

13020

13020

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. CM-7212 Map No. T-13020

Classification No. Edition No. 1

Field Edited

LOCALITY

State South Carolina

General Locality Wando River

Locality Cainhoy (Wando P.O.)

19 72 TO 1973

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY # <u>T-13020</u>	
DESCRIPTIVE REPORT - DATA RECORD T-13020				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. ()	
				<input type="checkbox"/> RESURVEY		MAP CLASS	
				<input type="checkbox"/> REVISED		JOB # <u>CM-7212</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Division				TYPE OF SURVEY		JOB PH- _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation - Nov., 1972 Compilation - Jan., 1973 Amendment I - Mar., 1973				Amendment I - Aug., 1972 (Cancelling PH-6622 and transferring to Job CM-7212) OPR-436-HFP-742-73, June 12, 1973			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION				4. GRID(S)			
Polyconic				STATE South Carolina		ZONE South	
5. SCALE 1:10,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				D. Norman		Dec., 1972	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Phillips		Jan., 1973	
METHOD: <u>Coradomat</u> CHECKED BY				D. Phillips		Jan., 1973	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				R.R. White		May, 1973	
COMPILATION CHECKED BY				L.O. Neterer, Jr.		May, 1973	
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY				NA			
SCALE: <u>1:15,000</u> CHECKED BY				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				Charles Parker		May, 1973	
CHECKED BY				Susan Kumer		June, 1973	
METHOD: CONTOURS BY				NA			
CHECKED BY				NA			
SCALE: <u>1:10,000</u> HYDRO SUPPORT DATA BY				Charles Parker		May, 1973	
CHECKED BY				Susan Kumer		June, 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				Susan Kumer		June, 1973	
6. APPLICATION OF FIELD EDIT DATA BY				R.R. White		Jan., 1974	
CHECKED BY				A.L. Shands		Jan., 1974	
7. COMPILATION SECTION REVIEW BY				A.L. Shands		Jan., 1974	
8. FINAL REVIEW BY				Bernard Kurs		June, 1974	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				F. WRIGHT		Aug 1975	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. CATDR		APR 1975	

COMPILATION SOURCES
T-13020

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"E" and RC-9 "M"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE 5th	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72E(C)-6785 - 6787	10/21/73	09:54	1:30,000	4.2' above MLW	
72E(C)-6773 - 6774	10/21/73	09:45	1:30,000	4.4' above MLW	

REMARKS

None

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photographs.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

No low water photography was available, therefore, no low water line was shown.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED
H-9408	1973				

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	T-13021	T-13023	T-13019

REMARKS

HISTORY OF FIELD OPERATIONS

1-13020

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	Sept., 72
2. HORIZONTAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	NA
	ESTABLISHED BY	NA
	PRE-MARKED OR IDENTIFIED BY	NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (<i>Triangulation Stations</i>) BY	None
	LOCATED (<i>Field Methods</i>) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	P.B. Walbolt (See Summary) May 25, 1966
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (*Clarification of details*)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE

6. BOUNDARY AND LIMITS: REPORT NONE

7. SUPPLEMENTAL MAPS AND PLANS

8. OTHER FIELD RECORDS (*Sketch books, etc. DO NOT list data submitted to the Geodesy Division*)

T-13020

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	James W. Davis	Nov 73
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	James W. Davis	Nov 73
	James W. Davis	Nov 73
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N/A	
	N/A	
	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	James W. Davis	Nov 73
	James W. Davis	Nov 73
	James W. Davis	Nov 73
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	James W. Davis	Nov 73
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)
21 Oct 72E6785, 6786, 6788,
72E6774, 6773

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED
Located via theodolite-see form 76-40

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: REPORT NONE

6. BOUNDARY AND LIMITS: REPORT NONE

7. SUPPLEMENTAL MAPS AND PLANS
None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
None

RECORD OF SURVEY USE
1-13020

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	May, 1973	Class III Manuscript <i>Superseded</i>	July 19, 73	July 19, 73
Field edit applied Compilation complete	Jan., 1974	Class I Manuscript <i>Superseded</i>	Feb., 6, 73	
Final Review	June, 1974			

