for charting aids to navigation, etc.

32. Control
See photogrammetric plot report.

33. Supplemental Data
U. S. Engineers Navigation Chart for Apalachicola, Chattahoochee and Flint Rivers.

34. Contours and Drainage
The largest named creeks that are tributaries and swamp or marsh areas of importance are included on the map manuscript.

35. Shoreline and Alongshore Details
All detail that was visible on 1:40,000 and 1:15,000 color photographs was shown along the shoreline. Low water lines are from office interpretation.

36. Offshore Details
The Army Engineers Navigation Chart calls for dikes or (groins) opposite the mouth of "Brickyard Cutoff" and they could not be seen on photographs.

37. Landmarks and Aids
No landmarks or aids located by office method. All aids and landmarks to be determined by field edit.

38. Control for Future Surveys
None

39. Junctions
Junction to the North with T-13010
Junction to the South with T-13012
40. Horizontal and Vertical Accuracy.
   This survey complies with the national standards of accuracy.

41. thru 445.
   Inapplicable

46. Comparison with Existing Maps.
   Comparison was made with U.S.G.S. Quads. White City, Florida
   Nokomishka Florida. Kennedy Creek, Florida, editions of 1945
   1:24,000 scale. U. S. Army Engineers Navigation Charts, Alabama,
   Florida, and Georgia of April 1966.

47. Comparison with Nautical Charts.
   No chart of this area.

Approved by:

Kal N. Maki
Chief, of Compilation

Submitted by:

John C. Richter
Cartographer
FIELD EDIT REPORT

JOB PH-6606

MAPS T-13011 and T-13012

In accordance with Instructions—FIELD EDIT—Job PH-6606;
- Chart Topography, Chart 644-SC; Apalachicola River, Alabama,
  Florida, and Georgia (G1413).

51. METHODS

Visual comparison of shoreline-delineation was made from a
small boat running close to shore. Shoreline structures were
inspected and appropriate notes made where corrections, dele-
tions or additions were required.

Roads and streets were ridden out to verify existence and
classification, highway numbers being added where they are in
the State or Federal system.

Landmark buildings along the front at Apalachicola were
viewed from offshore, then circled on the photographs.

A considerable number of small houses and other buildings
along the river banks have been circled on the photographs.
Mostly these buildings are in rather isolated areas and could
be useful to chart users.

Many interior buildings were compiled. These were not
thoroughly verified since they are not considered landmark
buildings for the nautical chart.

Effort was made to locate and mark ramps suitable for
lauching small boats. Several of these were found up-river
and their inclusion on the chart will be worthwhile information.
Landmarks for charts were confined to the Apalachicola area. Those presently charted were verified. New ones are recommended and Form 567 is submitted.

Nonfloating aids positioned during compilation were verified. Additionally, field location of a large number was required. Several in the Intracoastal Waterway of Apalachicola Bay, just east of the entrance to the Apalachicola River, were about four miles offshore. Sextant fixes were obtained at the aid; also, they were cut-in by theodolite from shore. In turn, they were plotted on the cronaflex print of the map manuscript, which is a part of field edit data. Sextant fixes were made at other aids and also plotted on the cronaflex.

Up-river the daybeacons are of a rather temporary nature, in my opinion. Most so far recovered are triangles or squares appropriately painted and attached to trees on points of land. Where they are obviously meant to be on an extreme point, that point has been pricked direct on the photo. In some instances the tree to which the mark is attached could be identified and has been pricked. All should be within a half millimeter of true position and quite satisfactory for their intended use. A few are mounted on 4"x 4" posts. One—No. 83A—is nailed to one of several logs lying on a point. In at least one instance a sextant fix was used to locate a daybeacon not on a prominent point.

Lights and daybeacons located by field methods have been plotted on the cronaflex. Those pricked direct on the photographs have not. All have been listed on Form 567 but none scaled.

Scattered throughout the sheets are piles and dolphins at which sextant fixes were taken. All have been plotted on the cronaflexes.

Additions, deletions and corrections have been noted on the Field Edit Sheet—Discrepancy Print, or the photographs, with cross-referencing in each instance.

Violet ink was used for all field edit notes.

In addition to the Field Edit Sheet and cronaflex, field edit information will be found on the following color photos: 6755339; 6517098, 7099, 7101, 7102, 7103, 7104, 7105, 7106, 7107, 7108, 7109, 7110, 7111, 7119, 7120, 7121, 7122, 7123, 7124, 7125, 7128, 7129, 7134, 7136, 7137, 7138, 7139, 7150, 7151, 7153; and transparencies 8005, 8007, 8010, 8016, 8019, 8020, 8021, 8022, 8023, 8025, 8026, 8027, 8030, 8032, 8049, 8050, 8053, 8054, and 8069.
52. ADEQUACY OF COMPILATION

After application of field edit corrections, additions and deletions, compilation will be adequate.

53. MAP ACCURACY

No tests were specified.

54. RECOMMENDATIONS

None offered.

55. EXAMINATION OF PROOF COPY

Not required.

GEOGRAPHIC NAMES

This is the subject of a separate report.

Submitted 3/6/68

William H. Shearouse,
Chief, Photo Party 60
supplemented with a most thorough field edit, these manuscripts will provide a base for an excellent chart and any subsequent revision needs.

67. Geographic Names

A thorough geographic names investigation was conducted for this project. A listing of approved geographic names is included in each report.

