13011

13011

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey CHART COMPILATION

Field No. PH-6606 *Office No.* T-13011

LOCALITY

State FLORIDA

General locality APALACHICOLA

Locality WEWAHITCHKA

1965-68

CHIEF OF PARTY

V. Ralph Sobieralski
Div. of Photogrammetry, Wash. D. C.

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

(1)

FORM C&GS-181a
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T -13011

PROJECT NO. (II):
PH-6606

FIELD OFFICE (II):
Rockville, Maryland

CHIEF OF PARTY
V. Ralph Sobieralski

PHOTOGRAMMETRIC OFFICE (III):

OFFICER-IN-CHARGE

INSTRUCTIONS DATED (II) (III):
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

MANUSCRIPT 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 (25) refer to mean high water
Elevations shown as (5) 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 (II) 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.

USCOMM-DC 16276A-P61

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FORM C&GS-181b
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T- 13011

FIELD ~~INSPECTION BY~~ (II): 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~~ Marine Chart Division	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 / PLANIMETRY: John C. Richter	DATE Sept. 1967
CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): John C. Richter. Field edit data applied by John C. Richter	DATE Sept. 1967
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): J. Battley	DATE Sept. 1969
REMARKS:	

USCOMM-DC 36393B-P66

(3)

FORM C&GS-181c
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-13011

CAMERA (KIND OR SOURCE) (III):

RC-9

PHOTOGRAPHS (III)

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

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:			
SUBORDINATE STATION:			
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J. P. Battley		DATE: May 1969
PROOF EDIT BY (IV):		DATE:
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	RECOVERED:	IDENTIFIED:
NUMBER OF BM(S) SEARCHED FOR (II):	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-to 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 adjustment 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.

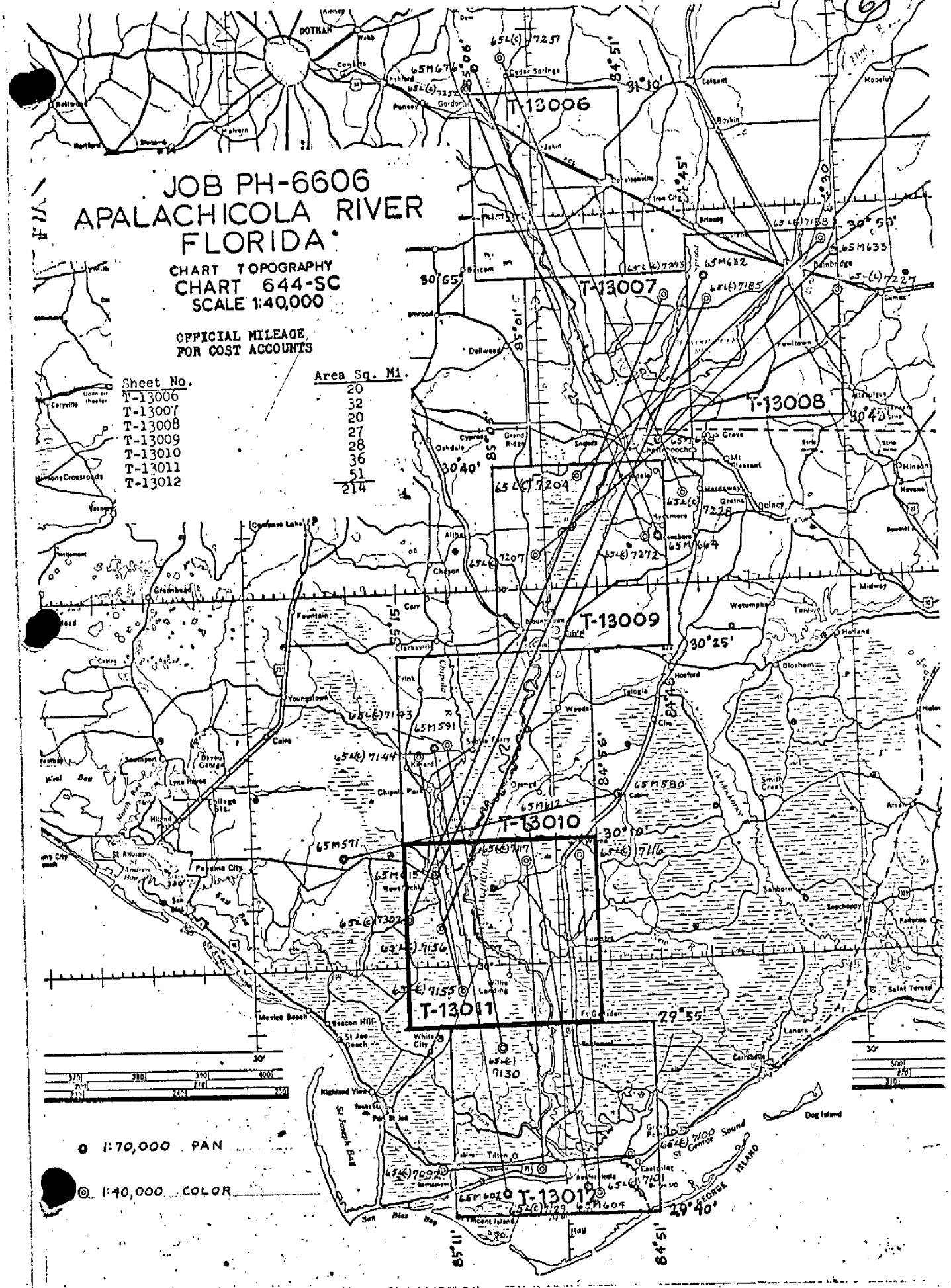
A Chart Division Manuscript copy of each manuscript was supplied the Marine Chart Division.