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Feb 9 '74	

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____

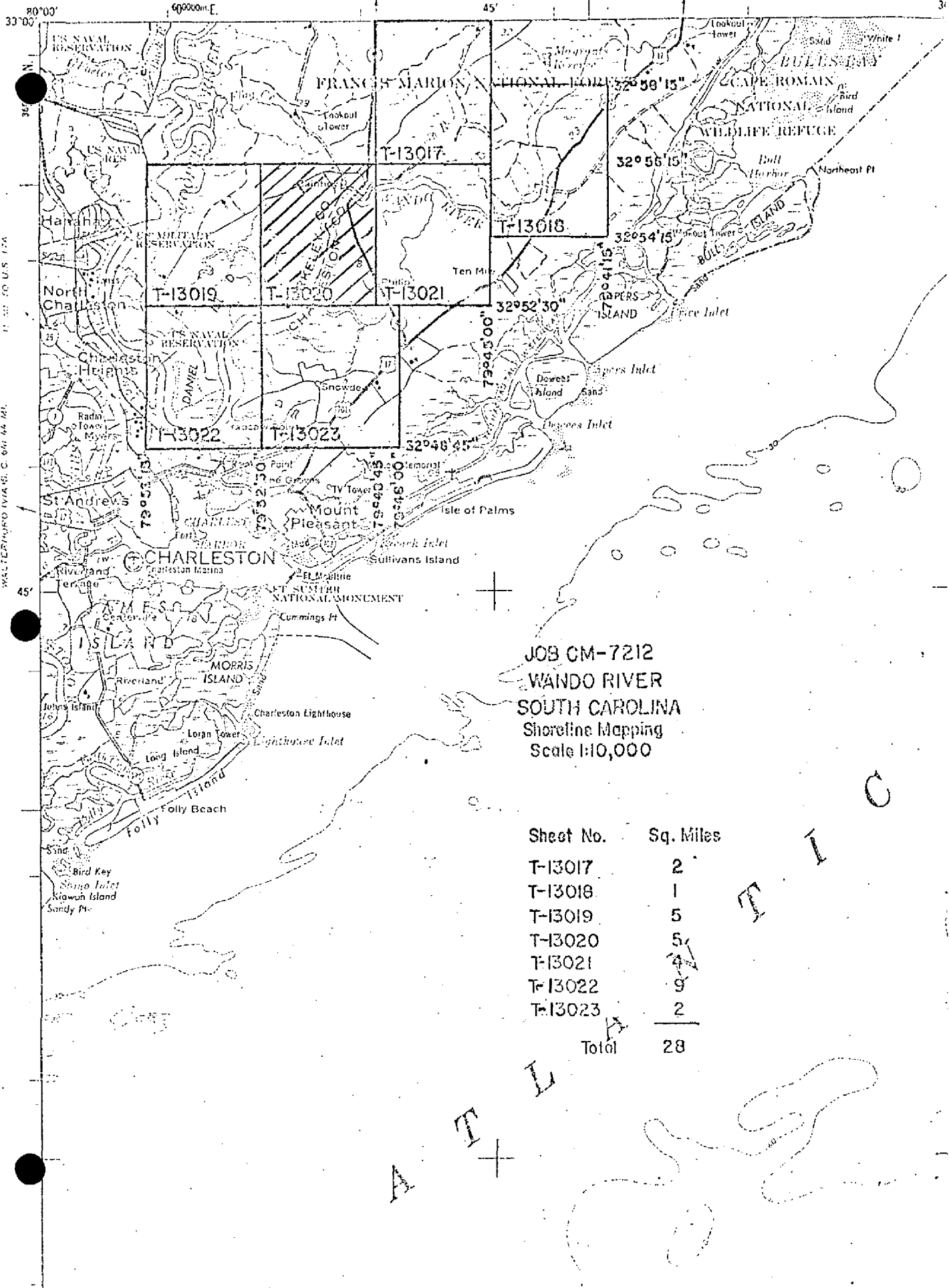
3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:
4. DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



JOB CM-7212
 WANDO RIVER
 SOUTH CAROLINA
 Shoreline Mapping
 Scale 1:10,000

Sheet No.	Sq. Miles
T-13017	2
T-13018	1
T-13019	5
T-13020	5
T-13021	4
T-13022	9
T-13023	2
Total	28

A T L C

WATERWAY DATA: C. 6/1/64 M.

U.S. 174

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-13020

This shoreline manuscript is one of seven (7) 1:10,000 scale maps. The purpose of the project was to provide contemporary shoreline for nautical chart construction. Copies of this map were also used to provide photogrammetric hydro-support data for the hydrographic surveys to be conducted in the same area.

