

12821 THRU 12825

12821 THRU 12825

Diag. Cht. No. 1.

FORM C&GS-504

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

DESCRIPTIVE REPORT

Type of Survey Chart Compilation
Field No. Ph-6501 Office No. T-12821 thru T-12825
(Chart 635 S.C.)

LOCALITY

State South Carolina - Georgia
General locality Savannah River
Locality Pfeiffers Landind to Augusta

1964-65

CHIEF OF PARTY
J.K.Wilson, Chief of Field Party
J.Bull, Portsmouth Photo. Officer

LIBRARY & ARCHIVES

DATE November 1967

FORM C&GS-181a
(12-61)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYT-12821W T-12822
T-12821E T-12823NDESCRIPTIVE REPORT - DATA RECORD
(CHART 635) S.C.T-12823S T-12824E
T-12824W T-12825N
T-12825S

PROJECT NO. (II):

21510

PH 6501

FIELD OFFICE (III):

STATESBORO, GEORGIA

CHIEF OF PARTY

J. K. WILSON

PHOTOGRAMMETRIC OFFICE (III):

PORTSMOUTH, VA. (NORFOLK REGIONAL OFFICE)

OFFICER-IN-CHARGE

J. BULL

INSTRUCTIONS DATED (II) (III):

FIELD - DEC. 16, 1964
 OFFICE - MAY 14, 1965
 GENERAL (PROVISIONAL) REVISED (NOT DATED) RECEIVED JUNE 4, 1965
 SUPPLEMENTAL - JUNE 1, 1965
 LETTER - (SECURITY AREA) FEB. 8, 1965

METHOD OF COMPILATION (III):

KELSH PLOTTER, WILD B-8, AND GRAPHIC

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000 (KELSH) 1:5,000 (B-8)

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 MERCATOR PROJECTION

VERTICAL DATUM (III): MHW

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):

HATTIEVILLE, 1901

LAT.:

33° 06' 40.199" ✓

LONG.:

81° 36' 37.039" ✓

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

Y = 465,437.14 ✓

X = 1,813,127.01 ✓

STATE

S. CAROLINA

ZONE

SOUTH

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.

DESCRIPTIVE REPORT - DATA RECORD
(CHART 635) S.C.

FIELD INSPECTION BY (III): E. W. Hartford		DATE: March, 1965
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): AIR PHOTO COMPILATION		
DATES OF PHOTOGRAPHY: PAN Oct. 30, 1964 Nov. 21, 1964		COLOR Nov. 21, 1964 June 27, 1965
PROJECTION AND GRIDS RULED BY (IV): MERCATOR - J.E.G. - Washington Science Center STATE GRIDS - K. Boyle		DATE May, 1965 June, 1965
PROJECTION AND GRIDS CHECKED BY (IV): MERCATOR - A. J. L. - Washington Science Center STATE GRIDS - B. Barge <i>* See below</i>		DATE May, 1965 June, 1965
CONTROL PLOTTED BY (III): K. BOYLE B. BARGE		DATE June and July, 1965
CONTROL CHECKED BY (III): B. BARGE K. BOYLE		DATE June and July, 1965
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): WASHINGTON SCIENCE CENTER		DATE June, 1965
STEREOSCOPIC INSTRUMENT COMPILATION (III): B. Barnes L. Sullivan L. Neterer K. Boyle B. Wilson C. Blood H. Cordell A. Santillan		PLANIMETRY DATE July-Aug., 1965
		CONTOURS DATE
MANUSCRIPT DELINEATED BY (III): Same as above listed		DATE Aug.-Sept., 1965
SCRIBING BY (III): H. Cordell, B. Barge, L. Graves, C. Blood, L. Sullivan, B. Barnes, A. Santillan		DATE Aug.-Oct., 1965
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): A. Rauck, Jr. C. Bishop L. Graves R. Smith		DATE Sept.-Oct., 1965
REMARKS: Data for this chart compilation is composed of 9 T-sheet compilations: T-12821W/2 through T-12825S/2, from Latitude 32° 47' to latitude 33° 34' <i>* Plotted state grid intersections were furnished</i> <i>the Marine Chart Division. They are not</i> <i>included on the registered maps</i> <i>SLD</i>		

DESCRIPTIVE REPORT - DATA RECORD
(CHART 635) S.C.

CAMERA (KIND OR SOURCE) (III):

SINGLE LENS TYPE "S" AND "L"

REFER TO Transmittal letter copies in
book of report for list of field photos

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 S(C) 1103A thru 64 S(C) 1313A	Nov. 21, 1964	11:37 thru 13:21	1:10,000	Above Point of Estimated Tide Water *
65 L(C) 948 thru 65 L(C) 1016	Feb. 27, 1965	13:30 thru 13:58	1:10,000	" *
64 S 9503 thru 9506 64 S 9527 " 9534	Oct. 13, 1964	12:12 12:28	1:30,000	Above Point *
64 S 9546 " 9565	"	12:43	"	" " *
64 S 9592 " 9597	"	13:01	"	" " *
64 S 9601 " 9612	"	13:07	"	" " *
64 S 9627 " 9635	"	13:25	"	" " *
64 S 9655 " 9674	"	13:40	"	" " *

TIDE (III) NOT COMPUTED

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: NONE USED			
SUBORDINATE STATION: " "			
SUBORDINATE STATION: " "			

WASHINGTON OFFICE REVIEW BY (IV): *FINAL* M.M. SLAVNEY NORFOLK REGIONAL OFFICE
*** see below* L.F. BEUGNET
DATE: Dec. 1965, JAN. 1966

PROOF EDIT BY (IV): " " DATE: Jan. 1966

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 32	RECOVERED: 18	IDENTIFIED: 18
NUMBER OF BM(S) SEARCHED FOR (II): None	RECOVERED: None	IDENTIFIED: None
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):	None	
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):	None	

REMARKS:

* CHART DIVISION DATA INDICATES THE TIDES ARE NON-PERCEPTIBLE AT A POINT 44.8 MILES UPSTREAM FROM THE MOUTH OF THE SAVANNAH RIVER. AT 34.8 MILES FROM THE MOUTH OF THE SAVANNAH RIVER, THERE IS A 1.5' TO 2.0' MEAN RANGE OF TIDE. THESE CONDITIONS EXIST ONLY DURING NORMAL RIVER CONDITIONS.

*** S.G. BLANKENBAKER APRIL 1966**NOTE: Comparison Prints & CSI cards
stored in Federal Records Center*

T-12821W/2 THROUGH T-12825S/2
(CHART 635) S.C.

COMPILATION RECORD

COMPLETION DATE

REMARKS

PRELIMINARY	July-Aug., 1965	SUPERCEDED
FIELD EDIT APPLIED	Aug.-Sept., 1965	

T-12821
W/2

T-12821
E/2

T-12822

T-12823
N/2

T-12823
S/2

T-12824
W/2

T-12824
E/2

T-12825
N/2

T-12825
S/2

T-12826
N/2

PART I
PROJECT 21510
CHART TOPOGRAPHY
SAVANNAH TO AUGUSTA
Georgia & S. Carolina
SCALE, 120,000

MIDDLE LAT.
33°10'
CHART 635 (SC)

OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet Number	Area Sq. Mi.	Shoreline Lin. Mi.
T-12821 W/2	13	12
T-12821 E/2	13	16
T-12822	14	20
T-12823 N/2	24	43
T-12823 S/2	25	32
T-12824 W/2	21	19
T-12824 E/2	24	29
T-12825 N/2	28	34
T-12825 S/2	24	43
Part I Totals	186	248

82° 00'

33°30'

33°15'

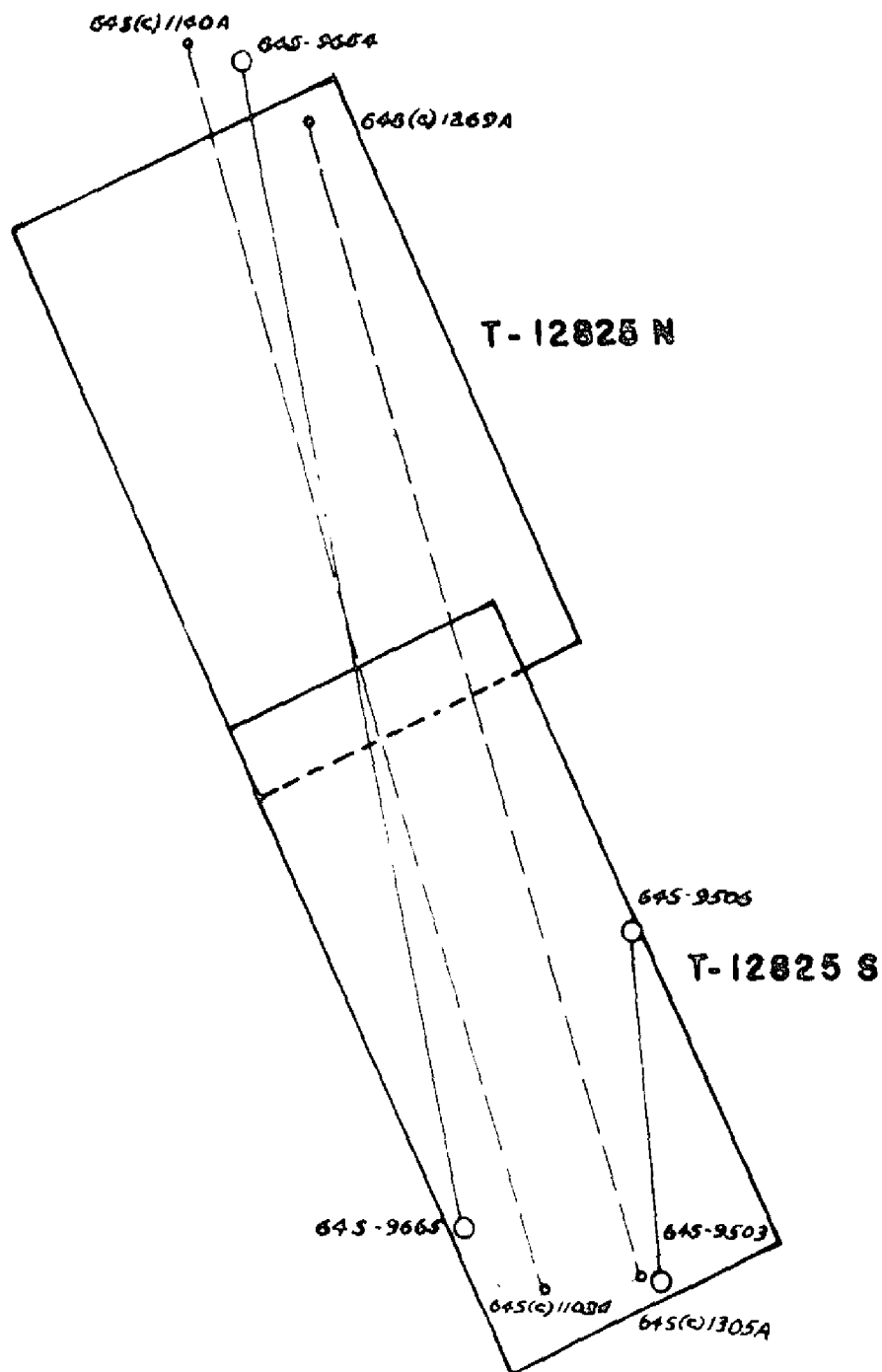
33°00'

