12826 THRU 12832

12826 THRU 12832

12826 THRU 12832

Diag. Cht. Nos. 1, 1240-2 & Insert.

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-12826 thru T-12632 Chart 634 S.C.)

LOCALITY

State South Carolina - Georgia

General locality Savannah River

Locality Savannah to Pfeiffers Landing

1964-65

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

LIBRARY & ARCHIVES

DATE November 1967

USCOMM-DC 37022-P66

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T-12826N T-12828N
T-12826S T-12828S
T-12827

DESCRIPTIVE REPORT - DATA RECORD

T-12829 T-12832N
T-12830 T-12832S
T-12831

PROJECT NO. (II):

21510 PH 6501

FIELD OFFICE (II):	CHIEF OF PARTY
STATESBORO, GEORGIA	J. K. WILSON
PHOTOGRAMMETRIC OFFICE (III):	**OFFICER-IN-CHARGE**
PORTSMOUTH, VA. (NORFOLK REGIONAL OFFICE)	J. BULL

INSTRUCTIONS DATED (II) (III):

FIELD	Dec. 16, 1964
OFFICE	May 14, 1965
GENERAL (PROVISIONAL)	Revised (not dated) recieved 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):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:20,000	1:6,000 (KELSH) 1:5,000 (WILD 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):	VERTICAL DATUM (III):
N. A. 1927 MERCATOR PROJECTION	~~MEAN SEA LEVEL EXCEPT AS FOLLOWS:~~ MHW *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):

PURRY, 1932

LAT.:	LONG.:	
32° 16' 17.628" ✓	81° 06' 49.524" ✓	[X] ADJUSTED [ ] UNADJUSTED

PLANE COORDINATES (IV):	STATE	ZONE
Y = 159,455.03 ~~Ft.~~ ✓ X = 1,964,836.72 ~~Ft.~~ ✓	S. CAROLINA	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.

USCOMM-DC 16276A-P61

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

(CHART 634) S.C.

FIELD INSPECTION BY (II):	DATE:
E. W. HARTFORD — REFER TO TRANSMITTAL letter Copies in back of report for list of field photos	MARCH 1965

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

AIR PHOTO COMPILATION
DATES OF PHOTOGRAPHY:

PAN.	COLOR
OCT. 30, 1964	NOV. 21, 1964
NOV. 21, 1964	FEB. 27, 1965

PROJECTION AND GRIDS RULED BY (IV):	**DATE**
MERCATOR - A.J.L. (WASHINGTON SCIENCE CENTER)	MAY, 1965
STATE GRIDS - K. BOLYE	JUNE, 1965
PROJECTION AND GRIDS CHECKED BY (IV):	**DATE**
MERCATOR - J.E.G. (WASHINGTON SCIENCE CENTER)	MAY, 1965
STATE GRIDS - H. J. CORDELL * see below	JUNE, 1965
CONTROL PLOTTED BY (III): K. BOYLE, H. J. CORDELL, B. BARGE	**DATE** JUNE, 1965
CONTROL CHECKED BY (III): H. J. CORDELL, K. BOYLE, L. SULLIVAN	**DATE** JUNE, 1965
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): (WASHINGTON SCIENCE CENTER)	**DATE** MAY, JUNE, 1965

STEREOSCOPIC INSTRUMENT COMPILATION (III):			
B. BARNES	L. SULLIVAN	PLANIMETRY	DATE: JULY, 1965
C. BLOOD	B. WILSON		
L. NETERER	K. BOYLE	CONTOURS	DATE:
H. CORDELL			
A. SANTILLAN			

MANUSCRIPT DELINEATED BY (III): same as above listed	**DATE** July, Aug., 1965
SCRIBING BY (III): R. SMITH, B. BARNES, L. SULLIVAN, C. BLOOD, A. SANTILLAN, B. BARGE	**DATE** Aug., Sept., 1965
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. SMITH, A. RAUCK, JR., C. BISHOP, L. GRAVES	**DATE** JULY-AUG., 1965 SEPT.-OCT., 1965

REMARKS:

f DATA FOR THIS CHART COMPILATION IS COMPOSED OF TEN T-SHEETS: T-12826N through T-12832S, FROM LATITUDE 32° 01' TO LATITUDE 32° 47'

* Plotted state grid intersections were furnished the Marine Chart Division. They are not included on the registered maps

SGB

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

(CHART 634) S.C.

CAMERA (KIND OR SOURCE) (III):

SINGLE LENS TYPE "S"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 S(C) 935A thru 959A	Nov. 21, 1964	10:37 thru 10:47	1:10,000	8.0'
64 S(C) 959A thru 1103A	"	10:47 thru 11:42	"	ABOVE POINT OF ESTIMATED TIDE WATER*
64 S 1323A thru 1335A	Nov. 21, 1964	13:47	1:30,000	3.1'**
64 S 1336A thru 1339A	"	13:51	"	*ABOVE POINT
64 S 1408A thru 1410A	"	14:38	"	4.1'***
64 S 1411A thru 1416A	"	14:41	"	2.5'****
64 S 1397A thru 1404A	"	14:35	"	* ABOVE POINT
64 S 1404A thru 1406A	"	14:37	"	4.1' ***
64 S 1348A thru 1380A	"	14:00-14:17	"	* ABOVE POINT
64 S 9500 thru 9503	Oct. 13, 1964	12:12	"	* " "
64 S 9665 thru 9674	"	13:41	"	* " "

PREDICTED TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: SAVANNAH, GA **		7.4'	8.6'
UBORDINATE STATION: ATLANTIC COASTLINE R. R. BRIDGE ***		6.2'	7.2'
SUBORDINATE STATION: PORT WENTWORTH ****		7.0'	8.1'

WASHINGTON OFFICE REVIEW BY (IV): FINAL M.M. Slavney L.F. Beugnet NORFOLK REGIONAL OFF ** See below — 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.

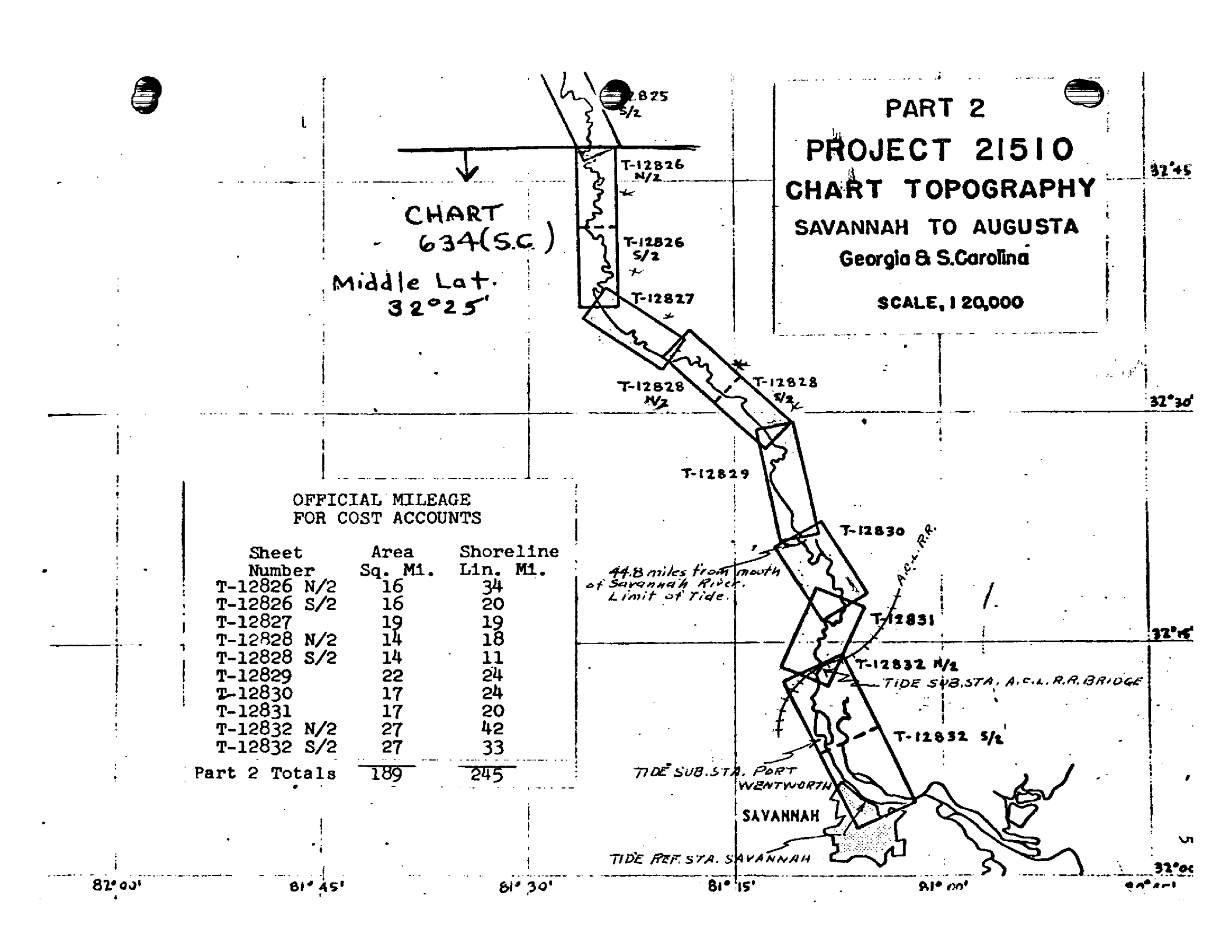
** S.G. BLANKENBAKER APRIL 1966

NOTE: Comparison Prints & CSI cards stored in Federal Records center

T-12826N/2 THROUGH T-12832S/2

(CHART 634) S.C.