Field work, prior to compilation consisted of the recovery and identification of horizontal control.

Compilation was by Wild B-8 Stereoplotter, using 1:30,000 scale color photography. Cronaflex positives and ozalids of the manuscript were forwarded for the use of the field editor and the preparation of the hydrographer's boat sheets. Accompanying these were specially prepared ratio photographs to aid in the location of hydrographic signals.

Field edit was accomplished during **November, 1973**

Final review was accomplished at the Atlantic Marine Center **June, 1974.**

A cronaflex positive and negative of the reviewed manuscript are being forwarded for record and registry.

A complete geographic names investigation was accomplished under PH-6622 before job was cancelled. Data is in Office of Geographer.

FIELD INSPECTION.

T-13020

There was no field inspection prior to compilation.

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PHOTOGRAMMETRIC PLOT REPORT
Wando River, South Carolina
CM - 7212
December 1972

21. AREA COVERED.

This report pertains to seven sheets on Wando River near Charleston, South Carolina. The sheets are T-13017 through T-13023. All sheets are 1:10,000 scale.

22. METHOD.

One strip (72M1304 through 1311) of 1:60,000 scale panchromatic photography was bridged by analytic aerotriangulation methods. This strip was adjusted to South Carolina state plane coordinates south zone, using four premarked control stations.

Points were established on three strips of 1:30,000 scale color photography for setting models for compilation. Points were also established for determining ratios of the color photography.

These points were plotted by the Coradomat.

23. ADEQUACY OF CONTROL.

The control was adequate.

24. SUPPLEMENTAL DATA.

U.S.G.S. topographic quadrangles were used to meet vertical control requirements.

24. PHOTOGRAPHY.

The photography was adequate, however the 1:60,000 scale panchromatic photography had poor image definition.