32°45'

AUGUSTA

CHART 635 SC

5A



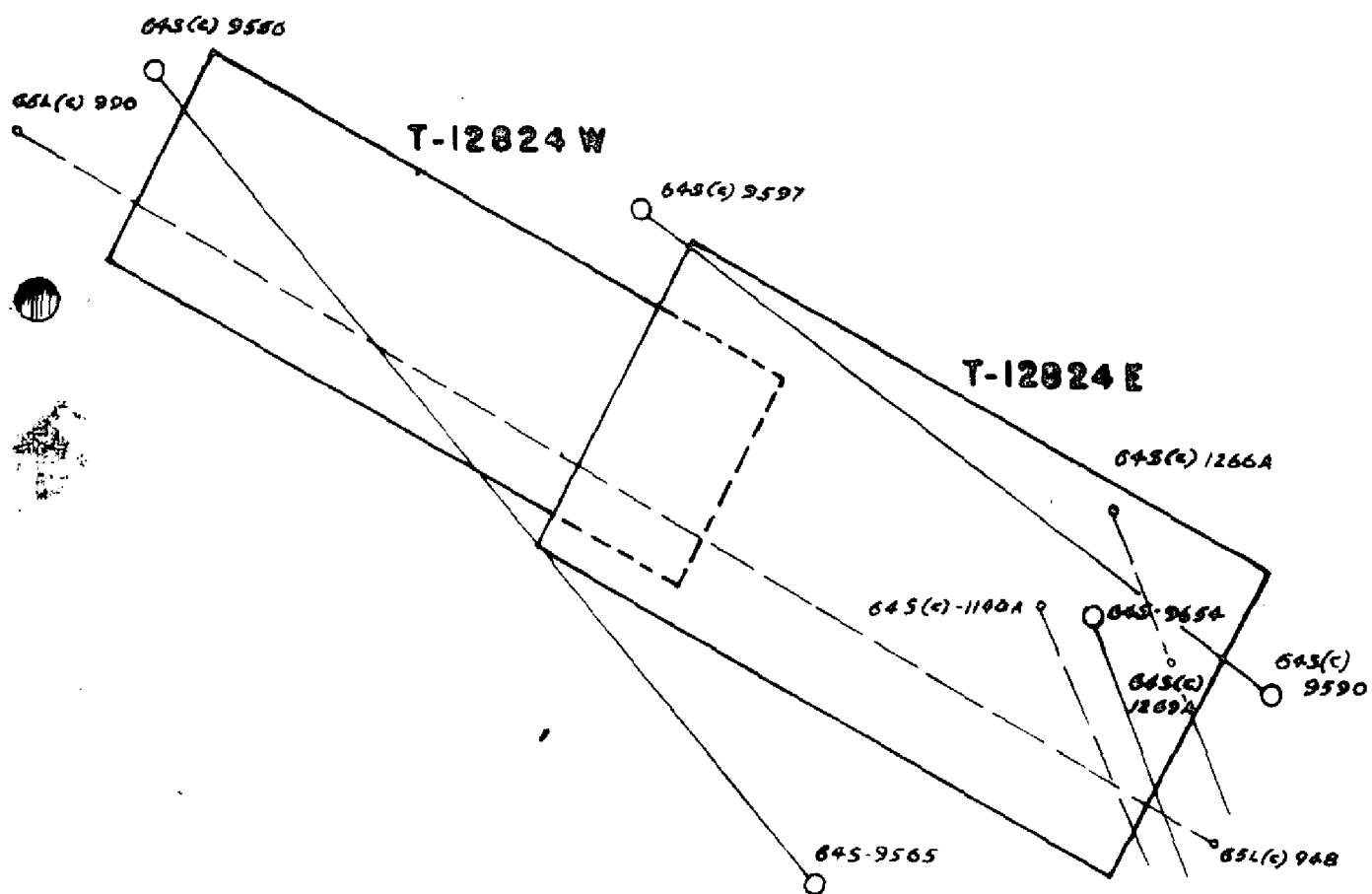


CHART 635 SC

50

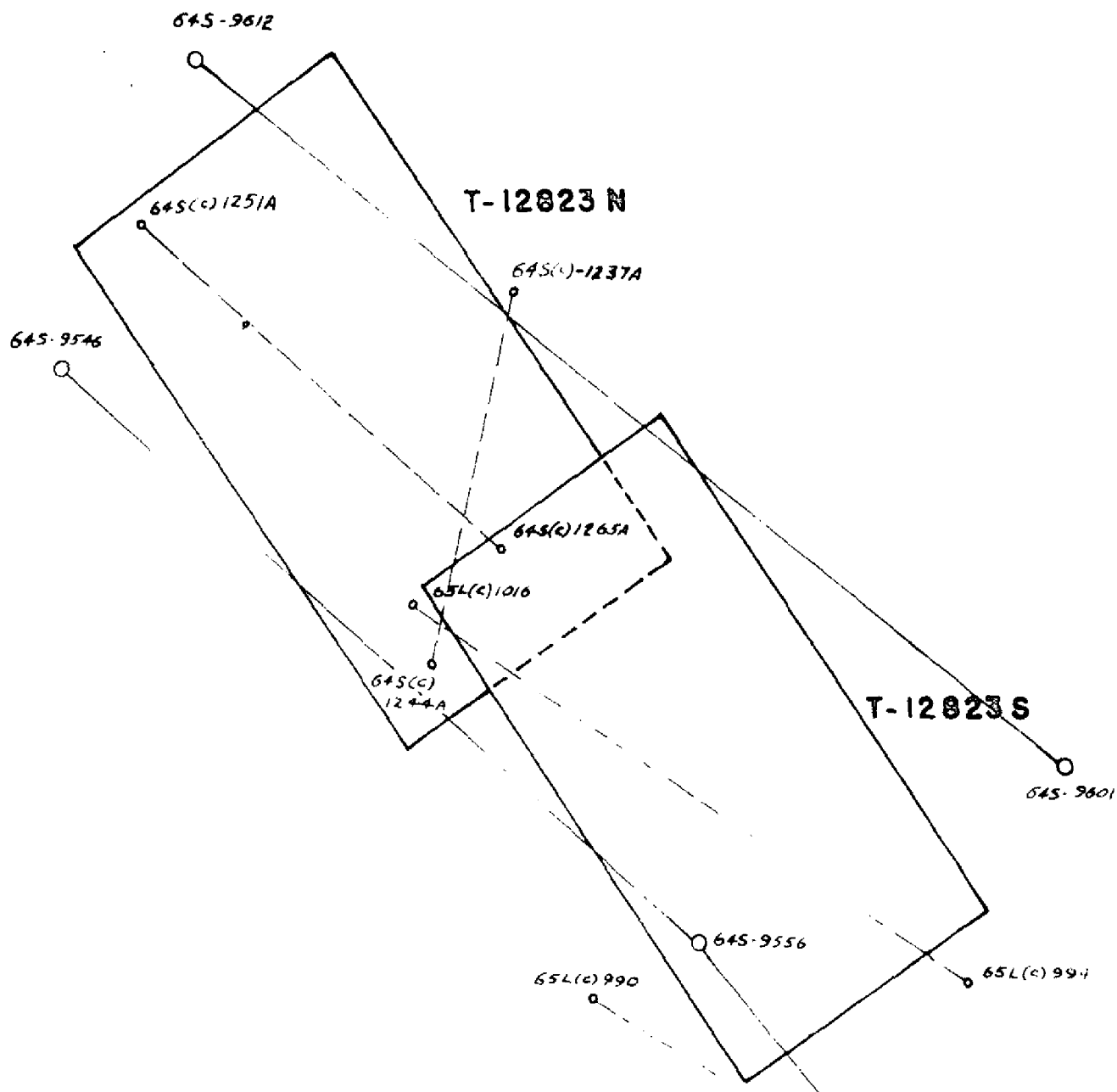
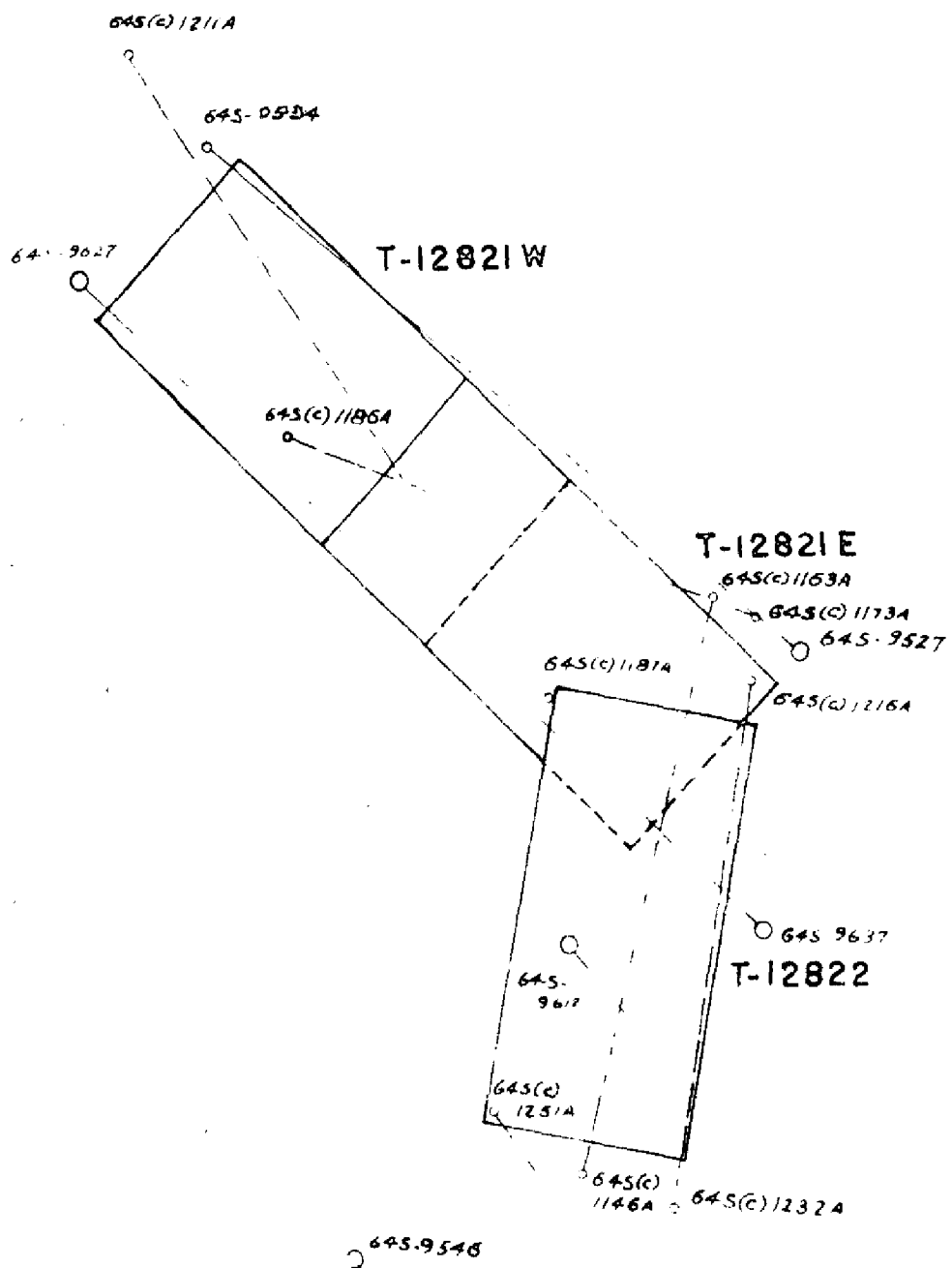