COMPILATION RECORD	COMPLETION DATE	REMARKS
PRELIMINARY	July, 1965	SUPERCEDED
FIELD EDIT APPLIED	August, 1965	



OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet Number	Area Sq. Mi.	Shoreline Lin. Mi.
T-12826 N/2	16	34
T-12826 S/2	16	20
T-12827	19	19
T-12828 N/2	14	18
T-12828 S/2	14	11
T-12829	22	24
T-12830	17	24
T-12831	17	20
T-12832 N/2	27	42
T-12832 S/2	27	33
Part 2 Totals	189	245

CHART 634 SC

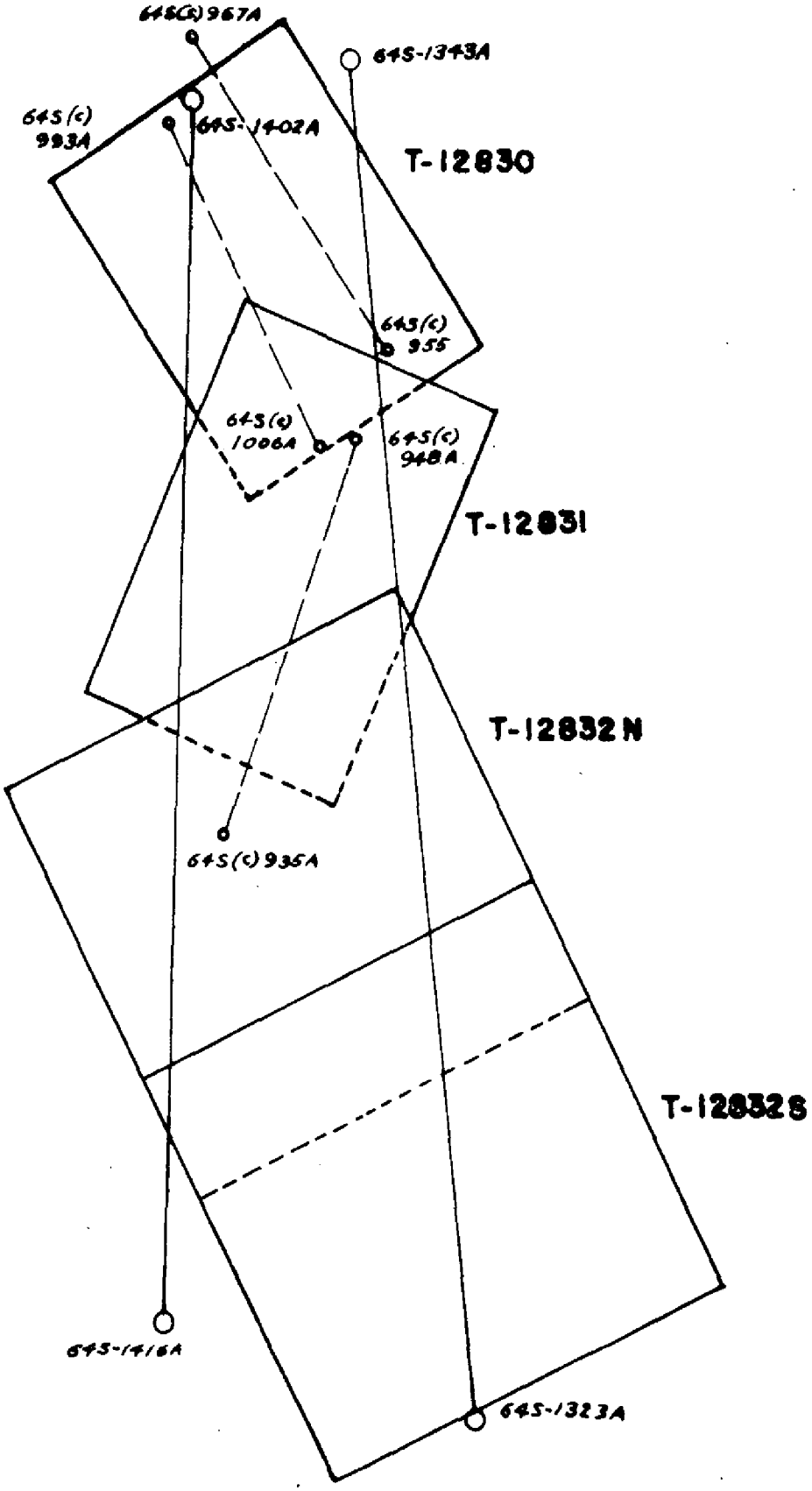
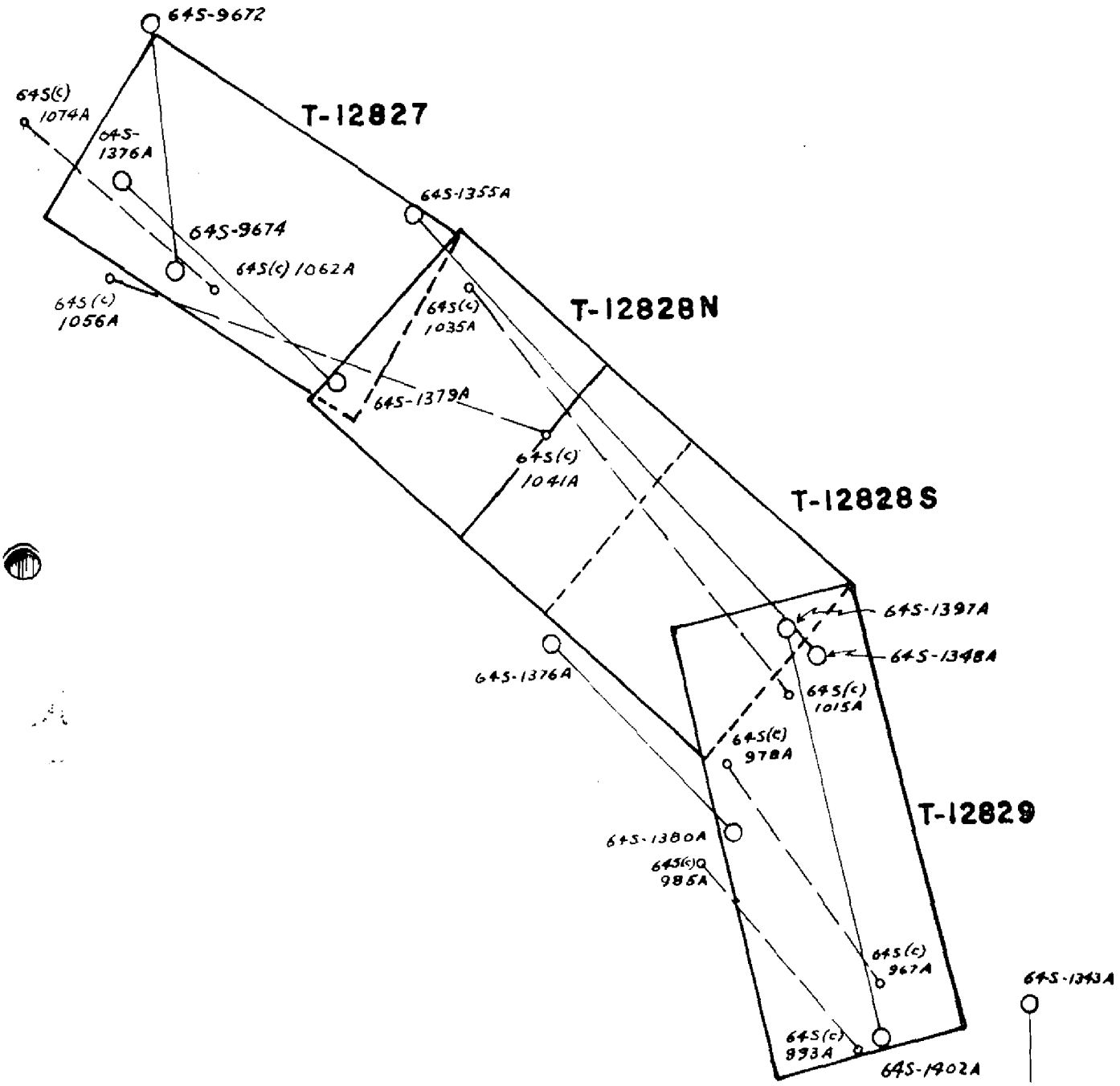

645(c)967A
645-1343A
645(c) 993A
645-1402A
T-12830
645(c) 955
645(c) 1006A
645(c) 948A
T-12831
T-12832N
645(c)935A
T-12832S
645-1416A
645-1323A

CHART 634 SC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T-12827
645-1355A
645-9674
645(c) 1062A
645(c) 1056A
645(c) 1035A
T-12828N
645-1379A
645(c) 1041A
T-12828S
645-1397A
645-1348A
645-1376A
645(c) 1015A
645(c) 978A
T-12829
645-1380A
645(c) 986A
645(c) 967A
645-1343A
645(c) 993A
645-1402A

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT FOR T-12826 thru T-12832 (Chart 634)

Ten chart compilation manuscripts, T-12826 N/2 and S/2, T-12827, T-12828 N/2 and S/2, T-12829, T-12830, T-12831, and T-12832 N/2 and S/2, at 1:20,000 comprise the southern portion of PH-6501 (21415). These manuscripts are to be used in the compilation of Small Craft Chart 634.

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 diapositives taken Oct. 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 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. Corrections to the positions of some aids to navigation etc. made in final review were immediately forwarded for charts. The Registration manuscript is furnished for registry, and a 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

Erwest W. Hartford
Surveying Technician

Approved and forwarded

Joseph K. Wilson

Joseph K. Wilson,
Chief, Photo Party 759

Photogrammetric Plot Report

Project 21510

Georgia and South Carolina

June 1965

21. Area Covered

This report covers the Savannah River from Savannah to Augusta.

22. Method

Analytic aerotriangulation methods were used; to bridge three strips of photography at the scale of 1:70,000. The attached sketch shows the field identified control used in the final adjustments and those used as checks. Closures to all control stations have been tabulated.

23. Adequacy of Control

Horizontal control identified and required to adjust the strips was adequate. One station, MILLHAVEN 1932, proved troublesome, however, after numerous hours of additional office and field work, the published Plane Coordinate position was proved to be in error. After this was corrected our difficulties were resolved.

In excess of two hundred points were photo identified, transferred and positions determined (Transverse Mercator) to control the 137 models required to compile chart topography. The nineteen sheets (panels) can be compiled to meet the National Standards of Map Accuracy.

24. Supplemental Data

None

25. Photography

Photography was adequate with regard to overlap and coverage, however in many areas the image definition was very poor, due to excessive amounts of glare. The glare problem, inherent to the RC-9 camera, caused some trouble near control stations, Pryor 2 SS#1 and SS#2 and Rouse SS#1, however this problem will not be of concern to the compilers since they will be using only RC-8 photography.

Approved and Forwarded:

Henry P. Eichert
Acting Chief, Aerotriangulation Section

Respectfully submitted:

George M. Ball

PH-21510
Closures to Control

Strip #1

SNOOKS, 1935

SS #1	(+4.7)	(-5.2)
SS #2	(+3.0)	(+1.9)

BERRYVILLE, 1918

SS #1	(+6.1)	(-3.1)
SS #2	(+4.3)	(-4.4)

JEWELS, 1935

SS #1	(+0.8)	(+1.0)
SS #2	(-0.4)	(-5.6)

PURRY, 1932

SS #1	(+2.4)	(+10.6)
SS #2	(-4.2)	(+5.6)

ORANGE TANK, 1934

SS #1	(+1.6)	(-6.7)
SS #2	(-4.0)	(-9.8)

BONAVENTURE WATER TANK, 1932

SS #1	(-7.3)	(+0.9)
SS #2	(-1.4)	(+1.3)

Strip #2

MILLHAVEN, 1932

SS #1	(-0.7)	(-0.5)
SS #2	(+2.8)	(-6.0)

ROUSE, 1932

SS #1	(+18.7)	(+1.5)	pt. questionable area very dark
SS #2	(-0.2)	(+2.2)	

FIFER, 1935

SS #1	(+5.3)	(+6.6)
SS #2	(+5.4)	(-0.4)

PRYOR 2, 1958

SS #1	(+8.1	(-12.73)	image definition poor pt. questionable
SS #2	(-5.8	(-5.8)	

PORTER, 1935

SS #1	(+7.6	(-0.9)
SS #2	(+1.3	(+4.2)

Strip #3

CLARKS HILL, 1902-32

RM #1	(+6.6	(+8.4)
SS #1	(+1.7	(+0.6)

BUNCH, 1902-32

SS #1	(+3.2	(+7.8)
SS #2	(+6.9	(+6.2)

AUGUSTA, LONGITUDE STATION, 1890

RM #2	(-1.7	(-0.8)

AUGUSTA, ST. PATRICKS CHURCH SPIRE, 1902-32

HOME STAT.	(+3.0	(-0.1)

AUGUSTA, J. B. WHITE TANK, 1932

HOME STA.	(+3.6	(+2.3)

BARNEY, 1932

SS #1	(+1.3)	(+1.7)
SS #2	(-6.0)	(-1.8)

HANCOCK, 1932

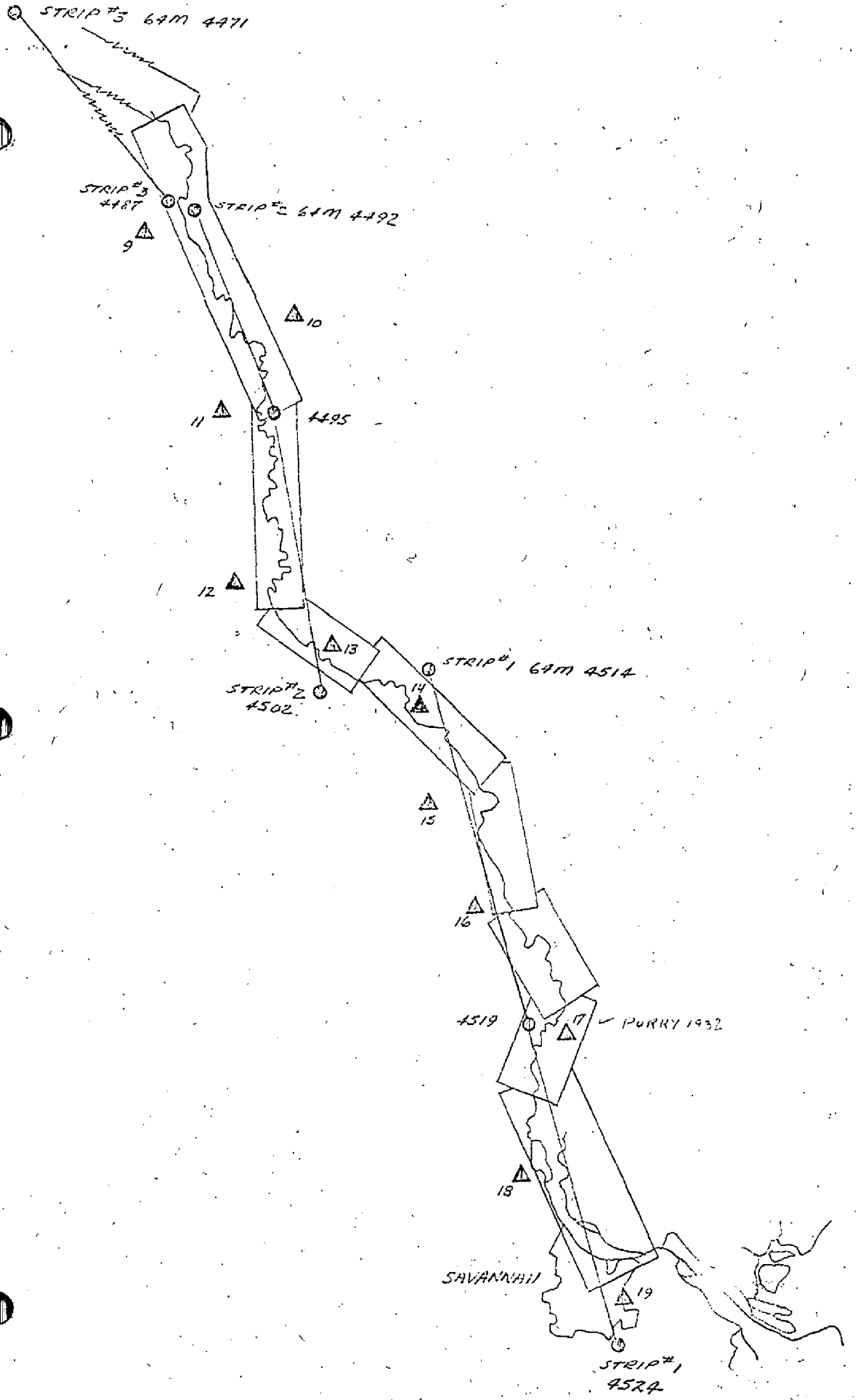
HOME STA.	(+9.5	(+3.1)
RM #4	(+6.8)	(+0.6)

GIRARD, 1932

SS #1	(+2.1	(+4.6)
SS #2	(+1.6)	(-0.3)

MILLHAVEN, 1932

SS #1	(-2.8	(-3.6)
SS #2	(-0.7	(-6.5)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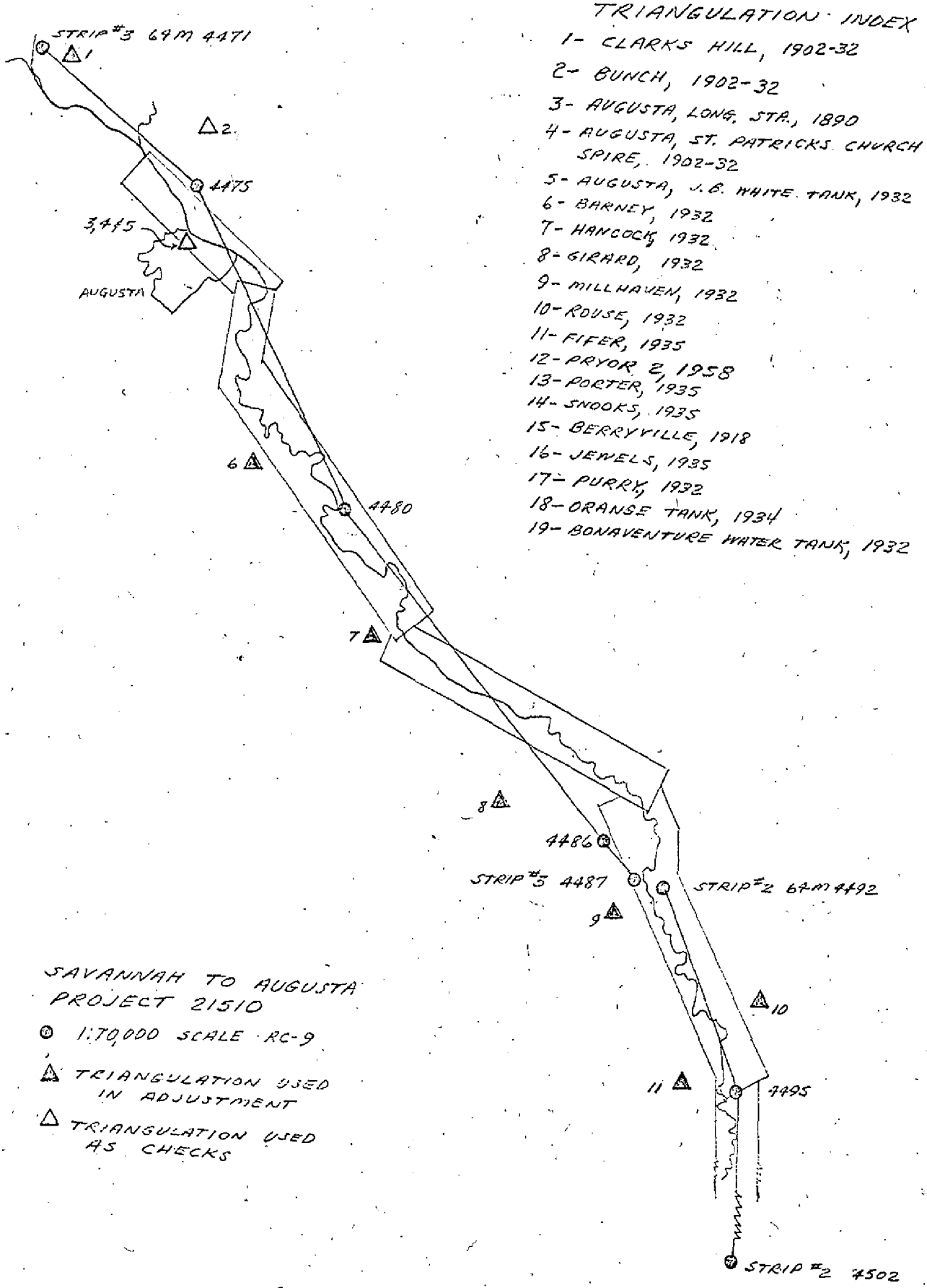
STRIP #3 4487
STRIP #2 64M 4492
9
10
11
4495
12
13
STRIP #1 64M 4514
STRIP #2 4502
14
15
16
4519
17
PURRY 1932
18
SAVANNAH
19
STRIP #1 4524

SHEET 2 of 2



TRIANGULATION INDEX

1- CLARKS HILL, 1902-32
2- BUNCH, 1902-32
3- AUGUSTA, LONG. STA., 1890
4- AUGUSTA, ST. PATRICKS CHURCH SPIRE, 1902-32
5- AUGUSTA, J.B. WHITE TANK, 1932
6- BARNEY, 1932
7- HANCOCK, 1932
8- GIRARD, 1932
9- MILLHAVEN, 1932
10- ROUSE, 1932
11- FIFER, 1935
12- PRYOR 2, 1958
13- PORTER, 1935
14- SNOOKS, 1935
15- BERRYVILLE, 1918
16- JEWELS, 1935
17- PURRY, 1932
18- ORANSE TANK, 1934
19- BONAVENTURE WATER TANK, 1932

SHEET 1 of 2

Form 529
(4-23-541)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT — CONTROL RECORD

~~MAP T~~ CHART 634 PROJECT NO. PH-6501 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BONAVENTURE WATER TANK, 1932	G.P. 68	N.A. 1927	32°02' 39.920" 81°02' 46.356"				
ORANGE TANK, 1934	G.P. 174	"	32°09' 20.394" 81°09' 51.717"				
PURRY, 1932	G.P. 22	"	32°16' 17.628" 81°06' 49.524"				
JEWELS, 1935	G.P. 233	"	32°22' 08.019" 81°11' 22.777"				
BERRYVILLE, 1918	G.P. 233	"	32°25' 42.173" 81°15' 31.239"				
SNOOKS, 1935	G.P. 233	"	32°31' 18.609" 81°15' 40.778"				
PORTER, 1935	G.P. 232	"	32°34' 23.413" 81°21' 39.043"				
PRYOR 2, 1958	PHONE W.S.C.	"	32°38' 02.790" 81°27' 14.996"				
FIFER, 1935	G.P. 210	"	32°47' 25.954" 81°30' 09.138"				

14

1 FT. = .3048006 METER

COMPUTED BY: A.C. Rauck, Jr. DATE: Sept. 24, 1965 CHECKED BY: A. Santillan DATE: Sept. 24, 1965

COMM-DC-57843

COMPILATION REPORT
CHART 634

31. DELINEATION

The T sheets comprising the area of chart 634 were compiled primarily with the Kelsh Plotter. The Wild B-8 plotter was used to compile the more dense urban areas of Savannah and Port Wentworth to assure more complete compilation of urban features and shoreline details which were not covered with the color photography.

The outer limits of the two southern T-sheets were not covered by 1:30,000 scale photography. These areas were compiled by using the high altitude bridging photos with the vertical projector.

Compilation photography was adequate, except for the determination and location of some aids along the Savannah River which was difficult with this photography.

Those aids which could not be seen due to tree overhand and shadows were delineated from the color transparencies.

Flight paths of photography left much to be desired for more economical compilation. In some areas, adjacent flights were so flown as to necessitate setting double the usual number of stereo Kelsh models.

32. CONTROL

No vertical control was required.

Refer to Photogrammetric Plot Report included with this Descriptive Report.

In some models there were only two or three bridge points, and in only a small number of models were there over four bridge points. The placement of these was not the best for a strong fix of the models. However, it is believed that the accuracy required for this project has been met.

Pass points determined during the analytic triangulation were held, but there were several models in which no positions were given to drilled points during bridging. On T-12826N, which included 7 stereo models, 8 pass points had no positions given, and on T-12828N, of three models, 2 pass points were not given positions. In these instances the positions of these drilled pass points were dropped and used as a Kelsh pass point to be held in the next model.

Horizontal control station Bonaventure Water Tank, 1932, was among the triangulation stations used in the adjustment of the analytic bridge.

32. CONTROL (Cont.)

This station has since been destroyed. See form 567 submitted with this report.

33. SUPPLEMENTAL DATA

The following supplemental data were furnished by the compilation office and were utilized in the manner described.

1. Nautical Chart 440 - Savannah River and Wassaw Sound.
   Scale 1:40,000, dated Dec. 7, 1964

   a. Additional geographic names and as an aid to the delineation of offshore details and dangers to navigation. Much of which were resolved by the field editor.

   b. Comparison made in order to meet requirements of combined Comparison - Field Edit print.

2. Prior Bureau Surveys T-5141 and T-5142
   Scale 1:10,000, dated Oct. 1933 and T-5137
   Scale 1:20,000, dated Oct. 1933

   a. Comparison for combined Comparison - Field Edit print.

3. Hydrographic Surveys (U.S.C. & G.S.) Savannah River
   No. 5550, scale 1:10,000, dated April - Sept. 1934
   No. 5572, scale 1:10,000, dated Aug. 1934
   No. 5584, scale 1:10,000, dated Sept. - Nov. 1934

   a. Comparison for combined Comparison - Field Edit print.

4. U.S.G.S. Shirley Quad., scale 1:62,500, dated 1919
   " Pineland " , " " " "
   U.S.C. of E. Peeples " , " " " 1943
   A.M.S. Garden City " , " 1:25,000 " 1960
   U.S.G.S. Limehouse " , " 1:24,000 " 1955
   " Port Wentworth " , " " " "
   " Savannah " , " " " "
   " Hardeeville " , " " " 1962
   " Hardeeville N.W. " , " " " "
   " Rincon " , " " " "

   a. These were submitted by the Geographic Names Section, and in addition to their use for names, they were used in the comparison for the Combined Comparison - Field Edit print. In some instances, drainage too difficult to delineate by the usual photogrammetric methods, was compiled by using these quadrangles, and the vertical projector to enlarge them to fit to points of common detail.

34. CONTOURS AND DRAINAGE

Contours are inapplicable to this project. Compilation photography, in some instances, was not of sufficient quality to assure good delineation of drainage. The color transparencies were used to a distinct advantage for the compilation of these details. The quadrangle maps and the vertical projector were used only where there was no color photography coverage.

35. SHORELINE AND ALONGSHORE DETAILS

Field inspection of shoreline and alongshore areas was not a prerequisite for this project. See Field Report submitted with this report.

The shoreline as delineated, is to a degree, an apparent shoreline, particularly along those areas of marsh and swamp north of Port Wentworth. This shoreline was determined to be somewhat back under the overhanging trees and tree shadows, and was so delineated.

Alongshore areas foul with trees, stumps and snags, as well as shallow areas and trees in water areas have been delineated.

No low water lines have been delineated. All shoreline structures, piers, wharves, retaining walls, bulkheads, groins and other alongshore details have been delineated by office interpretation and those corrected and/or edited by the field editor have been shown.

36. OFFSHORE DETAILS

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

Few offshore details were encountered during compilation. Those, noted on the chart 440, as obstructions or dangers to navigation, which could not be seen on the compilation photography, were referred to the field editor for further classification. They were then compiled or deleted as edit required.

37. LANDMARKS AND AIDS

Forms 567 are submitted with this report for 41 aids to navigation and 19 landmarks to be charted and 5 landmarks for deletion.

Non-floating aids, when they could be seen were plotted or dropped direct from the compilation kelsh models. When tree overhang or shadow made this impossible, they were delineated from the color transparencies.

A few landmarks and aids on T-12832N were delineated by fixes by the field editor, they are:

TOWER, TRANSMISSION, WEST ONE, STEEL, RED, WHITE, HT. = 231 (241) Ft. - see next page
TOWER, TRANSMISSION, EAST ONE, STEEL, RED, WHITE, HT. = 232 (242) Ft.
DAYBEACON 20 RANGE REAR
" 20 RANGE FRONT — See next page
" 22 RANGE REAR
" 22 RANGE FRONT

37. LANDMARKS AND AIDS (Cont.)

Point on Range 20
" " " 22 (doubtful)

The check angle at Point on Range 22, between the east and west transmission towers would not hold. ok. now see below

The East tower was fixed by three photo points, 2 angles and one measured distance, and it is believed that the location of this tower is ~~in~~ good.

The West tower was plotted direct from the Kelsh model from a direct pricking identified by the field editor and it is this pricking which is believed to be in error, thereby causing the check angle between towers not to close.

The compiler apparently didn't see the tower, but transferred the point on the photo which the field man had pricked for the radially displaced image of "the top of the tower". The tower (231 ft. high) is 5 Cm. from the center of the photo on which it was pricked, and the base, or corrected position is 41 meters north and 1 meter east of the compiled position. Port Wentworth Channel Range Lights beacons 20 Rear, 20 Front, and 22 Front were located using West Tower in the fixes, so their positions changed, as did the ranges. Forms 567 were submitted Dec. 13, 1965. Final Review W. M. Sweeney.

38. CONTROL FOR FUTURE SURVEYS

No recoverable topographic stations or photo hydro control points were established for this project.

39. JUNCTIONS

Junctions and overlap matches were made with each T-sheet within the limits of this new chart 634.

At the south end of this project are T-12832N and T-12832S which overlaps chart 440 from Port Wentworth south to Savannah. Inasmuch as this is a new chart compilation, and the scale differences encountered between two different middle latitudes of Mercator projection, ie. (32° for chart 440 and 32° 25' for chart 634) no attempt of a junction was made. Any differences in shoreline and/or offshore details noted during comparison were resolved by the field editor.

At the north end of new chart 634, T-12826N joins with T-12825S of new chart 635. Again, the differences of two different middle latitudes, brought about a noticeable difference in scale. This junction was resolved by the vertical projector, changing the scale of one to fit the other.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to item 23 of Photogrammetric Plot Report and item 32, Control of this report.

41. DETAILS NOT COVERED BY FIELD INSPECTION OR EDIT

41. DETAILS NOT COVERED BY FIELD INSPECTION OR EDIT (Cont.)

As stated under item 35 of this report and in reference to the Field Inspection Report and Field Edit Report no interior inspection was made.

Public buildings, schools and churches and T.V. and radio towers (not of landmark value) were delineated by utilizing the quadrangle map and nautical chart covering this area. These items were projected to scale, delineated and further verified by comparison with the photography.

The swamp areas along both sides of the Savannah River were difficult to determine from office interpretation of the photographs. The quadrangle maps were used as an aid to locate these limits on the photography. Where they could be seen on the stereo models, they were delineated. In other areas where this delineation was difficult, the quadrangle maps were used to define the limits.

No specific instructions were given concerning tree cover. Tree areas were delineated and only those clearings and tree areas too small to be of value to charts were eliminated.

All roads leading to shoreline facilities were delineated. Logging roads and trails, considered to be of little or no value were eliminated, according to instructions.

Many ponds, of considerable distance from the river, where shown on the quadrangle maps but were not visible on the photography. Some of these were named and were determined to be of intermittent nature, and were so delineated.

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 quadrnagles 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 item 33 and 41 of this report.

Comparison has been made with all existing maps and pertinent differences noted on the combined Comparison - Field Edit ozalid prints according to instructions.

47. COMPARISON WITH NAUTICAL CHARTS

Refer to item 39 and 46 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

for S. Hollis

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 (Page 7 of this report) of the Field Report submitted with this report.

It was noted that the name lists did not always include all of the quadrangle geographic names required for this project. Where this occured, the names noted on the quadrangles were used, and where conflicting or disputed names occured, these were noted on the registration ozalid.

In some instances, quadrangle geographic names were so carelessly underlined, that it was difficult to ascertain if a name should or should not be used.

An alphabetical name list of those names used from the 10 name quadrangles are as follows:

CHART 634 T-12832S/2 thru T-12826N/2

Abercorn Creek
Ardsley Park
Argyle Island
Atlantic Coastal Highway
Atlantic Coast Line
Avon Park

Back River
Barnwell Island
Barnwell Island No. 2
Bay Bush Point
Bay Street
Bear Creek
Berry Landing
Big Boar Flat
Big Boykin Bar
Big Collis Creek
Big Kiffer Point
Black Creek
Black Creek Landing
Black River
Black Swamp
Blanket Point
Blue Springs
Bowl Maker Point
Briar Creek Landing
Bridge Point
Buck Creek
Buff Lake
Bull Pen Point
Bull Street

Carver Village
Cedar Bluff Landing
City Front Channel*
Chair Walker Point
Chatham City
Chunk Creek
Clearview
Clydesdale Canal
Clydesdale Creek
Coleman Lake
Coleman Run
Cornhouse Reach
Cross Tides
Cypress Creek

Drakies Bluff
Drakies Cut
Drakies Point
Deadmans Point
Dry Pine Hill
Duck Pond
Dundee Hill

Ebenezer Creek
Ebenezer Landing
Enecks Bay
Enecks Landing

Fig Island
Finch Lake
Flat Dutch Point

* From Chart No. 440

48. GEOGRAPHIC NAMES (Cont.) CHART 634

T-12832S/2 thru T-12826N/2

Forks Lake
Fort Jackson
Foul Craw Point
Fox Lake
Fridays Dream Point
Front River
Frying Pan Landing
Frying Pan Point

Gaffneys Landing
Garden City
Gator Holes
Gin Raw Lake
Gnann Fish Pond
Gold Wires Reach
Gordonston
Groover Branch
Gum Stump Point

Haddonville
Haddon Lake
Helmley Pond
Hickory Bend
Hodgin Lake
Hog Island
Hog Marsh Island
Hognose Point
Horse Bluff
Houstown Cut
Hudsons Ferry Reach
Hudsons Ferry Landing
Hungleiter Branch
Hutchinson Island

Ivory Lake

Jacob Jump Point

Keiffer Branch
Keiffer Pond
Kennedy Lake
Kings Island*
Kings Island Channel*
Knox Brough Creek

Lady Washington Point
Le Pageville
Liberty City
Little Abercorn Creek
Little Back River
Little Boykin Bar
Little Collis Creek
Little Cornhouse Reach
Little Hearst Branch
Little Kiffer Point
Little Snooks Lake
Lockner Creek
Long Hill
Long Pond

Magnolia Ridge
Marsh Island
Marsh Island Channel*
Marsh Point
Martins ~~Point~~ Landing
McCombs Cut
~~XXXXXXXXXX~~
Middle Kiffer Point
Middle River
Mill Creek
Mill Stone Landing
Monkey Point
Montieth
Mosquito Camp Point
Mosquito Creek
Mulberry Grove
Murray Hill Canal
Myers

New Landing

Ogeecheeton
Oglethorpe Range*
Old Log Landing
Open Pond
Old River
Old Wood Landing
Onslow Island

Pallachucola
Pennyworth Island
Pfeiffers Landing
Pine Gardens
Pine Tree Camp Point
Pine Gardens
Pipe Makers Canal
Plank Creek
Poor Robins Landing
Poor Robin Lower Cut Point
Poor Robin Upper Cut Point

* From Chart No. 440

48. GEOGRAPHIC NAMES (Cont.) CHART 634

T-12832S/2 thru T-12826N/2

Porters Landing
Port Wentworth
Port Wentworth Channel
President Street
Purysburgh
Purysburgh Landing
Purysburgh Station

Rabbit Bar Point
Raccoon Creek
Reiser Pond
Rhodes Cut
Richfield
Robinson Round
Rock Dam
Rooty Branch
Rossignol Hill

Salt Water Creek
Sam Hole Bay
Sand Hills
Savannah
Savannah and Atlantic R R
Savannah River
Sawdust Bay
Seaboard Airline
Shubra Canal
Snooks Lake
Springfield Canal
St. Augustine Creek
State Highway 25 & 26
State Highway 21
State Highway 25 ++
Steamboat River
Stokes Bluff Landing
Strong Creek
Sugarloaf Hill
Symons Landing

Talmadge Memorial Bridge
Tatumsville
Taylor Canal
Tee Lake
Tew Lake
Tiger Leap Bluff
Thompsons Cut
Thompsons Long Round

Thompson Pond
Tremont Park
Trowells Landing
Umbar Run
U. S. Highway 17 & 80
U. S. Highway 17S
U. S. Highway 17N
U. S. Highway 80
U. S. Highway 11 & 80
U. S. Highway 17
U. S. Highway 17A++
Union Creek
Ursla Island

Vernezobre Creek

Wheat Hill
Whitehall Channel*
Willow Oak Point
Woodville
Wrecks Channel*
Yonkley Creek
Zacharias Point

++ Highways came from quads, not recommended by names section
* From Chart No. 440

GEOGRAPHIC NAMES

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

T- 12826 & T-12827

Savannah River
Blanket Point
Goldwires Reach
Fowl Craw Point
Hudson Ferry Landing
Jacob Jump Point
Martins Landing
Willow Oak Point
Monkey Point
Blue Springs
Black Creek Landing
Tiger Leap Bluff
Enecks Landing T-12827
Rabbit Bar Point "
Porters Landing
Cedar Bluff Landing
Hudson Ferry Reach
Poor Robin Landing
Poor Robin Upper Cut Point
Thompson Long Round
Thompson Cut Point
Poor Robin Lower Cut Point
Bull Pen Point
Little Cornhouse Reach
Long Branch
Trowells Branch
Jones Place
White Pond

Buck Creek
Jackson Branch
Black Creek
Rooty Branch
Enecks Bay
Cornhouse Reach
Mosquito Camp Point
Haskell Barony Swamp
Little Black Creek
Runs Branch
Greenbay
Boggy Swamp
Leola

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

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

T-12828

Hognose Point
Savannah River
Myers
Stokes Bluff Landing
Pallachucola Lake
Buff Lake
Hog Branch
Goldwires Reach
Cedar Bluff Landing
Trowells Landing
King Branch
Runs Branch

A. J. Wraight

A. J. Wraight
Geographic Names

111

GEOGRAPHIC NAMES

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

T-12829 T-12830

Savannah River
Old Log Landing
Coleman Run
Horse Bluff
Long Hill
Groover Branch
Gnann Fishpond
Old River
Strong Creek
Plank Creek
Ebenezer Creek
Ebenezer Landing
Berry Landing
Gaffneys Landing
Haddonville
Frying Pan Point
Frying Pan Landing
Zacharias Point
Bowl Maker Point
Chair Maker Point
Little Boykin Bar
Big Boykin Bar
Hungleiter Branch
Helmly Pond
~~Keiffer~~ Pond (KIFFER)
~~Keiffer~~ Branch (KIFFER)

Thompson Pond
Stillwell Branch
Umbar Run
Umbar Long Hill
Sugarloaf Hill
Chumk Cr.
Bear Bluff
Cypress Creek
Hodgin Lake
Yorkly Creek
Reiser Pond

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

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

T- 12830

Cypress Branch ~ 29
New Landing ~ 29
Black Swamp ~ 29
Robertville Station
Savannah River
Sand Hills ~ 29

A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

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

T-12830

Lockness Creek
Symons Landing
Big Kiffer Point
Middle Kiffer Point
Old Wood Landing
Little Kiffer Point
Savannah River
Bay Bush Point
Flat Ditch Point
Pine Tree Camp Point
Hickory Bend
Forks Lake
Mill Creek
Bean Creek
Gator Holes
Coleman Lake
Bride Point
Mosquito Creek
Little Collis Creek
Little Abercorn Creek

A. J. Wraight

A: J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

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

T-12831

Savannah River
Purysburgh Landing
Purysburgh
Purysburgh Station
Mill Stone Landing

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

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

T- 12831

Savannah River
Bean Creek
Mosquito Creek
Abercorn Creek
Big Gayland Creek
Little Gayland Creek
Big Collis Creek
Little Collis Creek
Little Abercorn Creek
Lady Washington Point.
Gum Stump Point.

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

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

T-12832 N/2

Argyle Island
Clydesdale Creek
Hog Island
Hutchinson Island
Little Back River
Murray Hill Canal
Savannah National Wildlife Refuge
Taylor Canal
Vernezobre Creek
Open Pond
Lucknow Canal

A. J. Wraight

A. J. Wraight
Geographic Branch

GEOGRAPHIC NAMES

Ph 21510 (Garden City, S.C.-GA.)

T- 12832 S/2

Chatham City
Rossignol Hill
Garden City
Pipe Makers Canal
Dundee Canal
Kings Island
Hutchenson Island
Sharon Park
Savannah & Ogeechee Canal
Woodlawn Terrace
Woodville
Wheat Hill
Savannah River

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

Ph 21510 (Port Wentworth, Ga.-S.C.)

T-12832 S/2

Hutchinson Island
Kings Island
Pipe Makers Canal
Rock Dam
Back River
Savannah River
Middle River
Argyle Island
Rhodes Cut
Port Wentworth
Onslow Island
Front River
Little Back River
Savannah National Wildlife Refuge
St. Augustine Creek
Drakies Bluff
Drakies Cut
Houstown Cut
Steamboat River
Drakies Point
Hog Marsh Island
Montieth
Little Hearst Branch
Black Creek
Deadmans Point
Abercorn Creek
Union Creek
McCombs Cut
O'Leary
Ursla Island
Knoxborough Creek

A. J. Wraight

A. J. Wraight
Geographic Names

GEOGRAPHIC NAMES

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

T- 12832 S/2

Barnwell Is. No. 2
Barnwell Island
Back River
Carver Village
Clearview
Clydesdale Canal
Fig Island
LePageville
Fort Jackson
Murray Hill Canal
Marsh Point
Hutchinson Island
Savannah
Savannah River
Pennyworth Island
Springfield Canal
Salt Water Cr.
Savannah and Ogeechee Canal
Shrubra Canal
Savannah Nat. Wildlife Refuge

A. J. Wraight

A. J. Wraight
Geographic Names

49. NOTES FOR THE HYDROGRAPHER

None

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 protudes about 10 to 12 feet above high water. This concrete pile is usually about 2 to 3 feet downstream from the downstream groin. In those cases where the aid was not on the downstream groin, it has been noted on the field edit sheet.

The groins consist of a dolphin like structure(about 6 to 8 piles tied together) on the offshore end of two rows 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 n 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

FORM 182 (3-61)

50- **PHOTOGRAMMETRIC OFFICE REVIEW**

Chart 634 T-12826N

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label. Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	Bridge

11. DETAIL POINTS: Kelsh

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	NONE

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCEL-LANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	Comparison Field Edit	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H. Bishop	Albert C. Rauck 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	SIGNATURE OF SUPERVISOR
Billy H. Barnes	Albert C. Rauck Jr

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 28358-P61

FORM 182 (3-61)

50- PHOTOGRAMMETRIC OFFICE REVIEW

Chart 634 T-12826S

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	Bridge

11. DETAIL POINTS: Kelsh

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	NONE

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	Comparison Field Edit	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H Bishop	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	SIGNATURE OF SUPERVISOR
Alberto Santillan	Albert C. Rauch Jr

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (3-61)

50- **PHOTOGRAMMETRIC OFFICE REVIEW**
Chart 634 T-12827

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	Bridge

11. DETAIL POINTS: Kelsh

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	NONE

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	Comparison Field Edit	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H Bishop	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	SIGNATURE OF SUPERVISOR
Alberto Santillan	Albert C. Rauch Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (3-61)

50-PHOTOGRAMMETRIC OFFICE REVIEW

Chart 634 T-12828S

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification Label Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)		
NONE	NONE		
7. PHOTO HYDRO STATIONS	**8. BENCH MARKS**	**9. PLOTTING OF SEXTANT FIXES**	**10. PHOTOGRAMMETRIC PLOT REPORT**
NONE	NONE	NONE	Bridge
11. DETAIL POINTS			
Kelsh			

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	CHB
16. AIDS TO NAVIGATION	**17. LANDMARKS**	**18. OTHER ALONGSHORE PHYSICAL FEATURES**	
CHB	NONE	CHB	
19. OTHER ALONGSHORE CULTURAL FEATURES			
CHB			

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB
22. PLANETABLE CONTOURS	**23. STEREOSCOPIC INSTRUMENT CONTOURS**
NONE	NONE
24. CONTOURS IN GENERAL	**25. SPOT ELEVATIONS**
NONE	NONE
26. OTHER PHYSICAL FEATURES	
CHB	

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB
30. OTHER CULTURAL FEATURES		
CHB		

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	
CHB	CHB	
35. LEGIBILITY OF THE MANUSCRIPT	**36. DISCREPANCY OVERLAY**	**37. DESCRIPTIVE REPORT**
CHB	Comparison Field Edit	CHB
38. FIELD INSPECTION PHOTOGRAPHS	**39. FORMS**	
CHB	CHB	
SIGNATURE OF REVIEWER	**SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT**	
Charles H Bishop	Albert C. Rauck 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	SIGNATURE OF SUPERVISOR
Charles Blood	Albert C. Rauck Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (3-61)

50- PHOTOGRAMMETRIC OFFICE REVIEW

Chart 634 T-12828N

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	Bridge

11. DETAIL POINTS: Kelsh

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	CHB

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	Comparison Field Edit	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H. Bishop	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	SIGNATURE OF SUPERVISOR
Bernice W Ison	Albert C. Rauch Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (3-61)

50- PHOTOGRAMMETRIC OFFICE REVIEW

Chart 634 T-12829

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	Bridge

11. DETAIL POINTS: Kelsh

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	NONE

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	Comparison Field Edit	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H. Bishop	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	SIGNATURE OF SUPERVISOR
Harry J. Codd	Albert C. Rauch, Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 28353-P61

FORM 182 (3-61)

50- PHOTOGRAMMETRIC OFFICE REVIEW

Chart 634 T.12830

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	4a Classification label. Unclassified NONE	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	BRIDGE

11. DETAIL POINTS: KELSH

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	NONE

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
NONE	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB
22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE
24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	COMPARISON-FIELD EDIT	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	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	SIGNATURE OF SUPERVISOR
Billy H. Barnes	Albert C. Rauch, Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 26353-P61

FORM 182 (3-61)

50- PHOTOGRAMMETRIC OFFICE REVIEW
CHART 634 T-12831

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
chb	none 4a Classification label: Unclassified	chb	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	NONE	BRIDGE

11. DETAIL POINTS: KELSH

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	NONE	CHB	CHB

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
CHB	NONE	CHB

19. OTHER ALONGSHORE CULTURAL FEATURES: CHB

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
CHB	CHB

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: CHB

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
CHB	CHB	CHB

30. OTHER CULTURAL FEATURES: CHB

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
CHB	CHB

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
CHB	COMPARISON-FIELD EDIT	CHB

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Charles H. Bishop	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	SIGNATURE OF SUPERVISOR
Billy F. Barnes	Albert C. Rauch Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 28353-P61

FORM 182 (8-61)

50- **PHOTOGRAMMETRIC OFFICE REVIEW**
CHART 634 T-12832N

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	NONE 4a Classification label. Unclassified	CHB	CHB

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	LLG	BRIDGE

11. DETAIL POINTS: KELSH AND WILD B-8

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
LLG	NONE	LLG	LLG

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
LLG	LLG	LLG

19. OTHER ALONGSHORE CULTURAL FEATURES: LLG

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
LLG	LLG

22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE

24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: LLG

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
LLG	LLG	LLG

30. OTHER CULTURAL FEATURES: LLG

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS
LLG	LLG

35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
LLG	COMPARISON-FIELD EDIT	LLG

38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
LLG	LLG

SIGNATURE OF REVIEWER	SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT
Laurence L. Graves	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	SIGNATURE OF SUPERVISOR
Karl G. Boyle	Albert C. Rauch Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25353-P61

FORM 182 (8-61)

50m PHOTOGRAMMETRIC OFFICE REVIEW

CHART 634 T-12832S

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
LLG	NONE 4a Classification label Unclassified	LLG	LLG

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
NONE	NONE

7. PHOTO HYDRO STATIONS	8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT
NONE	NONE	LLG	BRIDGE

11. DETAIL POINTS: KELSH AND WILD B-8

ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
LLG	NONE	LLG	LLG

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES
LLG	LLG	LLG

19. OTHER ALONGSHORE CULTURAL FEATURES: LLG

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER
LLG	LLG
22. PLANETABLE CONTOURS	23. STEREOSCOPIC INSTRUMENT CONTOURS
NONE	NONE
24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS
NONE	NONE

26. OTHER PHYSICAL FEATURES: LLG

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS
LLG	LLG	LLG

30. OTHER CULTURAL FEATURES: LLG

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NONE	NONE

MISCEL-LANEOUS

33. GEOGRAPHIC NAMES		34. JUNCTIONS
LLG		LLG
35. LEGIBILITY OF THE MANUSCRIPT	36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT
LLG	COMPARISON-FIELD EDIT	LLG
38. FIELD INSPECTION PHOTOGRAPHS		39. FORMS
LLG		LLG
SIGNATURE OF REVIEWER: Lawrence T. Graves		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	SIGNATURE OF SUPERVISOR
Lowell A. Peterson Jr.	Albert C. Rauch Jr.

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25953-P61

FORM CD-121 (9-22-59)
(PRES. BY A.O. 206-10)

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 coordinatograph 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.

M E Nath
for J. E. Waugh

Mr Slenberg

FORM CD-121 (9-62-59)
(PRES. BY A.O. 206-10)

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

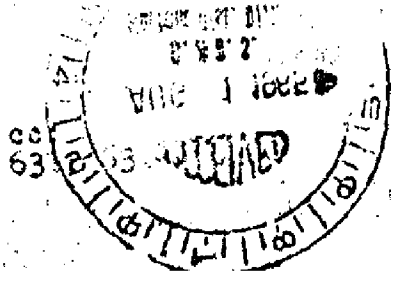
Additional project information is furnished to the Chart Division upon request.

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 procedures are necessary:

James C. [illegible], Jr.

cc
63



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. Hicks Jr.

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. Rauch, Jr.

Copy

JOB PH-6501
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 759

orm 567
pril 1945

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. 19 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 L. Sullivan

J. BULL

Chief of Party.

STATE GEORGIA

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
TANK	(Bonaventure Water Tank, 1932) Tank Razed		32 02.7		81 02.8		NA 1927 MERC.	TRI. OFF OF PROJECT T-12832S	VERIFICATION 2-26-65				~~440~~ 1240 634 S.C
TANK	(Savannah Slender Water Tank, 1932) Tank Razed		32 05.4		81 05.2			TRI T-12832S	"				" "
STACK	STRUCTURE GONE		32 07.4		81 08.2			T-12832N T-12832S	"				~~440~~ 634 S.C
R.TR.PA.	RADIO TOWER NOT PROMINENT		32 04.3		81 05.5			T-12832S	"				~~440~~ 1240 634 S.C

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

Form 567
April 1945

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 *(~~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 R. J. PATE J. BULL

Chief of Party.

STATE GEORGIA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
TANK	STEEL 4 LEGGED SILVER COLOR HT. = 130 (145) FT.		32 04	37.33 1145.5	81 03	02.74 71.5	NA 1927 MERC.	PHOTO T-12832S	~~APR. 65~~ 2-26-65 AUG. 65		X		440 1240 634 S.O.
TOWER	TRANSMISSION, STEEL, RED, WHITE HT.=271 (276) FT.		32 04	53.21 1633.0	81 02	58.17 1520.0	"	"	"		X		"
DOME	(Savannah, City Hall Dome 1932) METAL COVERED, GREEN, HT. = 135 (170) FT .		32 04	51.19 1571.0	81 05	28.67 749.1	"	"	"		X		"
STACK	(Savannah, Power House Stack, East, 1932) CONCRETE, GRAY COLOR HT. = 243 (253) FT.		32 04	59.93 1839.2	81 05	44.21 1155.3	"	"	"		X		"
STACK	(Savannah, Power House Stack, West, 1932) CONCRETE, GRAY COLOR HT. = 248 (258) FT.		32 05	00.67 20.6	81 05	45.68 1193.6	"	"	"		X		"
ANDPIPE	(Standpipe, 1918) CONCRETE LIGHT GRAY, HT. = 192 (197) FT.		32 05	15.82 485.6	81 06	14.96 390.8	"	"	"		X		"
TWIN SPIRES	(Savannah, St. Johns Cathedral, East Spire, 1932) TALL, SLENDER, CROSS ATOP, HT. = 214 (254) FT. GRAY		32 04	23.73 728.2	81 05	29.04 758.8	"	"	"		X		"
	(Savannah, St. Johns Cathedral, West Spire, 1932) GRAY, TALL, SLENDER, CROSS ATOP, HT. = 214 (254)FT.		32 04	23.17 711.1	81 05	29.15 761.6	"	"	"		X		"
TOWER	STEEL, RED, WHITE HT. = 490 (535) FT.		32 04	06.54 200.8	81 05	35.75 934.2	"	"	"		X		"

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

Form 567
April 1945

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 *(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 R. J. PATE

A. SANTILLAN

J. BULL

Chief of Party.

STATE GEORGIA

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
TANK	STEEL, BLACK, HT = 178 (210) Ft.		32 04	38.57 1183.6	81 05	01.61 42.1	NA 1927 MERC.	PHOTO T-12832S	~~MAR. 65~~ 2-26-65 AUG. 65		x		440 1240 634 S.C.
TOWER	TRANSMISSION, STEEL, RED, WHITE HT. = 274 (279) FT.		32 04	41.83 1283.5	81 03	03.77 98.5	"	"	"		x		"
TANK	(Tank U.S.E. (Ga.) (Savannah)) 1934 WOOD, RED, HT = 74 (84) FT.		32 04	51.89 1592.3	81 04	48.12 1257.5	"	"	"		x		"
TOWER	RR. BRIDGE TOWER EAST ONE STEEL, HT = 184 (197) FT.		32 06	15.31 469.9	81 07	01.71 44.8	"	"	"		x		440 634 S.C.
TANK	(North of Savannah Silver Twin Tanks, East one, 1933) CERTAINTEED PRODUCT INC. STEEL HT. = 146 (156) FT.		32 06	38.91 1194.5	81 07	35.10 917.1	"	"	"		x		"
TOWER	R.R. BRIDGE TOWER WEST ONE STEEL HT. = 184 (197) FT.		32 06	13.70 420.5	81 07	03.82 99.9	"	"	"		x		"
TANK	STATE DOCKS, PORT AUTHORITY, STEEL, 8 LEGGED, HT.= 132 (142) FT.		32 07	08.72 267.8	81 08	05.69 148.7	"	"	"		x		"
TOWER	TRANSMISSION, WEST ONE, STEEL, RED, WHITE, HT = 231 (241) FT.		32 08	51.15 1570.8	81 08	38.78 1013.2	"	T-12832N T-12832S	"		x		"
TOWER	TRANSMISSION, EAST ONE, STEEL, RED, WHITE, HT = 232 (242) FT.		32 08	54.45 1672.2	81 08	29.85 779.9	"	"	"		x		"

See Page 18 & 53

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

Form 567
April 1945

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.~~ 19~~45~~

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 L. Sullivan, R. J. PATE R. J. Pate

J. HULL
Chief of Party.

STATE: GEORGIA

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
	SAVANNAH RIVER												
	WRECKS CHANNEL												
50	FIG ISLAND JETTY LIGHT 50 Red square daymark on dolphin L.L. 4591		32 04	51.16 1570.0	81 02	55.97 1762.5	NA 1927 MERC. T-128325	PHOTO	MAR. 65 8-31-65		x		440 634 S.C.
51	FIG ISLAND LIGHT 51 Black Square daymark on dolphin L.L. 4592		32 04	46.89 1437.2	81 03	37.59 982.2	〃	〃	〃		x		〃 〃
52	CITY FRONT CHANNEL LIGHT 52 Red triangular day mark on dolphin L.L. 4592.5		32 04	45.92 1409.3	81 03	27.74 724.9	〃	〃	〃	x			〃
	ABOVE SAVANNAH KINGS ISLAND CHANNEL												
2	LIGHT 2, Red, triangular daymark on dolphin L.L.4593		32 07	04.95 151.9	81 07	47.03 1228.8	〃	〃	〃				〃 〃
4	CHANNEL LIGHT 4 Red triangular daymark on dolphin L.L. 4595		32 07	18.69 573.8	81 07	58 01 1515.7					x		
6	CHANNEL LIGHT 6 Red triangular day mark on dolphin L.L. 4595.3		32 07	37.75 1158.9	81 08	07.74 202.3		T-128329 T-12852H	〃				〃 〃
8	CHANNEL LIGHT 8 Red triangular daymark on dolphin L.L. 4595.9		32 07	50.26 1543.1	81 08	10.42 272.3		〃 〃	〃		x x		〃 〃
	WHITEHALL CHANNEL												
10	CHANNEL LIGHT 10 Red triangular daymark on dolphin L.L. 4597.3		32 07	57.95 1779.1	81 08	18.24 476.5		〃 〃	〃		x		〃 〃
7	RANGE 2 REAR LIGHT, WHITE Circular daymark on skeleton tower L.L. 4597		32 07	42.42 1302.5	81 08	21.64 565.5		〃 〃	〃		x		〃 〃
7	RANGE 1 FRONT LIGHT 7, White diamond daymark on dolphin L.L. 4596		32 07	48.59 1492.0	81 08	24.59 641.0		〃 〃	〃		x		〃 〃

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

Form 567
April 1945

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 *(~~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. BULL
Chief of Party.

STATE GEORGIA

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
STACK	CONTINENTAL CAN CO., CONCRETE, RED, WHITE, HT. = 248 (258) FT.		32 09	~~19.02~~ 584.3	81 09	~~34.06~~ 889.9	NA 1927 MERC.	PHOTO T-12832N	~~MAR 65~~ 2-26-65 AUG. 65		x		634 S.C.

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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by*

Form 567
April 1945

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. 65, 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 L. SULLIVAN L. Sullivan

J. BULL

Chief of Party.

STATE GEORGIA

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
STACK	STACK STILL IN PLACE, BUT NOT RECOMMENDED FOR LANDMARK SINCE LARGER STACK NEARBY		32 09.2		81 09.3		NA 1927 MERC.	T-12832N	VERIFICATION 2-26-65				~~440~~ 634 S.C.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by

Form 567
April 1945

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 ~~(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 R. J. Pate A. Santillan

J. BULL

Chief of Party.

STATE GEORGIA

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
	SAVANNAH RIVER												
	WHITEHALL CHANNEL								MAR.65				
11	RANGE 2 REAR LIGHT, White circular daymark on skeleton tower L.L. 4600		32 07	53.19 1633.1	81 08	30.08 786.1	NA 1927 MERC.	PHOTO T-12832 T-12833	8-31-65		x		440 634 S.C.
11	RANGE 2 FRONT LIGHT, White circular daymark on dolphin L.L. 4599		32 07	~~58.86 1807.0~~	81 08	~~30.86 806.4~~	"	"	"		x		"
	SAVANNAH RIVER ABOVE SAVANNAH												
	WHITEHALL CHANNEL												
15	DAYBEACON 15 White triangular daymark on pile structure L.L. 4601		32 08	24.31 746.6	81 08	39.47 1031.4	"	"	"		x		"
17	DAYBEACON 17 White triangular daymark on pile structure L.L. 4602		32 08	36.65 1125.3	81 08	36.49 953.5	"	"	"		x		"
	PORT WENTWORTH CHANNEL												
20	~~RANGE REAR DAYBEACON 20~~ White circular daymark on pile L.L. 4602	See Page 18 & 52	32 08	52.32 1606.6	81 08	28.63 748.1	"	"	"		x		"
20	~~RANGE FRONT DAYBEACON 20~~ White diamond daymark on pile	"	32 08	54.83 1683.8	81 08	32.31 844.4	"	"	"		x		"
22	~~RANGE REAR DAYBEACON 22~~ White circular daymark on tripod L.L. 4602		32 09	01.89 57.9	81 08	35.66 931.7	"	"	"		x		"
22	~~RANGE FRONT DAYBEACON 22~~ White diamond daymark on pile	See Page 18 & 52	32 08	~~57.51 1766.0~~	81 08	34.48 900.9	"	"	"		x		"

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

Form 567
(4-61)

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. 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 R. J. PATE RJ Pate

J. BULL
Chief of Party.

STATE GEORGIA AND SOUTH CAROLINA

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
	SAVANNAH RIVER ABOVE SAVANNAH												
1	DAYBEACON 1 Black pointer on pile		32 14	04.50 138.4	81 09	02.30 60.0	NA 1927 MERC.	PHOTO T-12832N T-12831	MAR. 65 8-31-65				634 S.C.
2	DAYBEACON 2 Red pointer on pile		32 15	48.40 1488.2	81 08	39.82 1040.6	"	T-12831	"				"

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.

USCOMM-DC 25412-P61

* TABULATE SECONDS AND METERS

Form 567
April 1945

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. 5, 1965

I recommend that the following objects which ~~have not~~ have 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 R. J. PATE R. J. Pate

J. BULL

Chief of Party.