Respectfully submitted,

Don O. Norman

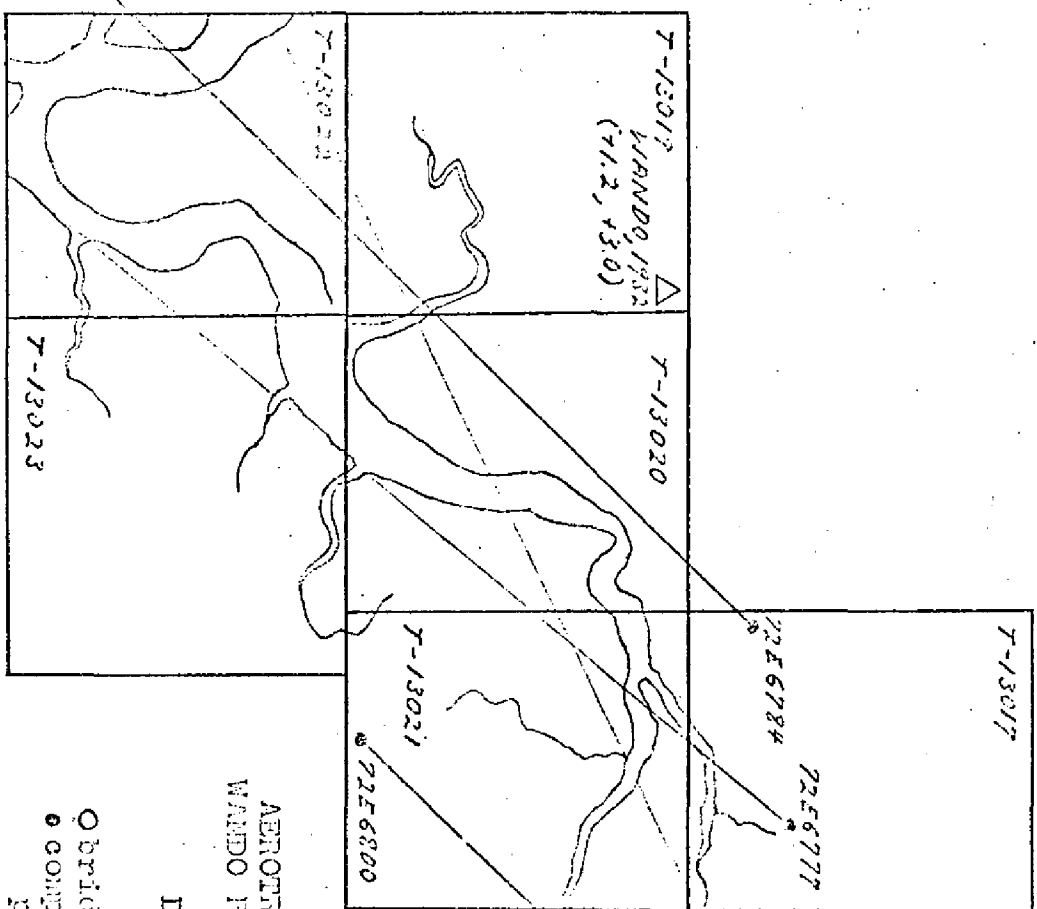
Don O. Norman

Approved and forwarded

John D. Perrow, Jr.
John D. Perrow, Jr.

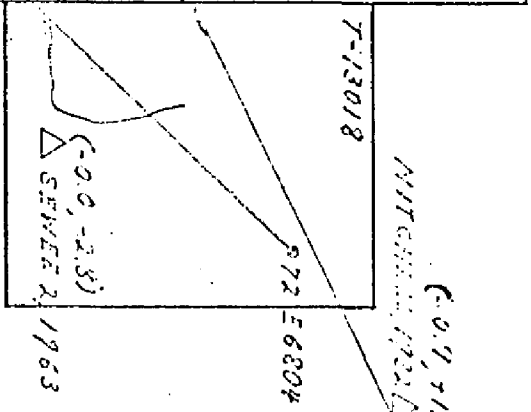
Chief, Aerotriangulation Section

PORT TERMINAL
TRAIL, 1919
(-0.2, -1.5)



72E6768

72E6791



(-0.9, 71.2)
MITCHELL ROAD
72M1304

AEROTRIANGULATION SKETCH
WABDO RIVER SOUTH CAROLINA
OM-72412
December, 1972

○ bridging photography
● compilation and ratio
photography

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 13020 PROJECT NO. CM-7212 SCALE OF MAP 1:10,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE		DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 FT. = 304.8006 meter)	N.A. 1927 - DATUM
			O	U		
MIKE, 1928	G-1612	NA	32	52	50.683	1561.3 (287.0)
	pg. 27	1927	79	51	25.876	672.6 (887.0)
SAL, 1928	G-1612	NA	32	53	08.399	258.7 (1589.6)
	pg. 27	1927	79	51	17.313	450.0 (1109.6)
BECK, 1928	G-1612	NA	32	53	06.692	206.1 (1642.2)
	pg. 27	1927	79	50	35.893	933.0 (626.6)
ISLE, 1928	G-1612	NA	32	54	17.511	539.4 (1308.9)
	pg. 27	1927	79	50	40.279	1046.8 (512.4)
MART, 1928	G-1612	NA	32	54	37.012	1140.2 (708.1)
	pg. 27	1927	79	50	08.623	224.1 (1335.0)
CREEK, 1928	G-1612	NA	32	55	19.314	595.0 (1253.3)
	pg. 27	1927	79	50	15.296	397.4 (1161.5)
HOY, 1928	G-1612	NA	32	55	43.368	1336.0 (512.3)
	pg. 28	1927	79	49	40.657	1056.3 (502.5)
CAMP, 1928	G-1612	NA	32	55	25.968	799.9 (1048.4)
	pg. 28	1927	79	49	14.830	385.3 (1173.6)
BOG, 1928	G-1612	NA	32	54	57.467	1770.3 (78.0)
	pg. 28	1927	79	49	13.520	351.3 (1207.7)
ROAD, 1928	G-1612	NA	32	55	26.001	801.0 (1047.3)
	pg. 27	1927	79	49	46.031	1196.0 (362.9)
TREE, 1928	G-1612	NA	32	55	32.362	996.9 (851.4)
	pg. 28	1927	78	48	48.799	1267.8 (291.1)

COMPUTED BY

A.C. Rauck, Jr.

DATE

1/22/73

CHECKED BY

F.P. Margiotta

DATE

1/23/73

COMPILATION REPORT

T-13020

31. DELINEATION

Delineation was by the Wild B-8 Stereoplotter, using the 1:30,000 scale color photography.

32. CONTROL

See Photogrammetric Plot Report, dated: December, 1972.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

Offshore details were delineated from office interpretation of the 1:30,000 scale color photography.