CHART 635 SC

50



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT FOR T-12821 thru T-12825 (Chart 635)

Nine chart compilation manuscripts, T-12821 E/2 and W/2, T-12822, T-12823 N/2 and S/2, T-12824 E/2 and W/2, and T-12825 N/2 and S/2 at 1:20,000 scale, comprise the northern portion of PH-6501 (21415). These manuscripts, see sketch on Page 5, are to be used in the compilation of Small Craft Chart 635.

This is a stereoscopic instrument project to be used in the compilation of 1:20,000 scale Small Craft Charts 634 and 635, Savannah River from Savannah to Augusta, Georgia. The stereo-bridge was run on 1:70,000 scale RC-9 photographs, taken Oct. 13, 1964, and drilled points were transferred to 1:30,000 scale RC-8 diapositives taken October 13, 1964. Color transparencies at 1:10,000 scale, taken Nov. 21, 1964 and Feb. 27, 1965 were furnished to assist in delineation of the shoreline and identification of the aids to navigation.

The field operations preceeding compilation were confined to control identification for the stereo bridge, and identification of aids to navigation and landmarks for nautical charts. Compilation was done without further field inspection.

Field edit was confined to the river, and details visible from the river, including aids to navigation and landmarks for charts.

Chart compilation manuscripts were furnished the Chart Division before final review. The Registration manuscript is furnished for registry, and a cronaflex copy is furnished for the Chart Division.

FIELD REPORT
Project 21510
SAVANNAH RIVER

Field work was accomplished in accordance with Instructions dated December 16, 1964, reference 6314, and was comprised of the following phases.

HORIZONTAL CONTROL

Horizontal control identification was started January 13th and completed February 19th. Eighteen control stations were recovered and identified; fourteen others were searched for and not recovered. It is believed that control requirements have been satisfied.

Quality of the photographs used for identification was fair.

LANDMARKS AND AIDS TO NAVIGATION

Investigation and identification of nonfloating aids to navigation and landmarks was completed March 4, 1965. Form 567 is being submitted for landmarks only.

The river was traversed by small boat from Savannah to Augusta to inspect and identify nautical landmarks. While doing so, aids visible on the photographs were circled and the approximate positions of the ones not visible were circled, as an aid to the compiler. Most of the numbers have been broken off the aids, apparently by high water (those with numbers were noted on the photos) and some of the piling are missing. The piling are concrete and about 8 inches square. Some are at the down-river dolphin of several, angling inshore upriver; others are at the outer end of the down-river wood groin which is the longest of several, perpendicular to the shore. Also, a few obstructions in the river were noted, such as sunken barges and trees.

A few of the better boat ramps were circled for use by the field editor.

GEOGRAPHIC NAMES

This is the subject of a special report prepared by Philip B. Walbolt and submitted to the Washington Office on Feb. 18, 1965.

DATES OF DATA TRANSMITTALS

January 28, 1965, Reference No. 18; February 10, 1965, Reference No. 19; February 25, 1965, Reference No. 21; and March 12, 1965, Reference No. 26.

Submitted 3/12/65

Ernest W. Hartford
Ernest W. Hartford
Surveying Technician

Approved and forwarded

Joseph K. Wilson
Joseph K. Wilson,
Chief, Photo Party 759

PHOTOGRAMMETRIC PLOT REPORT

The Photogrammetric Plot Report, dated June, 1965 has been submitted with Descriptive Report for Chart 634.



MAP T-1000 CHART 635

PROJECT NO
PH-6501

SCALE OF MAP 1:20,000

SCALE FACTOR

[illegible]

1 FT. = .3048006 METER A.C. Rauck, Jr.
COMPUTED BY:

Sept. 24, 1965

CHECKED BY: A. Santillan

DATE:

Sept. 24, 1965

Compilation Report
Chart 635

31. DELINEATION

Delineation of T-12821E and T-12821W was done with the Kelsh plotter and the Wild B-8 plotter.

The remaining seven T-sheets were compiled with the Kelsh plotter.

All sheets were further completed by using the color transparencies, which supplemented the 1:30,000 scale compilation photography. These color transparencies were particularly important in the delineation and compilation of offshore snags, trees in water, and non-floating aids, especially where tree overhang and shadow obliterated details on the Kelsh models.

The high altitude bridging photos were used with the vertical projector only where it became necessary to complete a T-sheet not adequately covered by the 1:30,000 scale compilation photos. The flight paths of the compilation photos covering T-12823N were located on each side of the river in such a manner that side photo lap was very poor, and a portion of the shoreline of this sheet was compiled from the high altitude photos.

32. CONTROL

Vertical control was not required for this project.

Refer to the photogrammetric Plot Report which is included with Descriptive Report for Chart 634.

Pass points from the analytic bridge were held. In some Kelsh models, it was difficult to clear parallax because of dark photography and all pass points could not be held. In these models the pass points closest to the river were held.

On T-12823N, the flight lines were on each side of the Savannah River. These flight lines were so poorly flown that side lap was very inadequate and in some places non-existent.

In these models, where it was not possible to hold all pass points, those points parallel to the river were held.

Where lack of side lap between these flight lines occurred, the gap area was filled, by compiling from the bridging photos with the vertical projector.

33. SUPPLEMENTAL DATA

Supplemental data consisted of the following quadrangles:

Augusta West,	U.S.C. of E.	Scale	1:24,000	Dated	1957
Augusta ,	"	"	1:62,500	"	1921
Clarks Hill ,	"	"	"	"	1941
Warrensville,	"	"	"	"	1923
Greens Cut ,	"	"	"	"	1920
Hilltonia ,	"	"	"	"	1943
Allendale ,	"	"	"	"	1919
Ellenton ,	"	"	"	"	1921
Peeples ,	"	"	"	"	1943

33. SUPPLEMENTAL DATA (Cont.)

Although these quadrangles were initially submitted for use as geographic names, they were also for comparison purposes to meet the requirements of the combined Comparison - Field Edit print.

Comparison showed very little detail as regards shoreline and offshore details. Much change, in the course of the river, has occurred since the dates of these quadrangles. Numerous man made cut-offs appear in the new compilation which are not in evidence on the quadrangle maps.

All of the T-sheets in the area of this new small craft chart 635 are well above the limits of tide water and there were no inland charts or prior bureau surveys available for further supplemental use or comparison.

34. CONTOURS AND DRAINAGE

Contours are inapplicable to this project.

Drainage compilation, in some instances, was not good, because of photo or Kelsh plate quality or the inability to properly trace drainage through swamp areas. The color transparencies were used to delineate drainage in these areas, and where color coverage was inadequate, the quadrangle maps and the vertical projector was used.

The following ponds and drainage features are typical examples of drainage which appear to be non-existent on the photography, although they were recommended by the Geographic Names Section. These were traced from the quadrangle maps:

Roberson Round Ponds
Breakover Pond
Barn Gut
Paris Lake
Black Gut
Tower Three Runs

35. SHORELINE AND ALONGSHORE DETAILS

There is no field inspection for this project. See Field Report and Notes from the Field Editor submitted with Descriptive Report.

The delineation of shoreline is largely an apparent shoreline, inasmuch as a large part of both shores are mostly swamp and some marsh. The swampy shoreline is overhung with trees and shadow and without the benefit of shoreline inspection, the compiler ascertained the shoreline to be somewhat beneath this shadow and tree overhang.

No low water lines have been delineated, but shallow and shoal lines, both the office interpretation and the field editors verification, have been delineated.

Alongshore details such as areas foul with trees, stumps and snags, as well as trees in water were shown and verified during field edit.

Shoreline structures, other than groins, were limited to the north end of this project, along the shoreline at Augusta, Ga. These were shown as verified by the field editor.

36. OFFSHORE DETAILS

Refer to Notes from the Field Editor, submitted with this descriptive report.

Office interpretation of offshore details were called to the field editor's attention for verification and/or clarification. These items were then compiled or deleted as called for by the edit.

Most offshore details, groins excepted, appear in the vicinity of Augusta, Ga.

37 LANDMARKS AND AIDS

Forms 567 are submitted with this report for the 37 aids to navigation, and 11 landmarks to be charted, and one aid to be deleted.

These aids and landmarks were plotted directly from the Kelsh and B-8 models, when they could be seen with certainty. When shadow or tree overhang made this impossible, they were delineated from the color transparencies. All were verified by the field editor, and none were plotted by fix, except one daybeacon which lies within the area of T-12821E. This fix was furnished by field editor.

38. CONTROL FOR FUTURE SURVEYS

There ^{was} ~~was~~ no recoverable topographic stations or photo hydro stations established for this project.

39. JUNCTIONS

Junctions, consisting of overlap matches were made between each of the nine T-sheets within the limits of this new chart 635.

At the south end of this chart 635, T-12825S joins with T-12826N of chart 634. The scale change inherent in the construction of a Mercator projection, especially when two systems of different middle latitudes join, was very apparent. This junction was resolved by using the vertical projector to change the scale of one to fit the other.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Photogrammetric Plot Report submitted with descriptive report for Chart 634, and item 32, Control, of this report

41. DETAILS NOT COVERED BY FIELD INSPECTION OR EDIT

No interior field inspection or edit was made. All inspection and/or edit was confined to shoreline only. Refer to Field Inspection Report and Notes from the Field Editor submitted with this report.

Public buildings, schools, churches, and any radio or T.V. towers (not of landmark value) were shown as per the project instructions.

These were delineated from the quadrangle maps covering the area, by projecting them to scale and further verifying their existence by comparison with the photography. This was necessary because of the age of the source material. There are no prior bureau surveys or nautical charts of this area.

Swamp areas were very difficult to determine from office interpretation of the photography. The quadrangle maps were used as an aid to locate the limits on the stereo-models. In areas where determination of swamp limits were difficult to delineate, they were used directly from the quadrangle maps.

The delineation of tree areas, was not included in the instructions of the project. These were shown and those clearings and tree areas not immediately adjacent to the shoreline, too small to be of value to charts, were eliminated.

Roads leading to the shoreline or shoreline facilities were delineated. Logging roads and trails of no value to charting were omitted, according to instructions.

Ponds, no longer in evidence on the photography but shown and named on the Geographic Name quadrangle, were delineated from the quadrangles and shown as intermittent ponds and labeled.

42. BLUFFS OF LANDMARK VALUE

Bluffs, considered to be of possible landmark value were delineated prior to field edit. These were determined to be approximately 50' to 100' in height, from examination of the quadrangles and elevation readings from the Kelsh stereo-models. However, the field editor, during his verification, decided that most of these were of no value to charts and identified smaller, bare bluffs in the vicinities of facility areas and recommended these for charting.

46. COMPARISON WITH EXISTING MAPS

Refer to items 33 and 41 of this report.

Comparison was made with all existing quadrangle maps and all differences were noted for the field editor on the Combined Comparison-Field Edit ozalid prints according to instructions. Field edit resolved all questionable items.

47. COMPARISON WITH NAUTICAL CHARTS

There are no prior nautical charts, in the area of this new small craft chart. Refer to item 33 of this report.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Respectfully submitted

Albert C. Rauck, Jr.
A. C. Rauck, Jr.

Approved and forwarded

J. Bull

J. Bull
Norfolk Regional Officer

48. GEOGRAPHIC NAMES

Geographic names quadrangles and lists were submitted by Mr. A. J. Wraight, for each T-sheet in the area of this chart survey.

Refer to "Geographic Names" of the Field Report submitted with this report.

The name lists did not always agree with names underlined on the quadrangles and underlining of these names on the quadrangles was not as clear as they could have been.

Some names were marked in such a manner, that it was difficult to determine if the name was approved or just scratched through.

Several instances of new names were added to the quadrangles and no attempt had been made to delete the old name. These are noted on the registration ozalid.

The following names, which were approved names on the geographic name U.S.G.S. Ellenton Quadrangle and the name list, are for features not identifiable on the photography and appear to be non-existent. They were placed on the T-sheet in the same position as they appear on the name quadrangle:

ROBERSON ROUND PONDS
BREAKOVER POND
BARN GUT
PARIS LAKE
BLACK GUT

*Names for objects not
mapped were removed by
final review.*

The location of the name BROWNS LANDING was not clear on the Geographic Name sheet. It was placed in the bend of the Savannah River just north of TELFAIR BAY and east of STONY BLUFF LANDING.

The name LOWER THREE RUNS was applied to the stream which is nearest to the placement shown on the Ellenton Quadrangle.

An alphabetical list of those names used from the 9 name quadrangles are as follows:

CHART 635 T-12821W thru T-12825S

AUGUSTA

BAILEYS POINT
BADGER BRANCH
BEAR ISLAND CREEK
BARN GUT
BARNEY BLUFF
BEAUFORT ISLAND
BEAVERDAM CREEK
BERRYHILL GUT
BLACK GUT
BLACK LAKE
BLACKS LANDING
BLUE HOLE DITCH
BOGGY GUT CREEK
BONAIR
BOY SCOUT POND
BRADFORD POINT
BREAKOVER POND

BRIDGE CREEK
BRIAR CREEK
BRIAR CREEK LANDING
BRIERPATCH LAKE
BRIGHAMS LANDING
BROWNS LANDING
BROWNS MILL
BURTONS FERRY
BURTONS FERRY LANDING
BUSH FIELD
BUTLER CREEK

CASON DEAD RIVER
CAT DITCH
CENTRAL OF GEORGIA
CHARLESTON AND WESTERN CAROLINA
CHICKEN BRANCH
CLARKES LAKE
CLUBHOUSE RIDGE

48. GEOGRAPHIC NAMES (Cont.)

COHENS BLUFF LANDING
COLMAN LAKE
COUNTRY CLUB HILLS
CROOKED CUT
CUTTER LAKE

DEAD RIVER
DEVILS ELBOW

EAGLE POINT
ECHEE POND
ELLISONS LANDING

FENNELL HILL LANDING
FOX CREEK
FURSE MILL CREEK

GRAYS LANDING
GREEN LOG POINT
GRIFFINS LANDING

HANCOCK LANDING
HARDENS DEAD RIVER
HATTIE CREEK
HERSHMAN LAKE
HILL CORNER
HOG GUT
HOLLOW CREEK
HOLMES DEAD RIVER
HORSE CREEK
HORSESHOE LAKE
HOUSE LAKE
HOWARDS LAKE

INTERSTATE 20
ISLAND LAKE

JOBBER CREEK
JOHNSONS LANDING

KING CREEK

LAGOON
LAKE OLMSTEAD
LITTLE BRIER CREEK
LITTLE BRIERPATCH LAKE
LITTLE HELL LANDING
LITTLE PINE CREEK

LITTLE PINE ISLAND
LITTLE SPIRIT CREEK
LITTLE SWEETWATER CREEK
LOWER SILVER BLUFF
LOWER THREE RUNS

MC BEAN CREEK
MILBURY
MILLER LAKE
MILLETT
MOUNT LAKE

NEWEURY CREEK
NEW SAVANNAH BLUFF
NORTH AUGUSTA

PARIS LAKE
PIPE CREEK
POINT COMFORT
POSSOM EDDY
PRESCOTT LAKE

QUEEN LAKE

RAES CREEK
RED BLUFF LANDING
RED LAKE
REEDS CREEK
RHODES MOUND
RING JAW POINT
ROBERSON ROUND PONDS
ROCK CREEK
ROCKY CREEK
ROYAL LAKE

SANDBAR FERRY
SAVANNAH RIVER
SAUCY BOY POINT
SHELL BLUFF LANDING
SHORMAKE LAKE
SILVER BLUFF
SMITHS LAKE CREEK
SMITH LAKE
SOUTHERN
SPANISH CUT
SPIRIT CREEK
SPRING RUN
STATE HIGHWAY 28

48. GEOGRAPHIC NAMES (Cont.)

STATE HIGHWAY 73
STATE HIGHWAY 104
STEEL CREEK LANDING
STONY BLUFF LANDING
STONY CREEK
SWEETWATER CREEK
SYRUP LAKE

TELFAIR BAY

WHIRLIGIG POINT
WHITES MOUND
WHITE WOMANS POINT
WILDCAT POINT

JOB PH-6501

SAVANNAH RIVER
Notes from Field Editor

This report is submitted for nineteen sheets along the Savannah River from Savannah, Georgia to North Augusta, Georgia. The field edit was accomplished from August 16 through August 31, 1965.

1. Obstructions in Water

As a whole, the compiler has done an excellent job on the delineation of trees, snags, stumps etc. along the waters edge. Many trees have fallen in the water where the bank has eroded. Other trees, which overhang the water, are mainly willow and gum. Sometimes these trees grow in the water especially in shallow places. Dead trees, snags etc. will photograph white. The cut-offs are shoaling-up fast and many of them are barely navigable.

We concur with the Washington Office suggestion that a general note be shown on the new charts concerning foul areas adjacent to the shoreline and that navigators use caution and be on the lookout for floating logs, debris, etc.

Generally, the river in its center portion, was free from obstructions. There is nearly always a strong current which tends to move the obstructions.

2. Bluffs

All bluffs were checked from the river to ascertain their value as landmarks. Most of the ones questioned by the compiler could not be seen from the river. You will note that the majority recommended are located near an old landing. The swamp trees are very tall, therefore obstructing the view of the bluffs.

3. Aids to Navigation

All aids to navigation were thoroughly checked. They have been described as to - type, color, condition and number. In accordance with a memorandum of August 10, form 567 for the aids will be submitted by the photogrammetric office. The aids, with the exception of a few at Savannah, consist of a one foot square precast concrete pile, which projects about 10 to 12 feet above high water. This concrete pile is usually about 2 to 3 feet downstream from the dow groin. In those cases where the aid was not on the groin, it has been noted on the field edit sheet.

The groins consist of a dolphin like structure (6 to 8 piles tied together) on the offshore end of of single pile lashed together with cable.