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.


JOB PH-6606
APALACHICOLA RIVER
FLORIDA
CHART TOPOGRAPHY
CHART 644-SC
SCALE 1:40,000
OFFICIAL MILEAGE
FOR COST ACCOUNTS
Sheet No. Area Sq. Mi.
T-13006 20
T-13007 32
T-13008 20
T-13009 27
T-13010 28
T-13011 36
T-13012 51
214
T-13006
T-13007
T-13008
T-13009
T-13010
T-13011
T-13012
1:70,000 PAN
1:40,000 COLOR

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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 (7) 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 RC-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. 1872 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.

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25. Photography

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

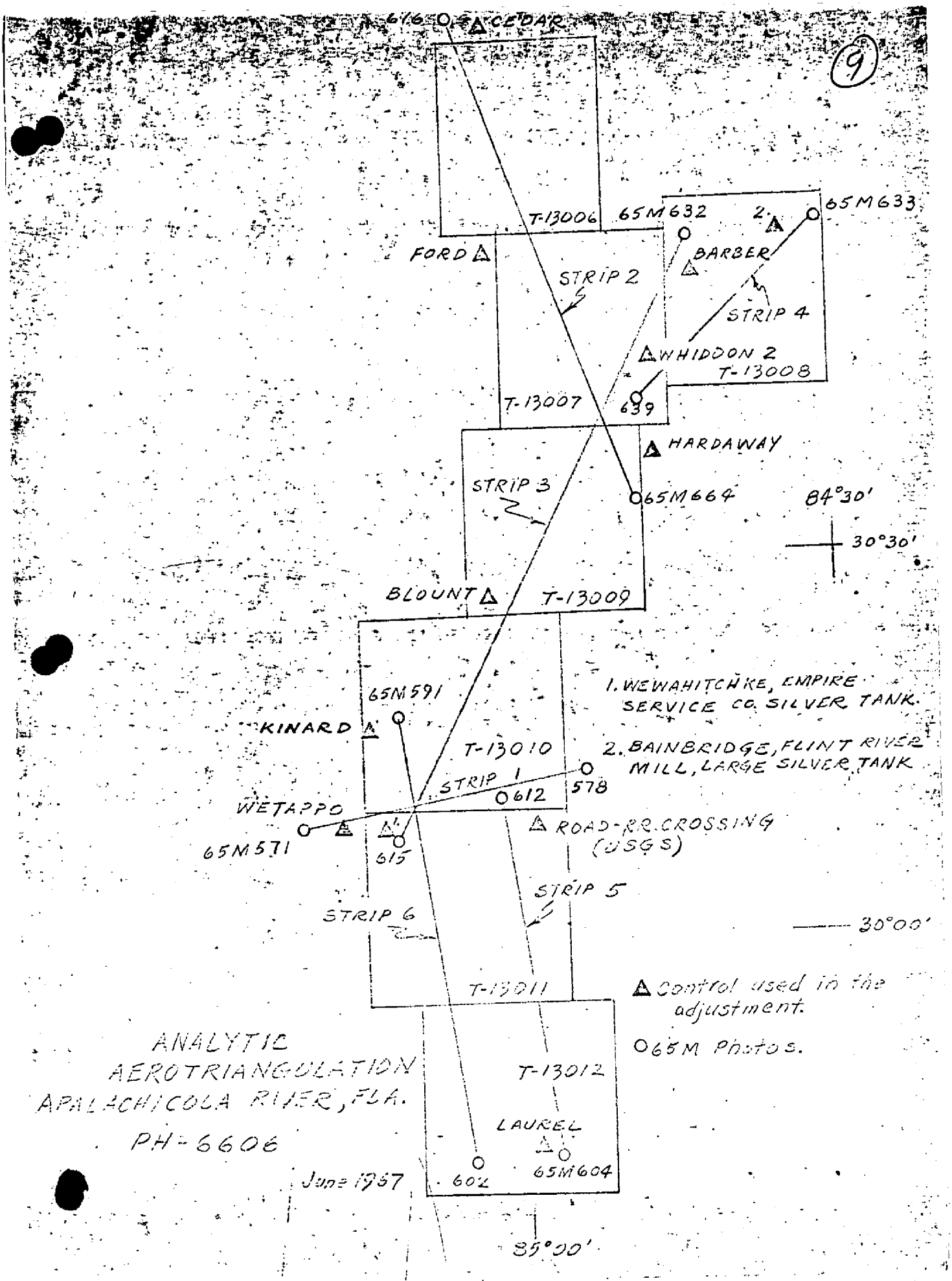
Respectfully submitted,

IIS

Irving L. Saperstein

Approved and forwarded,

Henry P. Eichert
Acting Chief, Aerotriangulation Section



ANALYTIC
AEROTRIANGULATION
APALACHICOLA RIVER, FLA.

PH-6606

June 1957

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COMPILATION REPORT
PROJECT PH-6606
T-13011
APALACHICOLA, FLORIDA
September 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 transpariences 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.

No contours.

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

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40. Horizontal and Vertical Accuracy.

This survey complies with the national standards of accuracy.

41. thru 45.

Inapplicable

46. Comparison with Existing Maps.

Comparison was made with U.S.G.S. Quads. White City, Florida Forbes Island, Florida, editions of 1944. Fort Gadsden, Florida. Wewahitchka 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.

K. N. Maki

Kal N. Maki
Chief, of Compilation

Submitted by

John C Richter

John C. Richter
Cartographer

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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 (C1413).

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, deletions 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 tru 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 a 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: 67S5339; 65L7098, 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

William H. Shearouse,
Chief, Photo Party 60

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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,

Chief, Photogrammetric Br. DHB

Chief, Photogrammetry Div.

Reviewed by,

Peter P. Battley Jr
Cartographer

Chief, Marine Charts Div.

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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 – J. M. P. agw.
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

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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 - F.G.N.F. a.j.w.
Fort Gadsden Landing
Fort Gadsden State Park
Gaskins Still
Glenn Hammock
Gregory Mill ~~Pond~~ creek - F.P. a.j.w.
Gum Drift Slough
Hathocock 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 Shippey
Lands Landing
Larkin Fish Camp
Larkin Slough
Lister Camp
Lister Landing
Little Owl Creek
Locky Lake
Louisa Bend
Louisa Reach
Lower Piney Reach
Lukes Ford Swamp
Maddox Slough
Magnolia Bluff
Magnolia Slough
McCave Island
Moccasin Slough
Meedles Eye
Nesbitts Camp
Overstreet Road
Owl Creek
Owl Landing

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GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6606 (Apalachicola River, Fla.)
T-13011

Petty Pond
Pig Island
Piney Reach Slough
Poplar Branch
Post Office Bay
Red Bull Island
River Styx
Roberts Slough
Robinson Bay
Rooted Devil
Rowletts Creek
Saulter Branch
Scott Creek
Sheep Islands
Shephard Lake
Shephard Slough
Smith Branch
Smith Creek
Smith Creek Landing
Soloman Lake
Stone Mill Creek
Sumatra
Swift Slough
Tates Hell Swamp
Taylor Branch
The Fingers
The Log Jam
Tom Smith Branch
Upper Piney Reach
Van Horn Slough
Virginia Cut
West Arm Creek
Wewahitchka

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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~~ Woodcock Lake J.M.P. A.J.W.
Wynn Landing

Approved by:
A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:
Frank W. Pickett
Frank W. Pickett
Cartographic Technician

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO ~~BE REVISED~~
TO ~~BE DELETED~~
} STRIKE OUT TWO

_____, 19____

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 _____

Chief of Party.

STATE: FLORIDA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	APALACHICOLA RIVER												
DAYBN 74	(Daybn nailed to a tree)		30 02.4	22.708 / 699.2	85 08.9	58.253 / 1560.7	N.A. 1927	Photo Plot T-13011	2/13/68				64-SC
DAYBN 76	(" " " " ")		30 02.5	32.450 / 999.2	85 08.3	05.121 / 137.2	"	"	"				"
DAYBN 80	(" " " " ")		30 05.1	07.380 / 227.2	85 08.2	09.749 / 261.1	"	"	"				"
DAYBN 83A	(" " " " log)		30 07.7	43.930 / 1352.9	85 08.7	43.489 / 1164.1	"	"	2/14/68				"

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 *nonfloating aids* to navigation, if redetermined, 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

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