37. LANDMARKS AND AIDS

~~Appropriate copies of forms 76-40 have been forwarded to the Rockville, MD office on February 9, 1974~~

No Landmarks or Aids Located during compilation.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See form 76-36b, item #5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey quadrangle:

Cainhoy, South Carolina, dated 1958, scale 1:24,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey charts: Chart #681, 4th edition, dated Feb. 24, 1969, scale 1:20,000 and Chart #470, Mar. 4, 1972, scale 1:20,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:


Charles Parker, Carto. Aid, 5/29/73

Approved for forwarding:


Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO COMPILATION REPORT

T-13020

FIELD EDIT

Field edit was good, however, the field editor did not show the shore end of the overhead cable in the vicinity of Gainhoy.

It is assumed that the answer to the question referred to the hydrographer concerning a charted obstruction at the southern end of Wando River is on the boat sheet.

8 May 1974

GEOGRAPHIC NAMES

FINAL NAME SHEET

~~PH-6622~~ (Wando River, S. C.)
Cm-7212

T-13020

Anneville

Nowell Creek

Cainhoy

O'Hare Point

Dutchman Island

Parker Island

Hopewell Creek

Philip

Horlbeck Creek

Point Hope Island

Johnfield Creek

Wagner Creek

Juba Island

Wando

Martins Point Landing

Wando Bridge

Mill Creek

Wando River

Approved by:

Chas. E. Harrington
Chas. E. Harrington
Staff Geographer

NOAA FORM 75-74 (2-74)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
T-13020			
1. PROJECTION AND GRIDS SSK	2. TITLE SSK	3. MANUSCRIPT NUMBERS NA	4. MANUSCRIPT SIZE SSK
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY SSK	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	7. PHOTO HYDRO STATIONS NA	
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES NA	10. PHOTOGRAMMETRIC PLOT REPORT SSK	11. DETAIL POINTS SSK
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE SSK	13. LOW-WATER LINE NA	14. ROCKS, SHOALS, ETC. NA	15. BRIDGES SSK
16. AIDS TO NAVIGATION SSK	17. LANDMARKS NA	18. OTHER ALONGSHORE PHYSICAL FEATURES SSK	19. OTHER ALONGSHORE CULTURAL FEATURES SSK
PHYSICAL FEATURES			
20. WATER FEATURES SSK	21. NATURAL GROUND COVER NA		22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES SSK
CULTURAL FEATURES			
27. ROADS SSK	28. BUILDINGS SSK	29. RAILROADS SSK	30. OTHER CULTURAL FEATURES SSK
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES SSK		34. JUNCTIONS SSK	35. LEGIBILITY OF THE MANUSCRIPT SSK
36. DISCREPANCY OVERLAY SSK	37. DESCRIPTIVE REPORT SSK	38. FIELD INSPECTION PHOTOGRAPHS SSK	39. FORMS SSK
40. REVIEWER Susan S. Kumer June, 1973		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER R.R. White <i>R.R. White</i> Jan., 1974		SUPERVISOR <i>Albert C. Rauck, Jr.</i>	
Reviewed by: A.L. Shands Jan. 28/74 Albert C. Rauck, Jr.			
43. REMARKS Field edit was applied from field edit ozalid T-13020 field photographs 72E(C)6773, 6774, 72E(C)6785, 6786, 6788 and film ozalid containing signal locations.			

FIELD EDIT REPORT

Sheet T-13020

Cainhoy (Wando, P.O.)

CM 7212

November, 1973

51. METHODS

All field edit work was done under the instructions of Photo-Hydro support and field edit, OPR-436-HFP-742-73, Wando River South Carolina.

A visual inspection and verification was made of all shoreline and alongshore features. Details are indexed on the field edit ozalid in violet to indicate additions or corrections and in green to indicate deletions.

52. ADEQUACY OF COMPILATION

Compilation was adequate in shoreline delineation as checked by occasional distances to the apparent shoreline or high water line, whichever applicable. Delineation of marsh areas was not always correct. The marsh areas of this sheet were rather "wet" instead of "dried up", as was the opinion of the compiler. Different color tones on the photography represented different types of marsh grass. The inshore marsh limits are delineated in violet on the field edit photographs.

54. RECOMMENDATIONS

None.

56. GEOGRAPHIC NAMES

No discrepancies in geographic names were found while editing this sheet.

57. LANDMARKS AND AIDS TO NAVIGATION

Six (6) nonfloating aids to navigation are recommended for charting. They all consist of Wando River range daybeacons, and were located by third order methods. See form 76-40 for the correct positions.

No landmarks are recommended for charting on this sheet.

58. MISCELLANEOUS

All times mentioned on the field edit ozalid and photos refer to Greenwich Mean Time.

Respectfully Submitted,

James W. Davis
James W. Davis Chief, Photo Party 61

NOAA FORM 76-40
(2-71)
PRESCRIBED BY
PHOTOGRAMMETRY INSTRUCTION NO. 64.

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NONFLOATING AIDS FOR CHARTS

ORIGINATING ACTIVITY
 FIELD INSPECTION
 FIELD EDIT
 COMPILATION
 FINAL REVIEW
 QUALITY CONTROL AND REVIEW
 (See reverse for responsible personnel)

TO BE CHARTED
 TO BE DELETED
 The following objects have (have not) been inspected from seaward to determine their value as landmarks:

CHARTING NAME	DESCRIPTION	DATUM N. A. 1927				METHOD AND DATE OF LOCATION (See instructions on reverse of this form)			CHARTS AFFECTED
		POSITION		LONGITUDE DP-METERS	FIELD INSPECTION	COMPILATION	FIELD EDIT		
		LATITUDE D.M-METERS	LONGITUDE ° / ' "						
JOB NUMBER 76-7212 STATE: South Carolina	SURVEY NUMBER T-13020 TP-	DATE 24 Jan., 1973							
Day Beacon	Wando River, Range C Front Daybeacon	32 53	6.08 188	79 50	40.38 1050	72E(C) 6773 10/21/73	F.2.a. 8-31-73	470 1239	
Day Beacon	Wando River, Range C Rear Daybeacon	32 53	1.11 34	79 50	40.25 1046	72E(C) 6773 10/21/73	F.2.a. 8-31-73	470 1239	
Day Beacon	Wando River, Range D Front Daybeacon	32 54	4.18 129	79 50	27.14 705	72E(C) 6773 10/21/73	F.2.a. 8-29-73	681 1239	
Day Beacon	Wando River, Range D Rear Daybeacon	32 53	59.24 1828	79 50	25.33 658	72E(C) 6773 10/21/73	F.2.a. 8-29-73	681 1239	
Day Beacon	Wando River, Range E Front Daybeacon	32 54	30.14 930	79 50	38.93 1012	72E(C) 6774 10/21/73	F.2.a. 8-29-73	681 1239	
Day Beacon	Wando River, Range E Rear Daybeacon	32 54	26.02 803	79 50	41.18 1070	72E(C) 6774	F.2.a. 8-29-73	681 1239	

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REVIEW REPORT T-13020

SHORELINE

JUNE, 1974

61. GENERAL STATEMENT:

See Summary which is page six (6) of the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with Surveys T-5170, T-5171 and T-5174. These surveys list no date but the photography is November, 1933 and the scale is 1:10,000. There is general agreement with no significant differences.

Survey T-13020 supersedes the aforementioned registered surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle Cainhoy, SC at 1:24,000 scale dated 1958. They are in general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with Boat Sheet H-9408 dated 1973 at 1:10,000 scale. There are a few additional items on the boat sheet that were overlooked by the field editor. These were not visible on the photos. They are shown in purple on the comparison print. Otherwise the agreement is very good.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 470 dated March 16, 1974, at 1:20,000 scale. There are some discrepancies in the shoreline. These are shown on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with project instructions and meets the National Standards of Map Accuracy.

Reviewed by:

Bernard Kurs

Bernard Kurs
Cartographer

Approved for forwarding:

Victor E. Serena

Victor E. Serena
Chief, Photogrammetric Branch, AMC

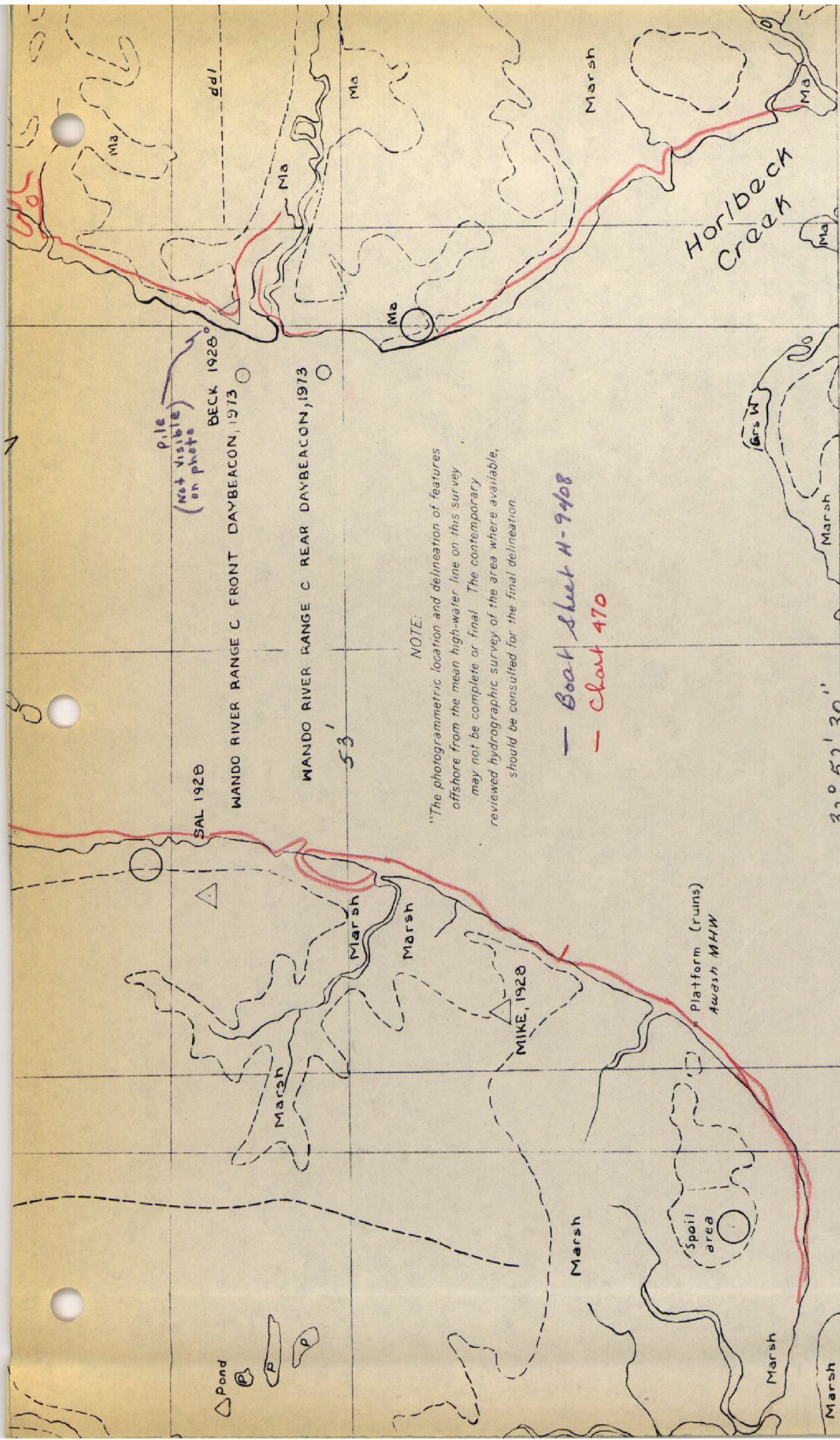
Approved:

D. K. [Signature]

Chief, Photogrammetric Branch

[Signature]

Chief, Coastal Mapping Division



*pile
(not visible
on photo)*

BECK 1928

WANDO RIVER RANGE C FRONT DAYBEACON, 1973

WANDO RIVER RANGE C REAR DAYBEACON, 1973

53'

NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

*— Boat sheet H-9408
— Chart 470*

X-2,350,000 FT.

79°51'30"

32°52'30"

51'

X-2,350,000 FT.

50'30"

NOTE: Unlabeled circles are photogrammetric plot points; not map features

OPERATION RECORD

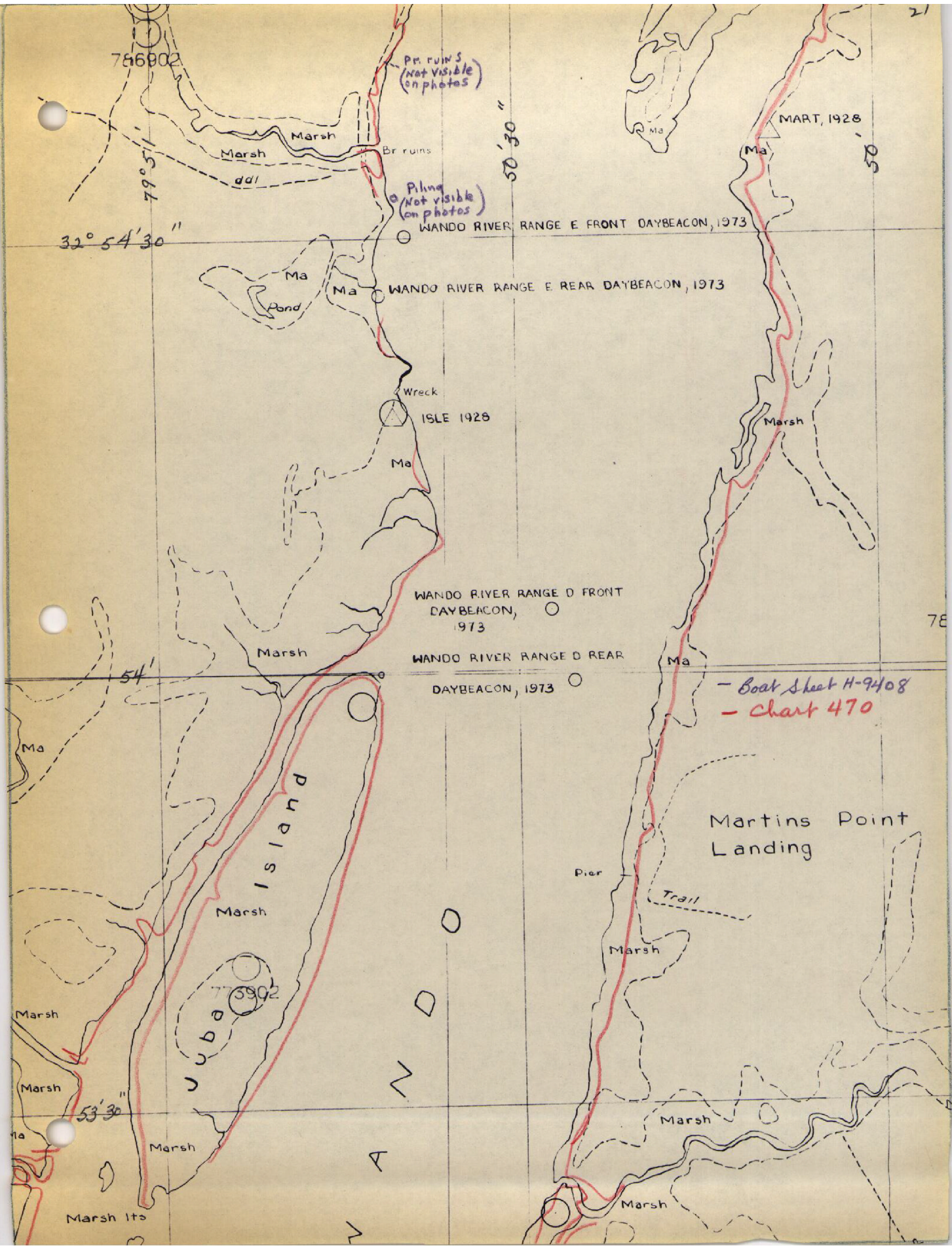
COMPLETION DATE

REMARKS

Completion complete

Field edit applied

Superseded



786802

Pr. ruins
(not visible
on photos)

MART, 1928

79° 51'

50' 30"

50'

32° 54' 30"

WANDO RIVER RANGE E FRONT DAYBEACON, 1973

WANDO RIVER RANGE E REAR DAYBEACON, 1973

ISLE 1928

WANDO RIVER RANGE D FRONT
DAYBEACON,
1973

WANDO RIVER RANGE D REAR
DAYBEACON, 1973

- Boat Sheet H-9408
- Chart 470

Martins Point
Landing

Juba
Island

773902

53' 30"

Marsh Its

32° 56'

79° 50' 30"

Wando
72 E(C) 6785
Cainhoy

55' 30"

Anneville
55'

- Boat sheet 19408
- Chart 470

Change in shoreline

Additional Dols (Not visible on photo)
Change