4. Landmarks for Charts

All landmarks were checked during field edit. One new landmark is recommended. It is located west of the end of navigation. Our field man, who investigated landmarks in the beginning, did an excellent job.

5. Boat Landings

A thorough investigation of boat landings was made. It was found that the quadrangle covering the area had many places shown as landings. Many of these are privately owned and of no value as a launch area. The names, however, are well known and should be shown on the new charts. Most of the launching ramps are maintained by the State or County, both in Georgia and South Carolina.

6. General

The west lane of US Highway 301, where it crosses the Savannah River, was under construction. Interstate Highway 20, in the western part of chart 635, was also under construction.

The Savannah River is not navigable a few miles upstream from Augusta. Rapids block-off further navigation. This area was inaccessible to the field editor. There are numerous rocks.

Submitted: September 1
1965

Joseph K. Wilson
Chief Photo Party 759

GEOGRAPHIC NAMES

Ph 21510 (Warrenville, S.C.-Ga.)

T-12821

Fox Creek.

North Augusta

Pole Branch

Savannah River

A. J. Wraight

A. J. Wraight

Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Augusta West, Ga.)

T- 12821

Augusta

Country Club Hills

Lake Olmstead

Raes Creak

A. J. Wright

A. J. Wright
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Clarks Hill, S.C. - Ga.)

T- 12821

Boy Scout Pond

Rock Creek

Savannah River

Bonair

Fox Creek

Reeds Creek

Poverty Hill

A. J. Wraight

A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Augusta, Ga.-S.C.)

T- 12822

Bush Field *(Augusta Main Airport)*

Spirit Creek

/ Savannah River

Bear Island Creek

Island Lake

Blue Hole Ditch

Cat Ditch

Bradford Point

Horseshoe Lake

Little Pine Creek

Hardens Dead River

New Savannah Bluff

/ Butler Creek

Twiggs

Beach Island

Rocky Creek

Badger Branch

Sandbar Ferry

Cason Dead River

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

Ph 21510 (Green Cut Ga.-S.C.)

T-12823

Black Lake

Atomic Energy Commission

Island Creek

Newbury Creek

Red Lake

Plant Comfort

Upper Three Runs

Shell Bluff Landing

McBean Creek

Savannah River Plant

Savannah River

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

Ph 21510 (Augusta, Ga.-S.C.)

T- 12823

McBean Creek

Rhodes Mound

Cutter Lake

Bush

Island Creek

Cowden

Grays Landing

Howards Lake

Eagle Point

Holmes Dead River

Colman Lake

Bridge Creek

Berryhill Gut

Barney Bluff

Bush Field

Little Spirit Creek

Little Brierpatch Lake

Lower Silver Bluff

Whites Mound

Baileys Point

Spirit Creek

Spanish Cut

House Lake

Jackson

Brierpatch Lake

Chicken Branch

Silverton

Silver Bluff

Savannah River

Clarkes Lake

Bear Island Creek

Hollow Creek

Hankinson

Kathwood Lake

Wasteway Pond

Island Lake

Blue Hole Ditch

Cat Ditch

Browns Hill

Bradford Point

Horseshoe Lake

Little Pine Creek

Hardens Dead River

New Savannah Bluff

Wright Spring Branch

Twiggs

Nail Spring

A. J. Wright

A. J. Wright

Geographic Names

GEOGRAPHIC NAMES

Ph 21510 (Greens Cut, GA.-S.C.)

T-12824

Beaverdam Creek

Fourmile Branch

Savannah River

Fourmile Branch

A. J. Wraight

A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Ellenton, S.C.-Ga.)

T- 12824 W

Brighams Landing

Beaverdam Creek

Ellisons Landing

Four Mile Branch

Griffins Landing

Pen Branch

Savannah River

Steel Creek

Jobler Creek

A. J. Wright

A. J. Wright
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Ellenton, S.C.-Ga.)

T-12824 E

Browns Landing
Black Gut
Barn Gut
Breakover Pond
Clubhouse Ridge
Little Sweetwater Cr.
Lower Three Runs
Little Pine Island
Echee Pond
Millett
Prescott Lake
Paris Lake
Pen Branch
Queen Lake
Royal Lake
Roberson Round Ponds
Smith Lake
Stony Bluff Landing
Syrup Lake
Savannah River
Sweetwater Creek
Shoemaker Lake
Steel Creek Landing
Hill Corner
Devils Elbow
Hog Gut
Little Hell Landing
Telfair Bay
Furse Mill Creek

A. J. Wraight
A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Allendale, S.C.)

T-12825

Browns Mill

Martin

Smiths Lake Creek ✓

Savannah River ✓

White Womans Pt. *Point* ✓

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

Ph 21510 (Hilltonia Ga.-S.C.)

T-12825

Briar Creek
Burtons Ferry
Burtons Ferry Landing
Braggs Mill Cr.
Bay Branch
Big Branch
Canes Store
Hershman Lake
Kittles Landing
Rocky Creek
New Bridge
Mount Lake
Savannah River

A. J. Wraight

A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Peeples, S.C.-GA.)

T-12825

Briar Creek Landing
Briar Creek
Brannans Bridge
Blacks Landing
Brierpatch Lake ✓
Box Store
Beaufort Island ✓
Cohens Bluff Landing
Crooked Cut ✓
Dry Gall
Fridays Dream Point
Fennell Hill Landing ✓
Johnsons Landing ✓
King Creek
Little Briar Creek *Brier* ✓
Miller Lake
Milbury
Mars Branch
Pipe Creek
Possom Eddy ✓
Red Bluff Landing
Spring Run ✓
Saucy Boy Point
Savannah River ✓
Whirligig Point
Wildcat Point

Ring Jaw Point
Green Log Point

A. J. Wraight

A. J. Wraight
Geographic Names

49. NOTES FOR THE HYDROGRAPHER

None

1. PROJECTION AND GRIDS CHB		2. TITLE NONE 4a Classification labelUnclassified		3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE CHB
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE	8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES NONE	10. PHOTOGRAMMETRIC PLOT REPORT Bridge	
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB	13. LOW-WATER LINE NONE	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES CHB HB	
	16. AIDS TO NAVIGATION NONE	17. LANDMARKS CHB		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB HB	
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB				
PHYSICAL FEATURES	20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB		
	22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE		
	24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE		
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB	28. BUILDINGS CHB	29. RAILROADS CHB		
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE		
MISCELLANEOUS	33. GEOGRAPHIC NAMES CHB			34. JUNCTIONS CHB	
	35. LEGIBILITY OF THE MANUSCRIPT CHB	36. DISCREPANCY OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB	
	38. FIELD INSPECTION PHOTOGRAPHS CHB		39. FORMS CHB		
	SIGNATURE OF REVIEWER Charles H. Bishop		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauch, Jr.		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER Billy H. Barnes			SIGNATURE OF SUPERVISOR Albert C. Rauch, Jr.		

FORM 182 (9-61)		50 PHOTOGRAMMETRIC OFFICE REVIEW Chart 635 T-12821E		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE		3. MANUSCRIPT NUMBERS CHB	
		4a Classification label: <u>Unclassified</u>		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE	8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES CHB	10. PHOTOGRAMMETRIC PLOT REPORT Bridge	
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB	13. LOW-WATER LINE NONE	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES CHB	
	16. AIDS TO NAVIGATION CHB	17. LANDMARKS CHB	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB		
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB				
PHYSICAL FEATURES	20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB		
	22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE		
	24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE		
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB	28. BUILDINGS CHB	29. RAILROADS CHB		
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES CHB			34. JUNCTIONS CHB	
	35. LEGIBILITY OF THE MANUSCRIPT CHB	36. DISCREPANCY OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB	
	38. FIELD INSPECTION PHOTOGRAPHS CHB		39. FORMS CHB		
	SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauch, Jr.</i>		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>Lowell D. Netzer Jr.</i>			SIGNATURE OF SUPERVISOR <i>Albert C. Rauch, Jr.</i>		

FORM 182 (9-61)		50 PHOTOGRAMMETRIC OFFICE REVIEW Chart 635 T-12822		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE Unclassified As Classification label		3. MANUSCRIPT NUMBERS CHB	
4. MANUSCRIPT SIZE CHB		5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE	
CONTROL STATIONS		7. PHOTO HYDRO STATIONS NONE		8. BENCH MARKS NONE	
		9. PLOTTING OF SEXTANT FIXES NONE		10. PHOTOGRAMMETRIC PLOT REPORT Bridge	
		11. DETAIL POINTS Kelsh			
ALONGSHORE AREAS (Nautical Chart Data)		12. SHORELINE CHB		13. LOW-WATER LINE NONE	
		14. ROCKS, SHOALS, ETC. CHB		15. BRIDGES CHB	
		16. AIDS TO NAVIGATION CHB		17. LANDMARKS CHB	
		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB			
		19. OTHER ALONGSHORE CULTURAL FEATURES CHB			
PHYSICAL FEATURES		20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB	
		22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE	
		24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE	
		26. OTHER PHYSICAL FEATURES CHB			
CULTURAL FEATURES		27. ROADS CHB		28. BUILDINGS CHB	
		29. RAILROADS CHB		30. OTHER CULTURAL FEATURES CHB	
BOUNDARIES		31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE	
MISCELLANEOUS		33. GEOGRAPHIC NAMES CHB		34. JUNCTIONS 21 E. CHB 23 N. CHB	
		35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY OVERLAY Comparison-Field Edit	
		37. DESCRIPTIVE REPORT CHB		38. FIELD INSPECTION PHOTOGRAPHS CHB	
		39. FORMS CHB		SIGNATURE OF REVIEWER Charles H. Bishop	
		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauch, Jr.		40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.	
SIGNATURE OF COMPILER Bernice Wilson		SIGNATURE OF SUPERVISOR Albert C. Rauch, Jr.			

FORM 182
(9-61)50- PHOTOGRAMMETRIC OFFICE REVIEW
Chart 635 T-12823NU.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS CHB		2. TITLE NONE		4a Classification label. Unclassified		3. MANUSCRIPT NUMBERS CHB		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS		5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE			
		7. PHOTO HYDRO STATIONS NONE		8. BENCH MARKS NONE		9. PLOTTING OF SEXTANT FIXES NONE		10. PHOTOGRAMMETRIC PLOT REPORT Bridge	
		11. DETAIL POINTS Kelsh							
ALONGSHORE AREAS (Nautical Chart Data)		12. SHORELINE CHB		13. LOW-WATER LINE NONE		14. ROCKS, SHOALS, ETC. CHB		15. BRIDGES CHB	
		16. AIDS TO NAVIGATION CHB		17. LANDMARKS CHB		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB			
		19. OTHER ALONGSHORE CULTURAL FEATURES CHB							
PHYSICAL FEATURES		20. WATER FEATURES CHB				21. NATURAL GROUND COVER CHB			
		22. PLANETABLE CONTOURS NONE				23. STEREOSCOPIC INSTRUMENT CONTOURS NONE			
		24. CONTOURS IN GENERAL NONE				25. SPOT ELEVATIONS NONE			
		26. OTHER PHYSICAL FEATURES CHB							
CULTURAL FEATURES		27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS CHB			
		30. OTHER CULTURAL FEATURES CHB							
BOUNDARIES		31. BOUNDARY LINES NONE				32. PUBLIC LAND LINES NONE			
MISCELLANEOUS		33. GEOGRAPHIC NAMES CHB				34. JUNCTIONS CHB			
		35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB			
		38. FIELD INSPECTION PHOTOGRAPHS CHB				39. FORMS CHB			
		SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>				SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauch, Jr.</i>			
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.									
SIGNATURE OF COMPILER <i>Harry J. Cordell</i>					SIGNATURE OF SUPERVISOR <i>Albert C. Rauch, Jr.</i>				

FORM 182 (9-69)		50- PHOTOGRAMMETRIC OFFICE REVIEW Chart 635 T-12823S		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE		3. MANUSCRIPT NUMBERS CHB	
		4. Classification label Unclassified		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE		8. BENCH MARKS NONE		9. PLOTTING OF SEXTANT FIXES NONE
					10. PHOTOGRAMMETRIC PLOT REPORT Bridge
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB		13. LOW-WATER LINE NONE		14. ROCKS, SHOALS, ETC. CHB
	15. BRIDGES NONE		16. AIDS TO NAVIGATION CHB		17. LANDMARKS NONE
			18. OTHER ALONGSHORE PHYSICAL FEATURES CHB		
19. OTHER ALONGSHORE CULTURAL FEATURES CHB					
PHYSICAL FEATURES	20. WATER FEATURES CHB			21. NATURAL GROUND COVER CHB	
	22. PLANETABLE CONTOURS NONE			23. STEREOSCOPIC INSTRUMENT CONTOURS NONE	
	24. CONTOURS IN GENERAL NONE			25. SPOT ELEVATIONS NONE	
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS CHB
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE			32. PUBLIC LAND LINES NONE	
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES CHB				34. JUNCTIONS CHB
	35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB
	38. FIELD INSPECTION PHOTOGRAPHS CHB				39. FORMS CHB
	SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>				SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rausch, Jr.</i>
	40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.				
SIGNATURE OF COMPILER <i>Frank G. Boyle</i>			SIGNATURE OF SUPERVISOR <i>Albert C. Rausch, Jr.</i>		

FORM 182
(3-61)

50-

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Chart 635 T-12824 W

1. PROJECTION AND GRIDS CHB		2. TITLE NONE		4a Classification label <u>Unclassified</u>		3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE CHB
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE			
	7. PHOTO HYDRO STATIONS NONE		8. BENCH MARKS NONE		9. PLOTTING OF SEXTANT FIXES NONE		10. PHOTOGRAMMETRIC PLOT REPORT Bridge
	11. DETAIL POINTS Kelsh						
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB		13. LOW-WATER LINE CHB		14. ROCKS, SHOALS, ETC. CHB		15. BRIDGES NONE
	16. AIDS TO NAVIGATION CHB		17. LANDMARKS NONE			18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB						
PHYSICAL FEATURES	20. WATER FEATURES CHB			21. NATURAL GROUND COVER CHB			
	22. PLANETABLE CONTOURS NONE			23. STEREOSCOPIC INSTRUMENT CONTOURS NONE			
	24. CONTOURS IN GENERAL NONE			25. SPOT ELEVATIONS NONE			
	26. OTHER PHYSICAL FEATURES CHB						
CULTURAL FEATURES	27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS CHB		
	30. OTHER CULTURAL FEATURES CHB						
BOUNDARIES	31. BOUNDARY LINES NONE			32. PUBLIC LAND LINES NONE			
MISCELLANEOUS	33. GEOGRAPHIC NAMES CHB				34. JUNCTIONS CHB		
	35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY OVERLAY Comparison-Field Edit			37. DESCRIPTIVE REPORT CHB	
	38. FIELD INSPECTION PHOTOGRAPHS CHB			39. FORMS CHB			
	SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>			SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Hancock, Jr.</i>			
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.							
SIGNATURE OF COMPILER <i>Charles Blood</i>				SIGNATURE OF SUPERVISOR <i>Albert C. Hancock, Jr.</i>			

USE REVERSE SIDE FOR REMARKS

USCGMM-DC 25353-P61

FORM 182 (3-61)		50- PHOTOGRAMMETRIC OFFICE REVIEW CHART 635 T-12824E		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE		3. MANUSCRIPT NUMBERS CHB	
		4a Classification label. <u>Unclassified</u>		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE	8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES NONE		10. PHOTOGRAMMETRIC PLOT REPORT Bridge
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB		13. LOW-WATER LINE NONE		14. ROCKS, SHOALS, ETC. CHB
	15. BRIDGES NONE				
	16. AIDS TO NAVIGATION CHB		17. LANDMARKS NONE		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB				
PHYSICAL FEATURES	20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB		
	22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE		
	24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE		
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS CHB
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES CHB			34. JUNCTIONS CHB	
	35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY, OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB
	38. FIELD INSPECTION PHOTOGRAPHS CHB		39. FORMS CHB		
	SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauch, Jr.</i>		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>Harry J. Cordell</i> H.C.			SIGNATURE OF SUPERVISOR <i>Albert C. Rauch, Jr.</i>		

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (8-61)		50 PHOTOGRAMMETRIC OFFICE REVIEW Chart 635 T-12825N		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE		3. MANUSCRIPT NUMBERS CHB	
		4a Classification label <u>Unclassified</u>		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE	8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES NONE	10. PHOTOGRAMMETRIC PLOT REPORT Bridge	
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB	13. LOW-WATER LINE NONE	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES NONE	
	16. AIDS TO NAVIGATION CHB	17. LANDMARKS NONE	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB		
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB				
PHYSICAL FEATURES	20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB		
	22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE		
	24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE		
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB	28. BUILDINGS CHB	29. RAILROADS CHB		
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE		
MISCELLANEOUS	33. GEOGRAPHIC NAMES CHB		34. JUNCTIONS CHB		
	35. LEGIBILITY OF THE MANUSCRIPT CHB	36. DISCREPANCY OVERLAY Comparison Field-Edit		37. DESCRIPTIVE REPORT CHB	
	38. FIELD INSPECTION PHOTOGRAPHS CHB		39. FORMS CHB		
	SIGNATURE OF REVIEWER <i>Charles H. Bishop</i>		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauch, Jr.</i>		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER <i>Charles Blood</i>			SIGNATURE OF SUPERVISOR <i>Albert C. Rauch, Jr.</i>		

c.b

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25363-P61

FORM 182 (3-61)		50- PHOTOGRAMMETRIC OFFICE REVIEW Chart 635 T 12825 S		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
1. PROJECTION AND GRIDS CHB		2. TITLE NONE		3. MANUSCRIPT NUMBERS CHB	
		4a Classification label...Unclassified		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY NONE		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) NONE		
	7. PHOTO HYDRO STATIONS NONE	8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES NONE		10. PHOTOGRAMMETRIC PLOT REPORT Bridge
	11. DETAIL POINTS Kelsh				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE CHB		13. LOW-WATER LINE NONE		14. ROCKS, SHOALS, ETC. CHB
	16. AIDS TO NAVIGATION CHB		17. LANDMARKS NONE		18. OTHER ALONGSHORE PHYSICAL FEATURES CHB
	19. OTHER ALONGSHORE CULTURAL FEATURES CHB				
PHYSICAL FEATURES	20. WATER FEATURES CHB		21. NATURAL GROUND COVER CHB		
	22. PLANETABLE CONTOURS NONE		23. STEREOSCOPIC INSTRUMENT CONTOURS NONE		
	24. CONTOURS IN GENERAL NONE		25. SPOT ELEVATIONS NONE		
	26. OTHER PHYSICAL FEATURES CHB				
CULTURAL FEATURES	27. ROADS CHB		28. BUILDINGS CHB		29. RAILROADS CHB
	30. OTHER CULTURAL FEATURES CHB				
BOUNDARIES	31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE		
MISCELLANEOUS	33. GEOGRAPHIC NAMES CHB			34. JUNCTIONS CHB	
	35. LEGIBILITY OF THE MANUSCRIPT CHB		36. DISCREPANCY OVERLAY Comparison-Field Edit		37. DESCRIPTIVE REPORT CHB
	38. FIELD INSPECTION PHOTOGRAPHS CHB		39. FORMS CHB		
	SIGNATURE OF REVIEWER Charles H. Bishop		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT Albert C. Rauch, Jr.		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPILER L. Sullivan			SIGNATURE OF SUPERVISOR Albert C. Rauch, Jr.		

UNITED STATES GOVERNMENT

Memorandum

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

IN REPLY REFER TO: WSC-6320

TO: Norfolk Regional Officer
Coast and Geodetic Survey
439 W. York Street
Norfolk, Virginia 23510

DATE: June 1, 1965

FROM: Chief, Photogrammetry Division

SUBJECT: Project 21510 (Compilation Notes and Completion Date)

(1) Compilation Limits

The limits of compilation have not been delineated on the projections as indicated under heading No. 6 of the Compilation Instructions. A copy of the final project diagram (with letter size copies attached) showing the approximate compilation limits (panel limits) will be forwarded. Delineate details approximately 1 inch beyond the limits of the panels.

(2) Mercator Values of State Grid Intersections

For both the South Carolina and Georgia state grids, separate IBM lists of Mercator values for each panel ("T" Sheet) for plotting intersections by coordinate graph are being forwarded. Due to the method of computation and projection size the lists include a large number of values for intersections falling outside the limits of delineation. Plot only those intersections falling within the area to be compiled.

(3) Panel Numbers

Do not use the panel numbers for manuscript designation (titles, indexes, correspondence, reports). Use only the "T" Sheet numbers.

(4) Completion Date

As a result of the heavy workload in connection with the Alaska earthquake projects, the project completion date was changed from June 30, 1965 to October 30, 1965 (Memorandum to Program Planning Staff from Chief, Photogrammetry Division, date February 18, 1965). The Nautical Chart Division has recently requested an earlier delivery date (October 1, 1965). We are committed to this new delivery date.

Sufficient data to start project work will be delivered to you by the end of May. This includes data for plotting state grid intersections and data for the first of three bridges. Additional field work (control) is required prior to completion of strips 2 and 3. If, after compilation is started, a change in delivery data seems advisable, please notify this office.

10/1/66
J. E. Waugh

UNITED STATES GOVERNMENT

Memorandum

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

IN REPLY REFER TO: 6320

TO: Norfolk Regional Officer
Coast and Geodetic Survey
439 West York Street
Norfolk, Virginia 23510

DATE: July 29, 1965

FROM: Acting Director

PH-6501

SUBJECT: Project PH-6506)- Modification of requirements for
delivery of project data to the Nautical Chart
Division

The following project data are forwarded to the Nautical
Chart Division for photogrammetric surveys produced for use
in nautical chart construction:

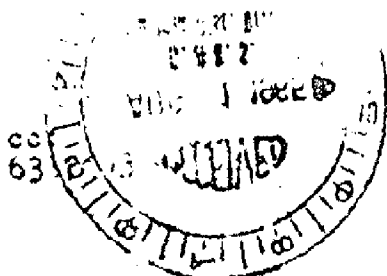
1. Chart compilation manuscripts (Chart
Division and registration copies)
2. Final copies of Form 567
3. Discrepancy prints
4. Copies of the Descriptive reports

Additional project information is furnished to the Chart
Division upon request.

The Registration Manuscript copies and the Descriptive Report
copies for this project need not be forwarded along with the
other data for delivery to the Chart Division on our committed
delivery date of October 1, 1965.

In order to provide the Chart Division with the data required
to start compilation on the delivery date, the following pro-
cedures are necessary:

cc: James G. Thompson, Jr.



1. Apply field edit changes to the base manuscripts, then reproduce the bases for the Chart Division's manuscript copies. Ozalid copies shall also be produced;
2. Make preliminary reviews of the manuscripts;
3. Add (in pencil) to the ozalid copies information (identifying names of mapped objects, landmarks, aids, piles, notes, etc.) that would normally be furnished the Chart Division through the Registration Manuscript copy.

Additional information to be delivered to the Chart Division on October 1, 1965, includes:

1. A copy of the field edit report;
2. An informal review report covering the subjects outlined on page 505, Topographic Manual, Part II, for the final Washington Office review, shall be prepared and forwarded.

The preceding information can be included on the ozalid copies of the manuscripts or submitted as written notes.

Production of the Registration Manuscript copy and final review shall be completed as soon as possible. All changes made during final review that effect the Chart Compilation Manuscript shall be called to the attention of the Washington Office Review Unit.

The field edit of project maps, the requirements for pre-field edit manuscript data, and the procedure to be followed in forwarding data to the field editor are as follows:

1. Only copies of the pencilled work sheets and supporting data are required;
2. Field edit data shall be forwarded from the Portsmouth Photogrammetric Unit directly to the field editor.

E. F. Smith
for James C. Tison, Jr.

cc:
631, 6314, 6320

JOB PH-6501
SAVANNAH RIVER

NOTES FOR THE FIELD EDITOR

1. Trees in water

Along both banks of the Savannah River are numerous trees, dead trees, stumps, logs, etc. that could be seen on the color transparencies. Without the benefit of prior field inspection, most of these could not be seen on the 1:30,000 scale panchromatic photography.

It is believed that most of these could be delineated with a dashed line adjacent to the shorelines and labeled foul with trees, stumps or logs. Where this applies, it should be labeled on the photographs or on the field edit print.

The Washington (Rockville) Office has indicated that Charts Section may incorporate a general note on both new small craft charts to this effect.

2. Bluffs

The bluffs that could be seen on the photos were delineated with the Kelsh plotter as a dashed line representing the top and bottom and labeled with an approximate height. All bluffs should be verified from seaward to ascertain their value as landmarks. In this area, particularly the upper reaches of the Savannah River, landmarks may well be scarce, and any which you deem of particular landmark value will be charted. Others will not be charted. If you find that we may have missed any of prominence, please indicate these on the field edit print.

3. Aids to Navigation

Most of the aids which were roughly spotted by the field man have been shown. Most of these could not be seen on the contact photos, but could easily be seen on the color photos. In most instances, the aid was, as the field man indicated, on the downstream groin of a group of three or four. There are a few which could not be seen and lay in an area where there were no color photo coverage. These have been noted for your attention.

It has been suggested and the Rockville Office has concurred, that an effort on your part to determine the area of responsibility for these aids might be in order. If we could know who and if they were considering maintenance and numbering of these aids, the new numbering system, if any, could be utilized by the Chart Section.

This suggestion was brought about because so many of the existing aids were broken off and many had no numerical designation.

4. Boat Landings

Quadrangles covering the area, indicate names of many landings. These places have been named as an aid to you in determining the actual existence and placement of such landings and to assist you in your facility survey.

5. Verification and Location

Other points of detail which demand further verification and/or explanation are noted on the field edit prints.

Albert C. Rauck, Jr.

JOB PH-6601
Savannah River
Small Craft Facility Investigation
Charts 634-SC and 635-SC

General Notes

The investigation of small craft facilities was accomplished during the period of August 16 through August 31, 1965.

The facility survey was accomplished concurrently with the field edit of chart topography. The Savannah River was travelled by boat from Savannah to Augusta.

Nineteen facilities were visited and the standard form submitted for each. All of these are boat launching ramps, with the exception of three located near Augusta. No facilities were listed at Savannah as there was no specific marina etc. on these charts. However, it is known that the small boat operator could obtain any marine supply he wished at Savannah.

The boat launching ramps, both on the Georgia and South Carolina sides, are maintained, for the most part, by the State and County. Many names of landings will appear on the charts which have no facilities for launching boats. These areas are usually privately owned and are well known locally.

Two chart letters are submitted. One for the radio and Television towers at Savannah and one for the same at Augusta.

There are no storm warnings displayed.

All landmarks and aids to navigation were thoroughly investigated.

There were no regulations governing the operation of small craft.

Submitted:
September 1, 1965

Joseph K. Wilson
Chief Photo Party 789

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

TO BE CHARTED
TO BE DELETED

NORFOLK, VIRGINIA

Index

61
65

I recommend that the following objects which have ~~(not been)~~ 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

J. BULL

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and non/floating

NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

~~NORFOLK, VIRGINIA~~

Sept. 1965

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

L. SULLIVAN
A. SANTIAGAN

THE BULL

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* positions of the area and not by

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE DELETED~~

STRIKE OUT ONE

NORFOLK, VIRGINIA

SEPT. 19 65

I recommend that the following objects which have ~~(inspected)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(detached from)~~ the charts indicated.

The positions given have been checked after listing by

THE

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION							METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM								
				°	'	°	'									
	STACK	MIDDLE ONE OF 3, CONCRETE HT. = 201 (321) FT.		33	26	81	54	39.78	NA 1927	T-12822	2-26-65		X		635 S.C.	
	TOWER	TRANSMISSION, STEEL, EAST ONE, HT. = 142 (252) FT.		33	25	81	54	52.99	MERC.	T-12821E	AUG. 65		X		"	
	TOWER	TRANSMISSION, STEEL, WEST ONE, HT. = 148 (263) FT.		33	26	81	55	02.17	"	"	"		X		"	
	DOME	(Augusta, St. Pauls Episcopal Church Spire, 1902) METAL COVERED DOME SHAPED CUPOLA. HT = 111 (231) FT.		33	28	81	57	41.17	"	T-12821E	"		X		"	
	FLAGPOLE	(Augusta, (Ga.) Southern Finance Corp. Bldg. Flagpole, 1932) STEEL, ATOP BLDG. HT = 245 (365) FT.		33	28	81	57	53.92	"	"	"		X		"	
								</								

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

NORFOLK, VIRGINIA

Ides

1965

I recommend that the following objects which have ~~(here-into)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(detected-from)~~ the charts indicated.

The positions given have been checked after listing by A. SANTILLAN *A. Santillan*

TIME

THE

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO

NORFOLK, VIRGINIA

SEPT.

1965

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(entered upon)~~ the charts indicated.

The positions given have been checked after listing by A. SANTILLAN *A. Santillan*

THE

Chief of Party:

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating 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**

1. USCOMM-DC 25412-P61



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO

NORFOLK, VIRGINIA

SEPT. 1965

TO BE DELETED)
I recommend that the following objects which have ~~(never were)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

A. SANTILLAN A. Santillan

A. SANTILLAN

The positions given have been checked after listing by

J. BULL

Chief of Party:

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be given.

15C COMM-DC 3412-P61

* TABULATE SECONDS AND METERS

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REMOVED
TO BE DELETED

STRIKE OUT TWO

NORFOLK, VIRGINIA SEPT. 1965

I recommend that the following objects which have been ~~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 A. SANTILLAN a Santillan

J. HILL

Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE*		LONGITUDE*		DATUM								
				D. M. METERS	"	D. M. METERS	"									
GEORGIA AND SOUTH CAROLINA	SAVANNAH RIVER															
	ABOVE SAVANNAH															
	DAYBEACON (No Number)		28-02	81-32	24-97	NA 1927 PHOTO	8-31-65								635 S.C.	
	Red pointer on pile		06-0-3	81-32	04-7-0	NA 1927 PHOTO	8-31-65								"	
	DAYBEACON (No Number)		33-02	81-32	12-23	"									"	
	Red pointer on pile		06-0-3	81-32	04-7-0	"									"	
	DAYBEACON (No Number)		33-05	81-38	15-31-7	"									"	
	Black pointer on pile		05-69	81-39	25-56	"									"	
	DAYBEACON (No Number)		33-06	81-39	25-56	"										"
	Black pointer on pile		05-69	81-39	25-56	"										"
	DAYBEACON (No Number)		33-06	81-39	25-56	"										"
	Red pointer on pile		05-69	81-39	25-56	"										"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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

USCOMM-OC 25412-P61

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED ~~TO BE DELETED~~ STRIKE OUT ONE

NORFOLK, VIRGINIA

SEPT.

1965

I recommend that the following objects which have ~~been~~ ^{not} been inspected from seaward to determine their value as landmarks be charted on (~~deleted from~~) the charts indicated.

L. SULLIVAN *L. Sullivan*

The positions given have been checked after listing by

J. BULL

Chief of Party.

STATE IN GEORGIA AND SOUTH CAROLINA				POSITION										METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE #		LONGITUDE #				DATUM										
			°	'	°	'	"	D. M. METERS		D. P. METERS									
63 B	SAVANNAH RIVER																	635 S.C.	
	ABOVE SAVANNAH																		
	DAYBEACON (No Number)			33	06	17.71		81	39	51.29	NA 1927 PHOTO	MAR. 25							
	Black pointer on pile					55.51				1328.9	MERC. T-1282	8-31-65							
	DAYBEACON (No Number)			33	06	41.30		81	40	52.94	"	"							
	Black pointer on pile					1271.4				1371.7	"	"							
	DAYBEACON 63 B			33	06	57.58		81	42	12.62	"	"							
	Black pointer on pile					1772.6				326.9	"	"							
	DAYBEACON (No Number)			33	07	39.19		81	43	23.78	"	"							
	Black pointer on pile					1206.7				616.2	"	"							
72	DAYBEACON (No Number)		33	07	49.41		81	43	31.01	"	"								
	Red pointer on pile				1521.3				863.3	"	"								
	DAYBEACON (No Number)		33	07	55.86		81	43	40.90	"	"								
	Black pointer on pile				1719.9				1059.0	"	"								
	DAYBEACON (No Number)		33	08	11.02		81	44	03.47	"	"								
	Red pointer on pile				339.4				90.0	"	"								
	DAYBEACON (No Number)		33	08	18.72		81	44	17.83	"	"								
	Black pointer on pile				576.6				161.9	"	"								
	DAYBEACON 72		33	09	04.44		81	45	17.93	"	"								
	Red pointer on pile				136.9				161.6	"	"								
																	41		

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~
~~TO BE DELETED~~

STRIKE OUT ONE

ATTORNEY AT LAW

_____ 1965

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(elated from)~~ the charts indicated.

The positions given have been checked after listing by A. SANTILLAN *A. Santillan*

THE

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~
~~TO BE REVISED~~
~~TO BE DELETED~~

STRIKE OUT TWO.

~~TO BE REVISED:~~
~~TO BE DELETED~~

NORFOLK, VIRGINIA

~~SEPT 19 65~~

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(detected from)~~ the charts indicated.

L. SULLIVAN *L. Sullivan*

The positions given have been checked after listing by A. SANTILLAN A. Santillan

THE

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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**

US COMM-DC 25412-P01



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
TO BE DELETED

STRIKE OUT TWO

NORFOLK VIRGINIA

SECRET

1965

I recommend that the following objects which have ~~(been sent)~~ 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 L. SULLIVAN and L. REFFNER, JR. Lowell D. N. Taylor.

5. 班

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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**

USCOMM-DC 25412-P81

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

NORFOLK, VIRGINIA

SEPT.

19

0 65

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 L. SULLIVAN J. Sullivan

A. SANTILLANJ. BULL

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE *		LONGITUDE *		DATUM							
				° ' "	D. M. METERS	° ' "	D. P. METERS								
GEORGIA AND SOUTH CAROLINA		SAVANNAH RIVER													
		ABOVE SAVANNAH													
	104	DAYBEACON 104		33 28	08.10 ✓	81 56	06.27 ✓	NA 1927	PHOTO		MAR. 65				635 S.C.
		Red pointer on pile		33 28	250.5 ✓	81 56	162.5 ✓	MERC.	T-12821E		"				"
		DAYBEACON (No number)		33 28	11.50 ✓	81 56	39.93 ✓	"	"		"				"
*		Red pointer on pile		33 28	448.5 ✓	81 57	103.47 ✓	"	"		"				"
		DAYBEACON (No number)		33 28	24.11 ✓	81 57	03.47 ✓	"	"		"				"
		Red pointer on pile		33 28	745.4 ✓	81 57	90.0 ✓	"	"		VERIFICATION				"
		DAYBEACON (No Number)		33 28	36.66 ✓	81 57	30.13 ✓	"	"		"				"
				33 28	1133.4 ✓	81 57	780.8 ✓	"	"		"				"
*															

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating 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

USCOMM-DC 25412-P61

REVIEW REPORT T-12821 through T-12825
COMPILATIONS FOR SMALL CRAFT CHART 635
JANUARY 1966

61. General Statement

See Summary (Page 6) in this Descriptive Report.

62. Comparison with Registered Topographic Surveys

There are no previously registered surveys in the area covered by these maps.

63. Comparison with Maps of Other Agencies

The quadrangles covering about 70% of this area are of 1938-1941 dates at a scale of 1:62,500; only two, Girard and Girard N.W., are recent (1964) and at 1:24,000.

The "cut-offs" in the Savannah River, by-passing the worst bends in the river, are the most prominent differences.

Some new bridges across the river and Augusta Municipal Airport are also evident changes.

Considerable drainage has been done; some of the ponds and streams names on the quadrangles could not be seen on the photographs.

64. Comparison with Contemporary Hydrographic Surveys

None available.

65. Comparison with Nautical Charts

None available.

66. Adequacy of Results and Future Surveys

These maps meet the National Standards of Map Accuracy and comply with Bureau requirements.

Details in a security area were omitted from the maps -- in accordance with instructions.

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Charles H. H. H.
Chief, Photogrammetric Branch

J. Ralph Sobersalski
Chief, Photogrammetry Division

John D. Boyer
Chief, Marine Charts Division

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

REFERENCE NO.

PH-91-66 (Cont.)

LETTER TRANSMITTING DATA

TO:

THE DIRECTOR
COAST & GEODETIC SURVEY
WASHINGTON SCIENCE CENTER
ROCKVILLE, MARYLAND 20852

C 141

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PH-6501 (21510) SAVANNAH RIVER (Cont.)

PACKAGE NO. 2 (Cont.)

BLACK & WHITE CONTACT PRINTS (Bridging, Field Inspection, & Field Edit)

64 S 1323A thru 1339A (2 of 1323A & 1324A)
" " 1348A " 1355A, 1369A thru 1372A
" " 1377A " 1380A, 1397A thru 1399A
" " 1400A " 1406A, 1408A " 1416A (2 of 1412 A thru 1414A)
" " 9500 " 9506, 9527 (2) " 9534
" " 9546 (2) " 9551, 9564, 9565, 9592, 9593
" " 9610 thru 9612 (2 of 9611), 9627 thru 9635
" " 9654 " 9674

65 M 4474, 4475, 4487, 4488, 4492 thru 4499
" " 4513 thru 4524

1- Set So. Carolina, South Zone, Grid Intersection

1- Set Georgia, East Zone, Grid Intersection

NOTE: COMBINED F.E. SHEETS
AND COMPARISON PRINTS
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RECORDS CENTER

PH-166-66

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Project 21510
SAVANNAH RIVER (Small craft charts)

Contact photos with control identification

64 S 9529, 30, 31
64 M 4476
5 Forms 152 (CSI)

Sam: These were erroneously mis-filed and recently found. Thought you should have them.

A1.

ATTN: Mr. Sam Blankenbaker

FROM: (Signature)

Joseph Steinberg, For Director, Atlantic Marine
Center

Return receipted copy to:

ENVIROMENTAL SCIENCE SERVICES ADMINISTRATION
ATLANTIC MARINE CENTER
439 W. YORK STREET
NORFOLK, VIRGINIA 23510

RECEIVED THE ABOVE
(Name, Division, Date)

PH-91-66 (Cont.)

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THE DIRECTOR
COAST & GEODETIC SURVEY
WASHINGTON SCIENCE CENTER
ROCKVILLE, MARYLAND 20852

ATTN: c 141

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PH-6501 (21510) SAVANNAH RIVER (Cont.)

PACKAGE NO. 4 (Cont.)

Contact Prints -(Bridging)

64 M 4477 thru 4486, 4490 and 4491

64 S 9552 thru 9563, (9555 and 56 with Field Edit)

" " 9594 " 9597

" " 9601 " 9609 (9607 & 09 with Field Edit)

Contact Prints, with no data

64 S 9554, 9555, 9557, 9559, 9561, 9594, and 9609

FROM
NORFOLK

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CLASSIFIED

FILED IN RECORDS &
INFORMATION SECTION
(PHOTOGRAMMETRY DIVISION)

FROM: (Signature)

Joseph Steinberg, For Director, Atlantic Marine Center

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NORFOLK REGIONAL OFFICE
439 W. YORK STREET
NORFOLK, VIRGINIA 23510

PH-6501 (21510) SAVANNAH RIVER,
CHART TOPOGRAPHY

PHOTOGRAPHS FORWARDED TO
FEDERAL RECORDS CENTER

64S 1323A THRU 1339A 64M 4511 (2 PRINTS)

1348A THRU 1355A 4513

1377A THRU 1380A 4514

1369A THRU 1372A 4515 (2 PRINTS)

1397A THRU 1406A 4516 (2 PRINTS)

1408A THRU 1416A 4517 (2 PRINTS)

4518

64S 9500 THRU 9506 4519

9527 THRU 9528 4520 (2 PRINTS)

9529 (2 PRINTS) 4521 (2 PRINTS)

9530 (") 4522

9531 (") 4523

9532 THRU 9534 4524

9546 THRU 9551

9564 and 9565 64M 4434 THRU 4441

9592 and 9593 64M 4471

4474 (2 PRINTS)

64S 9627 THRU 9635 4475

9610 - 9611 - 9612 4476 (2 PRINTS)

9654 - 9655 - 9656 4487 (2 PRINTS)

9674 4488

FILED IN RECORDS & INFORMATION SECTION
(CLASSIFIED photographs) 4494 (2 PRINTS)

REFER TO TRANSMITTAL dated 4497

26, Jan. 1966 4499