STATE GEORGIA AND SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	SAVANNAH RIVER ABOVE SAVANNAH			59.15		53.88	NA 1927	PHOTO T-12828	MAR. 65 8-31-65				634 S.C.
3	DAYBEACON 3 Black pointer on pile		32 27	1002.3	81 11	1407.8	MERC.	T-12828S					
4	DAYBEACON 4 Red pointer on pile		32 28	54.80 1689.2	81 12	55.88 1760.1	"	"	"				"
5	DAYBEACON 5 Black pointer on pile		32 29	27.64 851.9	81 13	30.41 794.7	"	T-12828S	"				"
	DAYBEACON (No Number) Black pointer on pile		32 30	49.59 1529.1	81 13	58.27 1522.7	"	" T-12828S	"				"
	DAYBEACON (No Number) Black pointer on pile		32 31	17.45 538.2	81 15	28.73 750.6	"	T-12828N	"				"

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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The item should be considered when the planning of the survey is made.

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April 1945

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. 6, 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 ~~R. J. PATE~~ R.J. Pate

J. BULL

Chief of Party.

STATE: GEORGIA AND SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	POSITION LATITUDE* ″ D.M. METERS	POSITION LONGITUDE* ° ′	POSITION LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	SAVANNAH RIVER ABOVE SAVANNAH												
VV 11	DAYBEACON 11 Black pointer on pile		32 33	09.05 279.2	81 16	45.71 1194.4	NA 1927 MERC.	PHOTO T-12828N	MAR. 65" 8-31-65				634 S.C.
	DAYBEACON (No Number) Red pointer on pile		32 33	24.04 741.6	81 17	49.30 1288.2	"	"	"				"
	DAYBEACON (No Number) Black pointer on pile		32 33	44.65 1377.4	81 18	03.18 83.0	"	"	"				"
14	DAYBEACON 14 Red pointer on pile		32 33	40.36 1245.1	81 18	27.41 716.1	"	"	"				"

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

Form 567
April 1945

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. 65, 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 A. SANTILLAN A. Santillan J. BULL

Chief of Party.

STATE GEORGIA AND SOUTH CAROLINA

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
	SAVANNAH RIVER ABOVE SAVANNAH												
	DAYBEACON (No Number) Red pointer on pile		32 34	01.85 57.00	81 20	36.70 959.0	NA 1927 MERC.	PHOTO T-12827	MAR. 65 8-31-65				634 S.C.
18	DAYBEACON 18 Red pointer on pile		32 34	43.76 1346.5	81 21	59.19 1546.6	"	"	"				"
20	DAYBEACON 20 Red pointer on pile		32 35	25.83 797.2	81 22	57.04 1490.5	"	"	"				"
	DAYBEACON (No Number) Red pointer on pile		32 35	51.38 1585.8	81 23	27.36 714.8	"	"	"				"
	DAYBEACON (No Number) Black pointer on pile		32 36	08.70 268.4	81 23	41.08 1073.5	"	"	"				"
	DAYBEACON (No Number) Black pointer on pile		32 36	26.26 810.5	81 24	00.66 17.3	"	"	"				"
	DAYBEACON (No Number) Black pointer on pile		32 37	28.76 888.0	81 24	51.08 1334.6	"	T-12827 T-12826S	"				"

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

Form 567
(4-61)

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. 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 A. SANTILLAN A. Santillan

J. HULL
Chief of Party.

STATE: GEORGIA AND SOUTH CAROLINA

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
	SAVANNAH RIVER ABOVE SAVANNAH												
28	DAYBEACON 28 Red pointer on pile		32 38	30.90 954.2	81 24	37.90 990.2	NA 1927 MERC.	PHOTO T-12826S	MAR. 65 8-31-65				634 S.C.
29	DAYBEACON 29 Black pointer on pile		32 39	44.93 1387.7	81 23	56.42 1474.4	"	"	"				"
	DAYBEACON (No Number) Red pointer on pile		32 41	07.12 220.1	81 24	25.12 656.5	"	"	"				"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, 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.

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* TABULATE SECONDS AND METERS

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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.~~, 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 A. SANTILLAN A. Santillan

J. HULL

Chief of Party.

STATE: GEORGIA AND SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	SAVANNAH RIVER								MAR. 65				
	~~ABOVE SAVANNAH~~			18.62		49.30	NA 1927	PHOTO	8-31-65				634 S.C.
32	DAYBEACON 32												
	~~Red pointer on pile~~		~~32 46~~	~~575.8~~	~~81 25~~	~~1288.3~~	MERC.	T-12826N					
				21.17		33.00							
33	DAYBEACON 33						"	"	"				"
	~~Black pointer on pile~~		~~32 46~~	~~654.9~~	~~81 25~~	~~862.4~~							

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.

USCOMM-DC 25412-P61

* TABULATE SECONDS AND METERS

REVIEW REPORT T-12826 through T-12832
COMPILATIONS FOR SMALL CRAFT CHART 634
January 1966

61. General Statement

Se Summary (Page 6) in this Descriptive Report.

62. Comparison with Registered Topographic Surveys

T-5137, 1:20,000 1933 for T-12831

T-5141 1:10,000 1933 for T-12832 N/2 and S/2
T-5142 1:10,000 1933

No other registered surveys are available.

A Comparison ozalid for each of: T-12831, T-12832 N/2 and T-12832 S/2 is submitted. The Comparison ozalid for T-12831 shows shifts as much as 40 meters in the position of the Savannah River, particularly between latitude 32° 15' and 32° 19'. River changes shown on the Comparison ozalid for T-12832 N/2 and S/2 are not shifts, but appear to be due to widening the channel and silting in the BACK RIVER.

It is noted that on T-5137 the latitude lines are 1° off perpendicular from the central meridian, skewing the projection 5.0 m.m. three minutes from the central meridian.

63. Comparison with Maps of Other Agencies

HARDEEVILLE NW (Ga.)	1:24,000	1962	for	T-12829 & T-12830
RINCON	"	"	"	"
HARDEEVILLE	"	"	"	T-12830 & T-12831
PORT WENTWORTH	"	1955	"	T-12831 & T-12832
LIMEHOUSE	"	"	"	"
SAVANNAH	"	"	"	T-12832

Comparison ozalid prints are submitted for T-12829, T-12830, T-12831, T-12832 N/2 and T-12832. Changes are relatively minor, the quadrangles show no obstructions in the Savannah River and no aids to navigation.

63. Comparison with Maps of Other Agencies (cont.)

The remaining maps have 1:62,500 scale quandrangle coverage dating 1938 and 1941. The obvious changes are "cut offs" in the Savannah River.

64. Comparison with Contemporary Hydrographic Surveys

None Available.

65. Comparison with Nautical Charts

Chart 440 1:40,000 30th Edition December 7, 1964.

T-12832 S/2 is the only one of these maps for which any chart coverage exists; see the ozalid comparison print for it.

66. Adequacy of Results and Future Surveys

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

Any future survey should check whether the objects on T-12831 along the west bank of the Savannah River near latitude 32° 18.4' are piers, barges or sunken barges.

Reviewed by:

S. G. Blankenbaker
S. G. Blankenbaker

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

Chief, Marine Charts Division

C&GS FORM 567
(11-61)

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 December 13, 1965

I recommend that the following objects which 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 Leo F. Beugnet

Joseph Steinberg *Chief of Party.*

STATE Georgia

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	POSITION LATITUDE* D.M. METERS	POSITION LONGITUDE* ° ′	POSITION LONGITUDE* D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INTERCOAST CHART	OFFSHORE CHART	CHARTS AFFECTED
	Port Wentworth Channel Range Front Daybeacon 20		32 08	56.41 1730	81 08	32.91 860	NA 1927	Chart Topography T-12832	Aug.1965 N/2	x			440
	Port Wentworth Channel Range Rear Daybeacon 20		32 08	53.02 1626	81 08	28.70 750	"			x			440
	Port Wentworth Channel Range Front Daybeacon 22		32 08	58.44 1792	81 08	34.97 914	"			x			440

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

USCOMM-DC 16294-P61

C&GS [redacted] 567
(11-61)

U.S. DEPART[redacted] OF COMMERCE
COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS~~ OR LANDMARKS FOR CHARTS

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

[illegible] December 13, 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 _____

Leo F. Beugnet

Joseph Steinberg *Chief of Party.*

STATE Georgia

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.P. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
TOWER	Steel, transmission Ht=231 (241)		32 08	52.57 1612	81 08	38.72 1012	NA 1927	Chart Topography T-12832	Aug. 1965 N/2	x			440

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

USCOMM-DC 16234-P61

53

m C&GS-413
-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

LETTER TRANSMITTING DATA

REFERENCE NO.
PH-91-66 (Cont.)

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

☐ ORDINARY MAIL ☐ AIR MAIL
☒ REGISTERED MAIL ☐ EXPRESS
☐ GBL (Give number) _____

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

ATTN: c 141

DATE FORWARDED
26 January 1966

NUMBER OF PACKAGES
4

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

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

PACKAGE NO. 4 (Cont.)

FROM. NORFOLK

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

~~CANCELLED~~ CLASSIFIED
FILED IN RECORDS &
INFORMATION SECTION
(PHOTOGR. 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

USCOMM-DC 8609-P63

FORM C&GS-413 (12-8-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

LETTER TRANSMITTING DATA

REFERENCE NO.
PH-166-66

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

☐ ORDINARY MAIL ☐ AIR MAIL
☒ REGISTERED MAIL ☐ EXPRESS
☐ GBL (Give number) _____

TO:

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

ATTN: C 141

DATE FORWARDED
May 2, 1966

NUMBER OF PACKAGES
1

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

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.

Al.

ATTN: Mr. Sam Blankenbaker

FROM: (Signature)

Joseph Steinberg, For Director, Atlantic Marine Center

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

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

USCOMM-DC 6408-P68

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

LETTER TRANSMITTING DATA

REFERENCE NO.
PH-91-66 (Cont.)

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

☐ ORDINARY MAIL ☐ AIR MAIL
☒ REGISTERED MAIL ☐ EXPRESS
☐ GBL (Give number) _____

TO:

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

C 141

DATE FORWARDED
26 January 1966

NUMBER OF PACKAGES
4

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

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

PH-6501 (2151U) 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	64M4434 THRU 4441
	9592 and 9593	64M4471
		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

568

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-12826 thru 12832

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
634	7-8-68	Tamara Pavan	Full ~~Part~~ ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No. #3
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P69