Approved by,

[Signature]
Chief, Photogrammetric Br.

Reviewed by,

[Signature]
Cartographer

[Signature]
Chief, Photogrammetry Div.

[Signature]
Chief, Marine Charts Div.
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6606 (Apalachicola River, Fla.)
T-13011

Alligator Creek
Apalachee Bend
Apalachicola National Forest
Apalachicola Northern
Apalachicola River
Battle Bend
Beards Landing
Big Cypress Swamp
Bills Arm
Bird Bay
Black Creek
Boggy Jordan
Brickyard Creek

Brickyard Cutoff
Brickyard Island
Brickyard Landing
Brothers River
Brushy Creek
Bryants' Landing
Burgess Creek
Burgess Landing
Carl Culbreth Slough
Chipola Cutoff
Chipola River
Cockran Landing
Coffee Branch
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6606 (Apalachicola River, Fla.)
T-13011

Coon Island
Corley Slough
Cotton Landing
Cutoff Island
Cypress Creek
Dalkeith
Dead Lake
Dead Lakes Dam
Devon Creek
Douglas Creek
Douglas Landing
Everett Slough
Fields Branch

Forbes Island
Florida River
Fort Gadsden Creek
Fort Gadsden Landing
Fort Gadsden State Park
Gaskins Still
Glenn Hammock
Gregory Mill Pond
Gum Drift Slough
Hathcock Bay
Hickory Landing
Honeyville
Hosford Pond
Howard Creek Road
Iola
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6606 (Apalachicola River, Fla.)
T-13011

Iola Lake
Iola Landing
Jinkes Slough
Kennedy Creek
Kentucky Lake
Kentucky Landing
Lake Alice
Lake Coma
Lake Grove
Lake Julia
Lake Shipsey
Lands Landing
Larkin Fish Camp
Larkin Slough
Lister Camp
Lister Landing

Little Owl Creek
Locky Lake
Louisa Bend
Louisa Reach
Lower Pinesy Reach
Lukes Ford Swamp
Maddox Slough
Magnolia Bluff
Magnolia Slough
McCave Island
Moccasin Slough
Needles Eye
Nesbitts Camp
Overstreet Road
Owl Creek
Owl Landing
<table>
<thead>
<tr>
<th>Geographic Names</th>
<th>Geographic Names</th>
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<tr>
<td>Petty Pond</td>
<td>Smith Branch</td>
</tr>
<tr>
<td>Pig Island</td>
<td>Smith Creek</td>
</tr>
<tr>
<td>Piney Reach Slough</td>
<td>Smith Creek Landing</td>
</tr>
<tr>
<td>Poplar Branch</td>
<td>Soloman Lake</td>
</tr>
<tr>
<td>Post Office Bay</td>
<td>Stone Mill Creek</td>
</tr>
<tr>
<td>Red Bull Island</td>
<td>Sumatra</td>
</tr>
<tr>
<td>River Styx</td>
<td>Swift Slough</td>
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<tr>
<td>Roberts Slough</td>
<td>Tates Hell Swamp</td>
</tr>
<tr>
<td>Robinson Bay</td>
<td>Taylor Branch</td>
</tr>
<tr>
<td>Rooted Devil</td>
<td>The Fingers</td>
</tr>
<tr>
<td>Rowletts Creek</td>
<td>The Log Jam</td>
</tr>
<tr>
<td>Saultter Branch</td>
<td>Tom Smith Branch</td>
</tr>
<tr>
<td>Scott Creek</td>
<td>Upper Piney Reach</td>
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<tr>
<td>Sheep Islands</td>
<td>Van Horn Slough</td>
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<tr>
<td>Shephard Lake</td>
<td>Virginia Cut</td>
</tr>
<tr>
<td>Shephard Slough</td>
<td>West Arm Creek</td>
</tr>
<tr>
<td></td>
<td>Wewahitchka</td>
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</table>
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6606 (Apalachicola River, Fla.)
T-13011

Whisky George Creek
White Oak Landing
Whites River
Willis Landing
Willis Landing Road
Wright Lake
Wright Landing
Woodcock Lake
Wynn Landing

Woodcock Lake

Approved by:
A. Joseph Wright
Chief Geographer

Prepared by:
Frank W. Pickett
Cartographic Technician
I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by

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<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Position</th>
<th>Method of Location and Survey No.</th>
<th>Date of Location</th>
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<td></td>
<td>LATTITUDE ° ′ ″ D.P.METERS N.A.</td>
<td>Longitudes ° ′ ″ D.P.METERS</td>
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<td>T-13011 2/13/58</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E.64 SC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>APALACHECOOLA RIVER</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DAYEN 74</td>
<td>(Dayen nailed to a tree)</td>
<td></td>
<td>30 02.4</td>
<td>169.2</td>
<td>85 08.3</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DAYEN 75</td>
<td></td>
<td></td>
<td>30 02.4</td>
<td>177.2</td>
<td>85 08.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DAYEN 80</td>
<td></td>
<td></td>
<td>30 05.1</td>
<td>257.2</td>
<td>85 08.3</td>
</tr>
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<td></td>
</tr>
<tr>
<td></td>
<td>DAYEN 80A</td>
<td>(log)</td>
<td></td>
<td>30 07.7</td>
<td>2152.7</td>
<td>85 08.7</td>
</tr>
</tbody>
</table>

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if re-deternined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS