

13022

13022

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-13022

Classification No. Edition No. 1

Field Edited

LOCALITY

State South Carolina

General Locality ... Wando River

Locality Daniel Island

1972 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 TP. <u>13022</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. ()	
				<input type="checkbox"/> RESURVEY		MAP CLASS	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, VA				<input type="checkbox"/> REVISED		JOB <u>CM-7212</u>	
				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Alfred C. Holmes, Director				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
I. INSTRUCTIONS DATED				<input type="checkbox"/> REVISED		19__ TO 19__	
I. OFFICE				2. FIELD			
Aerotriangulation Compilation Amendment I				Nov., 1972 Jan., 1973 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 METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY				D. Norman		Dec. 1972	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY				D. Phillips		Jan. 1973	
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY INSTRUMENT: <u>Wild B-8</u> CHECKED BY SCALE: <u>1:15,000</u> CONTOURS BY				R.R. White		May 1973	
				L.O. Neterer		May 1973	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: CHECKED BY SCALE: <u>1:10,000</u> CONTOURS BY				W.C. Gilbert		May 1973	
				S.S. Kumer		May 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				W.C. Gilbert		May 1973	
				S.S. Kumer		May 1973	
6. APPLICATION OF FIELD EDIT DATA BY				S.S. Kumer		May 1973	
				R.R. White		Jan 1974	
7. COMPILATION SECTION REVIEW BY				A.L. Shands		Feb. 1974	
				A.L. Shands		Feb. 1974	
8. FINAL REVIEW BY				Bernard Kurs, AMC		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. CATRK		AUG 1975	

T-13022
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" and RC-9 "M"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED		ZONE 5th	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72E(C)-6789 - 6791	10/21/72	09:54	1:30,000	4.2' above MLW	
72E(C)-6769 - 6770	10/21/72	09:45	1:30,000	4.4' above MLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

No mean high water line was compiled from the above listed photographs.

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

No mean low water photography was flown, no mean low water line was delineated.

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-9409	1973				

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
T-13019	T-13023	No Survey	No Survey

REMARKS

T-13022
HISTORY OF FIELD OPERATIONS

1. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	Sept. 1972
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	P.B. Walbolt (See Summary)
	<input checked="" type="checkbox"/> COMPLETE	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: None

2. VERTICAL CONTROL IDENTIFIED: 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-13022
HISTORY OF FIELD OPERATIONS

1. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	James W. Davis	Nov., 73
2. HORIZONTAL CONTROL	RECOVERED BY James W. Davis	Nov., 73
	ESTABLISHED BY James W. Davis	Nov., 73
	PRE-MARKED OR IDENTIFIED BY	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY James W. Davis	Nov., 73
	LOCATED (Field Methods) BY James W. Davis	Nov., 73
	IDENTIFIED BY 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 NA	

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. 72E6770, 6771

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Located via theodolite-see form 76-40, Eleven lights as listed below.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
72E6790	Town Creek Chan. Lt. 8	72E6790	Cooper Ri. N. Deg. Rg. Platform Lt.
72E6790	Cooper Riv. Dike Lt. 46A	72E6790	Cooper Ri. Up. Rg. Fr. Lt.
72E6790	Cooper Riv. Dike Lt. 47	72E6790	Cooper Ri. Up. Rg. Re. Lt.
72E6790	Cooper Riv. Low. Rg. Fr. Lt.	72E6790	Cooper Ri. Dike Lt. 49
72E6790	Cooper Riv. Low. Rg. Re. Lt.	72E6790	Cooper Ri. Bkwtr. Deg. Range Lt.
72E6790	Shipyard Creek Chan. Lt. 2		

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

T-13022
RECORD OF SURVEY USE

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>	7/19/73	7/19/73
Field edit applied compilation complete	Jan., 1974	Class I manuscript <i>Superseded</i>	2/6/73	
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
3		Feb 9 '74	

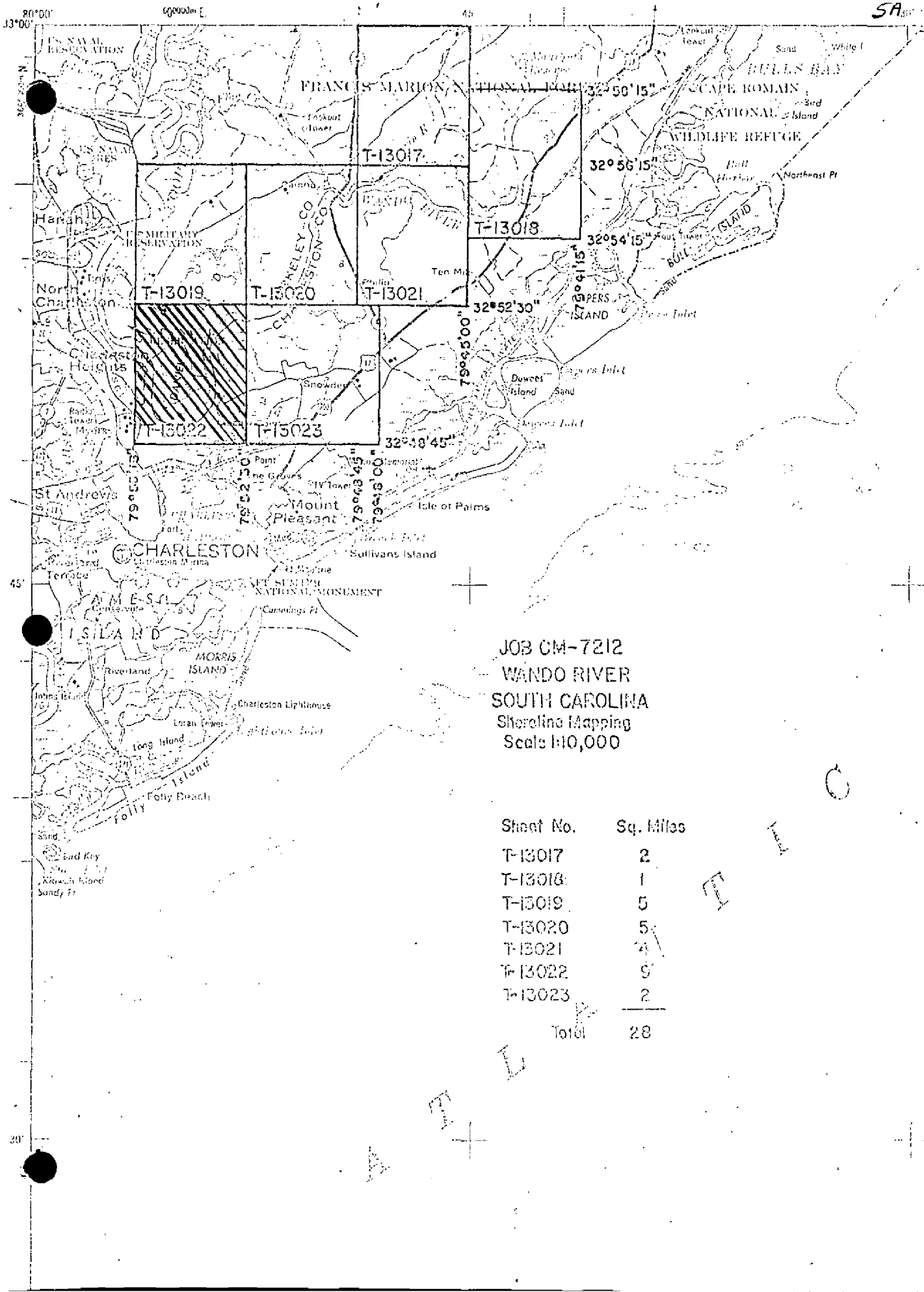
2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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



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

FILE

FILE

A

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-13022

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-13022

There was no field inspection prior to compilation.

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

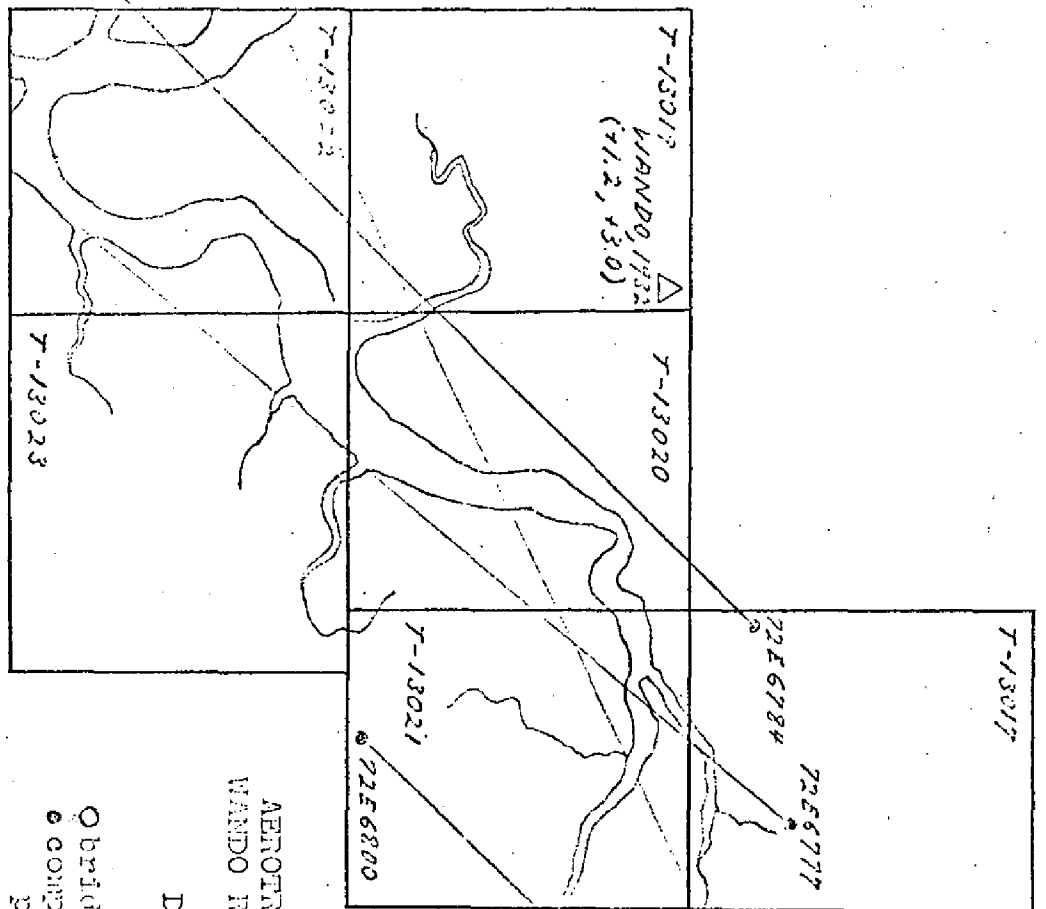
Don O. Norman

Approved and forwarded

John D. Perrow, Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation Section

PORT TERMINAL
TRAIL, 1953
(-0.2, -1.5)



72E6768

(-0.9, 7.12) 72M1304
MILITARY ROAD

AEROPHOTOLANGUATION SKETCH
WANDO RIVER SOUTH CAROLINA
CH-7242
December, 1972
Oblique photography
compilation and radio
photography

DESCRIPTIVE REPORT CONTROL RECORD

MAP T. 13022 PROJECT NO. CM-7212 SCALE OF MAP 1:10,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE O '	LONGITUDE OR X COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter)	
					FORWARD	(BACK)
TURN, 1928	G-1612	NA	32 52 20.454		630.1	(1218.2)
	pg. 26	1927	79 52 54.315		1412.0	(1147.8)
R.P. 2C (USE), 1933	G-1612	NA	32 50 40.936		1261.0	(587.3)
	pg. 26	1927	79 56 10.098		262.6	(1297.7)
R.P. 3C (USE), 1933	G-1612	NA	32 50 21.235		654.1	(1194.2)
	pg. 26	1927	79 56 12.460		324.0	(1236.4)
CHANDLER, 1928	G-1612	NA	32 51 21.874		673.8	(1174.5)
	pg. 26	1927	79 54 08.882		230.9	(1329.2)
MIRE, 1928	G-1612	NA	32 51 18.805		579.3	(1269.0)
	pg. 26	1927	79 53 20.009		520.3	(1039.8)
RATH, 1928	G-1612	NA	32 51 38.896		1198.2	(650.1)
	pg. 26	1927	79 53 10.528		273.7	(1286.3)
PINE, 1928	G-612	NA	32 51 48.756		1501.9	(346.4)
	pg. 26	1927	79 52 45.032		1170.8	(389.2)
COMPUTED BY A.C. Rauck, Jr.	DATE 1/23/73	CHECKED BY F.P. Margiotta	DATE 1/23/73			

COMPILATION REPORT

T-13022

31. DELINEATION

Delineation was by the Wild B-8 Stereoplotter, using the 1:30,000 scale color photography. The photography was of poor quality. There was no field inspection prior to compilation.

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 photographs.

37. LANDMARKS AND AIDS

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

*All Aids visible on photography was mapped.
No landmarks were 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: CHARLESTON, SC, scale 1:24,000, dated 1958.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Chart: 470, 24th edition dated March 3, 1973, scale 1:20,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Albert C. Rauck, Jr. For.
W.C. Gilbert
Cartographic Aid, May 17, 1973

Approved:

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

ADDENDUM TO COMPILATION REPORT

T-13022

FIELD EDIT

Field edit was thorough and complete. All questions asked were answered.

8 May 1974

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

T-13022

- Beresford Creek
- Bermuda Creek
- Cooper River
- Daniel Island
- Drum Island
- Hobcaw Point
- Hobcaw Point (land feature)
- Long Point
- Molasses Creek
- Ralston Creek
- Rathall Creek
- Remley Point
- Shipyard Creek
- Thomas Island
- Town Creek
- Wando River

Approved by:

Chas. E. Harrington

 Chas. E. Harrington
 Staff Geographer

NOAA FORM 75-74 (2-74)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
T-13022					
1. PROJECTION AND GRIDS		2. TITLE		3. MANUSCRIPT NUMBERS	
SSK		SSK		NA	
4. MANUSCRIPT SIZE					
SSK					
CONTROL STATIONS					
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY <i>(Topographic stations)</i>		7. PHOTO HYDRO STATIONS
SSK			NA		NA
8. BENCH MARKS		9. PLOTTING OF SEXTANT FIXES		10. PHOTOGRAMMETRIC PLOT REPORT	
NA		NA		SSK	
11. DETAIL POINTS					
SSK					
ALONGSHORE AREAS (Nautical Chart Date)					
12. SHORELINE		13. LOW-WATER LINE		14. ROCKS, SHOALS, ETC.	
SSK		NA		NA	
15. BRIDGES					
SSK					
16. AIDS TO NAVIGATION		17. LANDMARKS		18. OTHER ALONGSHORE PHYSICAL FEATURES	
SSK		NA		SSK	
19. OTHER ALONGSHORE CULTURAL FEATURES					
SSK					
PHYSICAL FEATURES					
20. WATER FEATURES			21. NATURAL GROUND COVER		22. PLANETABLE CONTOURS
SSK			NA		NA
23. STEREOSCOPIC INSTRUMENT CONTOURS		24. CONTOURS IN GENERAL		25. SPOT ELEVATIONS	
NA		NA		NA	
26. OTHER PHYSICAL FEATURES					
SSK					
CULTURAL FEATURES					
27. ROADS		28. BUILDINGS		29. RAILROADS	
SSK		SSK		NA	
30. OTHER CULTURAL FEATURES					
SSK					
BOUNDARIES					
31. BOUNDARY LINES			32. PUBLIC LAND LINES		
NA			NA		
MISCELLANEOUS					
33. GEOGRAPHIC NAMES			34. JUNCTIONS		35. LEGIBILITY OF THE MANUSCRIPT
SSK			SSK		SSK
36. DISCREPANCY OVERLAY		37. DESCRIPTIVE REPORT		38. FIELD INSPECTION PHOTOGRAPHS	
SSK		SSK		SSK	
39. FORMS					
SSK					
40. REVIEWER			SUPERVISOR, REVIEW SECTION OR UNIT		
Susan S. Kumer			June 8, 1973		
			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			SUPERVISOR		
Richard R. White <i>RRW</i>			Jan., 1974		
			Albert C. Rauck, Jr.		
43. REMARKS					
Field edit applied from field edit ozalid T-13022, field photograph 72E(C)6770 and 6771 and the film ozalid containing signal positions.					

FIELD EDIT REPORT

Sheet T-13022

Daniel Island

Wando River, South Carolina

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

Some confusion arose in the proper location of "Hobcaw Point" by compilation. This confusion is clarified on the field edit ozalid. No other discrepancies in geographic names were encountered while field editing this sheet.

57. LANDMARKS AND NONFLOATING AIDS TO NAVIGATION

Fourteen (14) nonfloating aids to navigation are recommended for charting on this sheet. Three daybeacons, one of which, Daybeacon #45, was not compiled, were located by field methods as mentioned on the field edit ozalid. The remaining eleven aids are lights which were verified as compiled with the exception of "Cooper River North Degaussing Range Platform Light". This light exists east of the designated position as verified by the "1972 Light List" and is compiled as an unknown object. The light believed to be the "North Degaussing

(2)

Range Platform Light" by compilation is called the "Cooper River Breakwater Degaussing Range Light" on the Form 76-40 due to lack of a better name.
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
LTJG. NOAA
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 ~~(been)~~ been inspected from seaward to determine their value as landmarks:

ORIGINATING LOCATION
 Coastal Mapping Division, Norfolk, VA
 DATE
 24 Jan. 1974

CHARTING NAME	DESCRIPTION	DATUM		POSITION		LONGITUDE		FIELD INSPECTION	COMPILATION	METHOD AND DATE OF LOCATION (See instructions on reverse of this form)	CHARTS AFFECTED
		SURVEY NUMBER	N. A.	LATITUDE	LONGITUDE	D.P. METERS					
						°	'				
Light	Town Creek Channel Light 8	T-13022	1927	32 49	79 55	36.79	957		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Dike Light 46A	TP-		32 49	79 55	21.94	1018		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Dike Light 47			32 49	79 55	27.37	1461		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Lower Range Front Light			32 50	79 55	49.08	1038		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Lower Range Rear Light			32 50	79 55	58.69	1005		72E(C) 6790	Verif. 10/2/73	470
Light	Shipyard Creek Channel Light 2			32 49	79 56	49.12	236		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River North Degaussing Range East Platform Light			32 49	79 55	54.82	1098		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River North Degaussing Range West Platform Light			32 49	79 55	57.04	1461		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Upper Range Rear Light			32 50	79 55	54.21	36.26		72E(C) 6790	Verif. 10/2/73	470
Light	Cooper River Upper Range Front Light			32 50	79 55	56.55	43.45		72E(C) 6790	Verif. 10/2/73	470

NOAA FORM 76-40 (2-71)
 U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 PHOTOGRAMMETRY INSTRUCTION NO. 64. **NONFLOATING AIDS FOR CHARTS**

ORIGINATING LOCATION: Coastal Mapping Division, Norfolk, VA
 DATE: 24 Jan, 1974

TO BE CHARTED
 TO BE DELETED

The following objects have ~~(been)~~ been inspected from seaward to determine their value as landmarks:

JOB NUMBER: PH-7212
 SURVEY NUMBER: T-13022
 STATE: South Carolina
 DATUM: N.A., 1927

CHARTING NAME	DESCRIPTION	POSITION				METHOD AND DATE OF LOCATION (See instructions on reverse of this form)		CHARTS AFFECTED	
		LATITUDE		LONGITUDE		FIELD INSPECTION	COMPILATION		
		° /	D.M. METERS	° /	D.P. METERS				
Light	Cooper River Dike Light 49	32 50	41.81 1288	79 55	52.98 1378		72E(C) 6790 10/21/72	Verif. 10/2/73	470
Day Beacon	Wando River Range A Front Daybeacon	32 49	47.69 1469	79 53	41.49 1079		72E(C) 6770 10/21/72	F.2.a. 9/14/73	470
Day Beacon	Wando River Range A Rear Daybeacon	32 49	54.91 1692	79 53	34.40 895		72E(C) 6770 10/21/72	F.2.a. 9/14/73	470
Day Beacon	Cooper River Daybeacon 45	32 48	17.88 551	77 55	12.16 316		72E(C) 6769 10/21/72	F.4.c. 9/14/73	470

REVIEW REPORT T-13022

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-5174, T-5175 and T-5178. These surveys list no date but the photography is 1933 and the scale is 1:10,000. Differences are shown on the comparison print in blue.

Survey T-13022 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 Charleston, SC, dated 1958 at 1:24,000 scale. The Quadrangle agrees, in general, with the prior registered surveys but not with the contemporary one. No differences were drawn on the comparison print since they would coincide, in general, with prior registered surveys.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with H-9409, dated 1973 at 1:10,000 scale. Coverage was available only of the Wando River. There was very good agreement.

65. COMPARISON WITH NAUTICAL CHARTS:

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Project Instructions and 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:

[Signature]
Chief, Photogrammetric Branch, AMC

[Signature]
Chief, Coastal Mapping Division

Addendum to Review Report

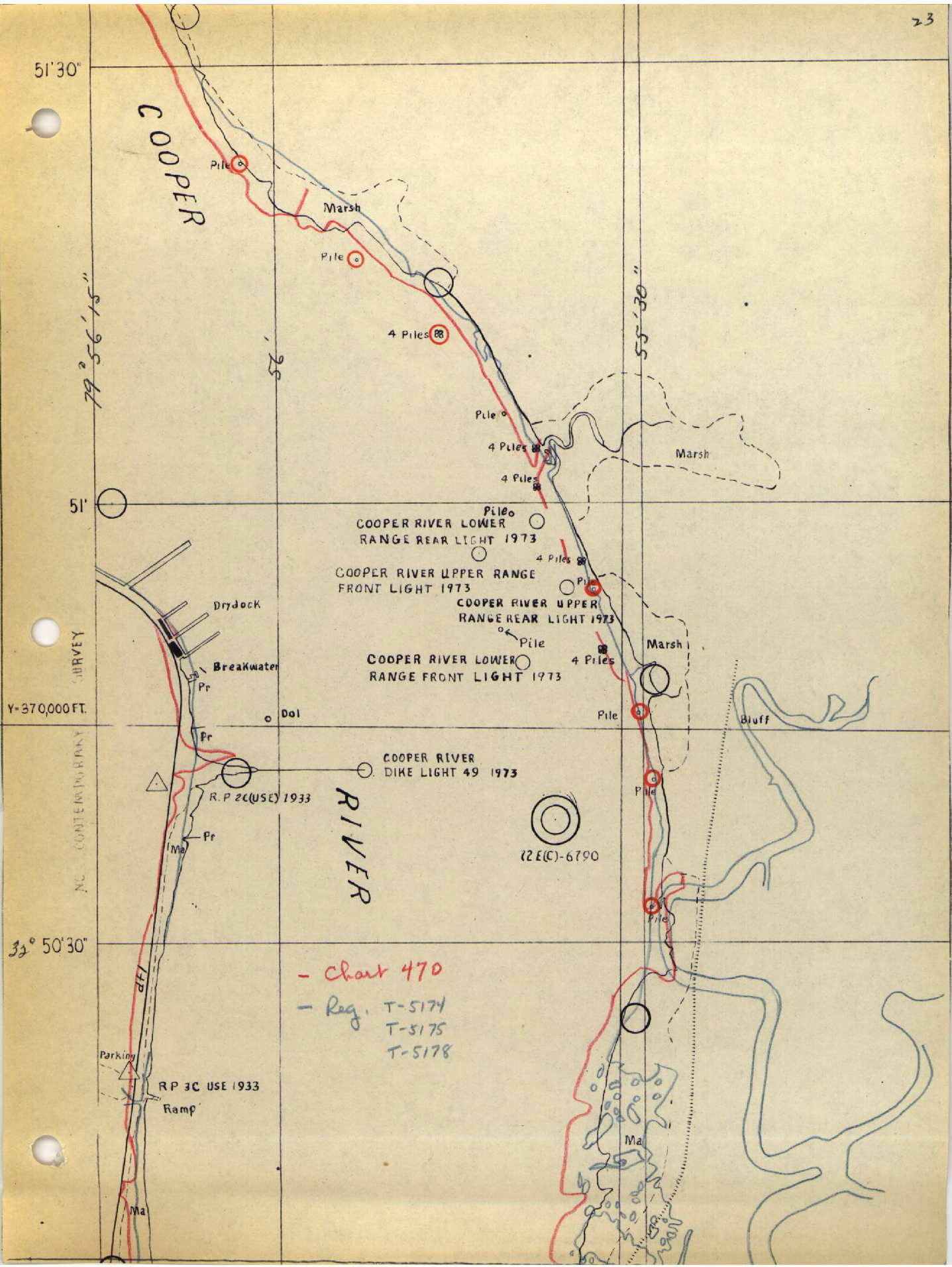
Some piles in the Cooper River were located during compilation and verified during field edit. These were the only ones visible on the photography.

Other piles were located by the field editor and were noted on the field edit ozalid. No records exist as to the method used to locate these piles.

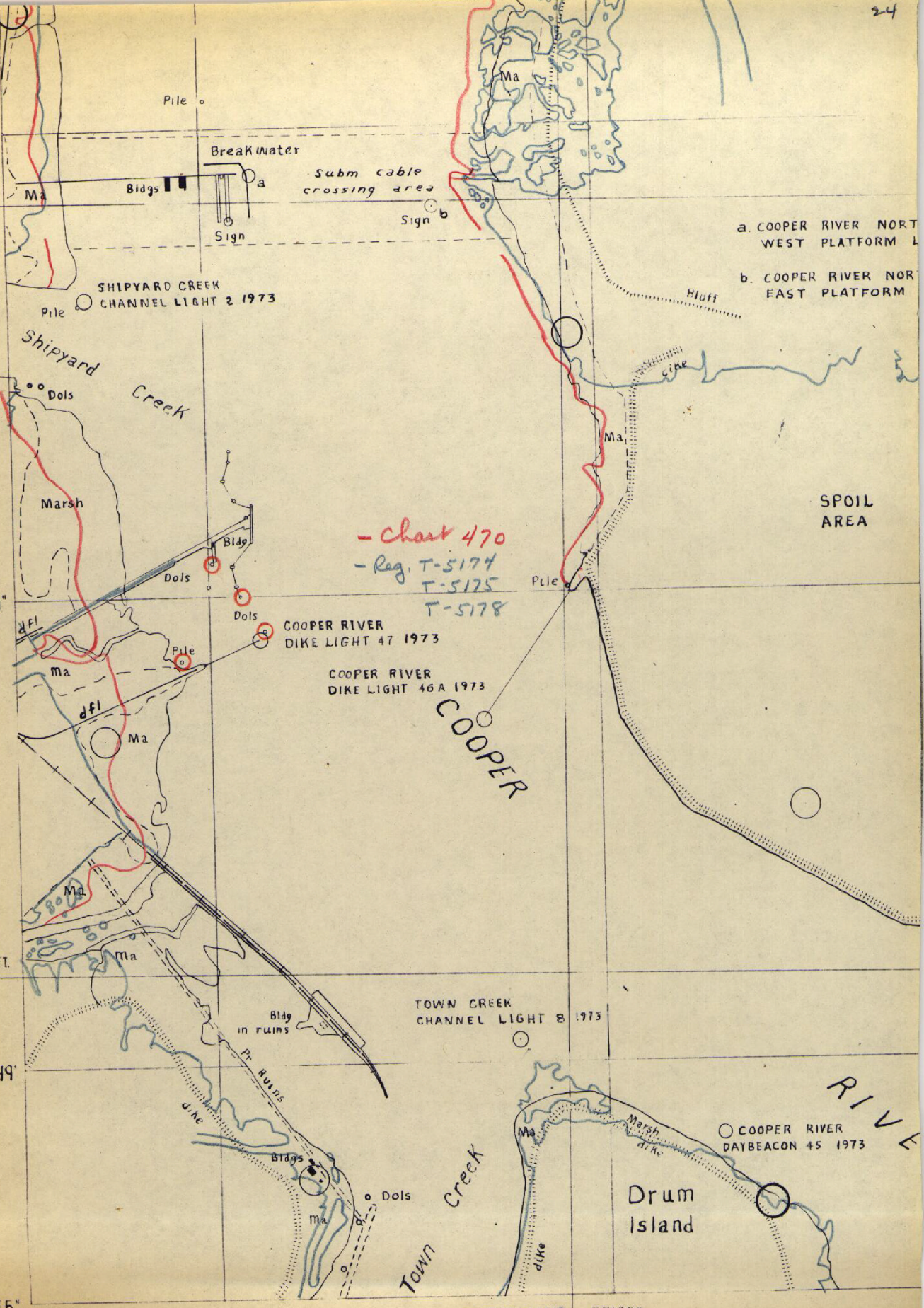
These piles are circled in orange on the discrepancy print, pages 23 and 24.

Frank A. Wright

Frank A. Wright, Carto
Quality Control & Review



Y-365,000 FT.



a. COOPER RIVER NORTH WEST PLATFORM L

b. COOPER RIVER NORTH EAST PLATFORM

SPOIL AREA

- Chart 470
 - Reg. T-5174
 T-5175
 T-5178

COOPER RIVER DIKE LIGHT 47 1973

COOPER RIVER DIKE LIGHT 46A 1973

COOPER RIVER

TOWN CREEK CHANNEL LIGHT 8 1973

COOPER RIVER DAYBEACON 45 1973

Drum Island

RIVER

Y-360,000 FT.

32°48'45"
 79°56'15"

56'

X-2,330,000 FT.

55'30"

25

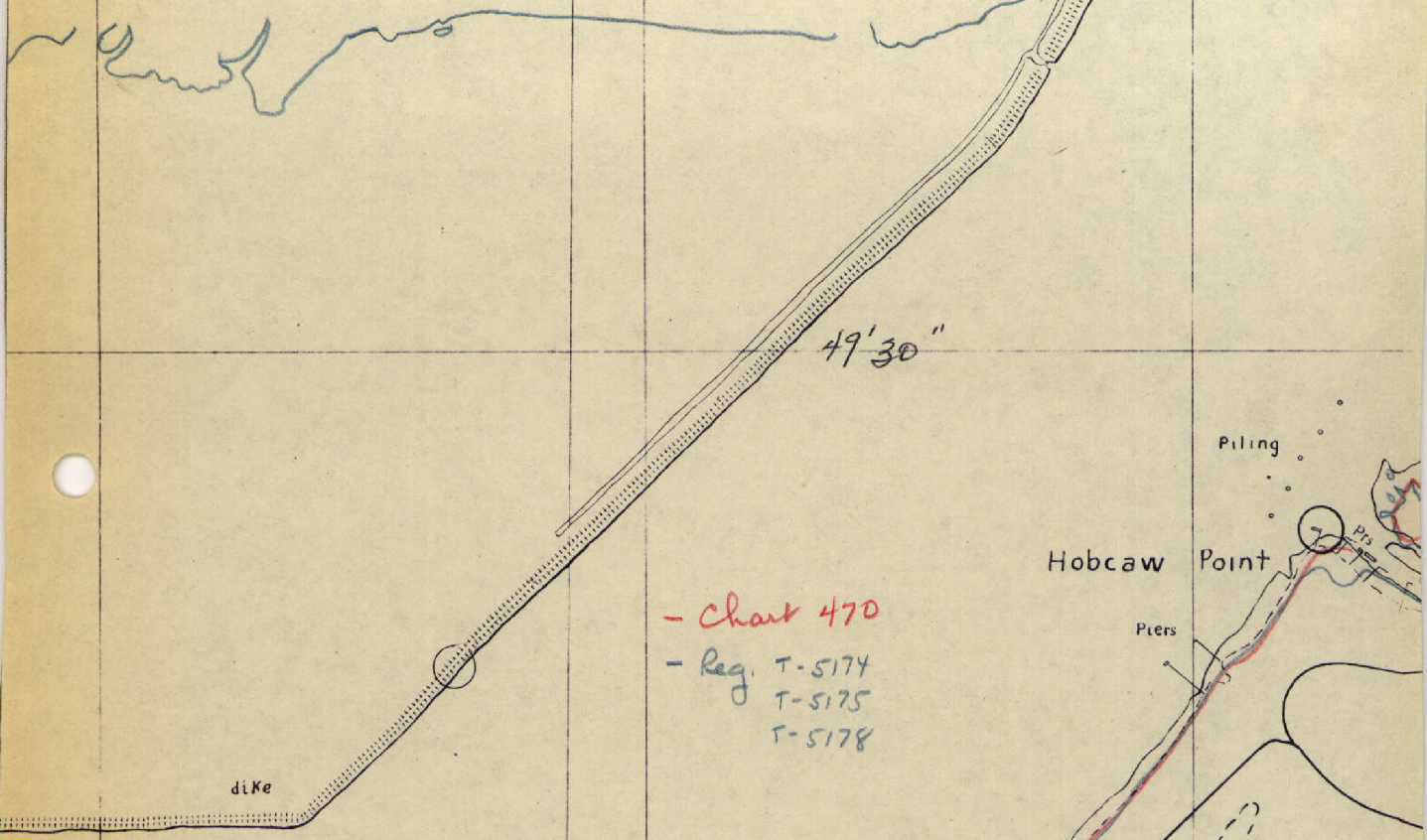
32° 50'

790901

WANDO RIVER RA
FRONT DAY BEACON

WANDO RIVER RA
FRONT DAY BEACON

WANDO RIVER RA
FRONT DAY BEACON



49' 30"

- Chart 470
 - Reg. T-5174
 T-5175
 T-5178

dike

Hobcaw Point

Piers

72(EU) 6769

49'

Marsh

Marsh

Molasses

Remley Point

Boat Ramp

dfl

32° 48' 45"

55'

X-2,335,000 FT.

79° 54' 30"

54'

ISLAND

770902

RIVER

51' 30"

CHANDLER, 1928

Pr ruins

Ma

Ma

Ma

Ma

Marsh

51

Fring of Ma

54' 30"

54'

Reg. T-5174
T-5175
T-5178

Ma

Pier ruins

32° 50' 30"

Ma

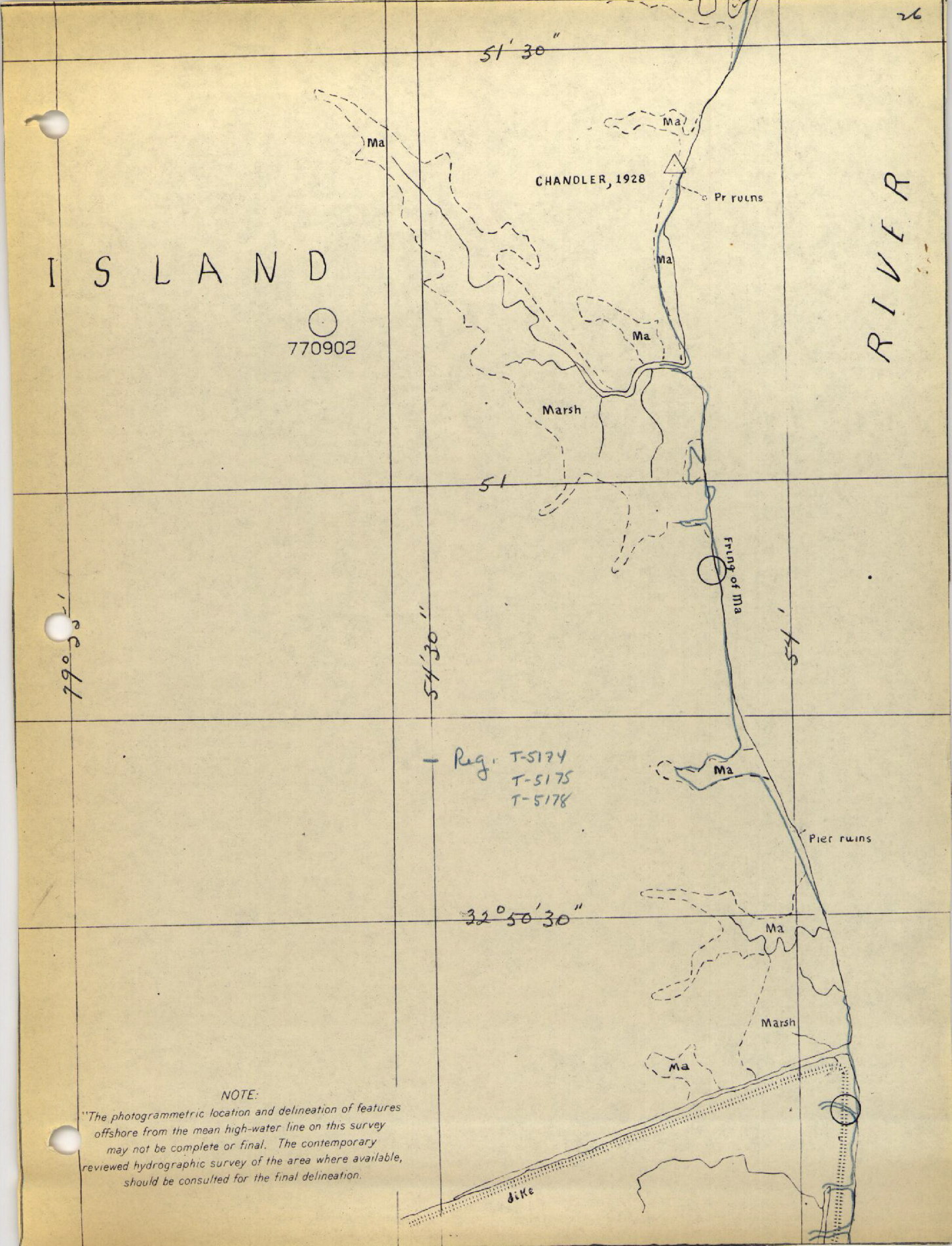
Marsh

Ma

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.

dike



N

RIVER RANGE A
DAYBEACON 1973

RANGE A
1973

T2 ELC-6170
32° 50'

770901

Long Point

Creek

Hobcaw

49' 30"

Marsh

Ma

Marsh

Marsh

Pr

Marsh

Pond

Ma

Ma

dfi

dfi

- Chart 470
- Reg T-5174
T-5175
T-5178

49'

Creek

ΔP

Ma

Ma

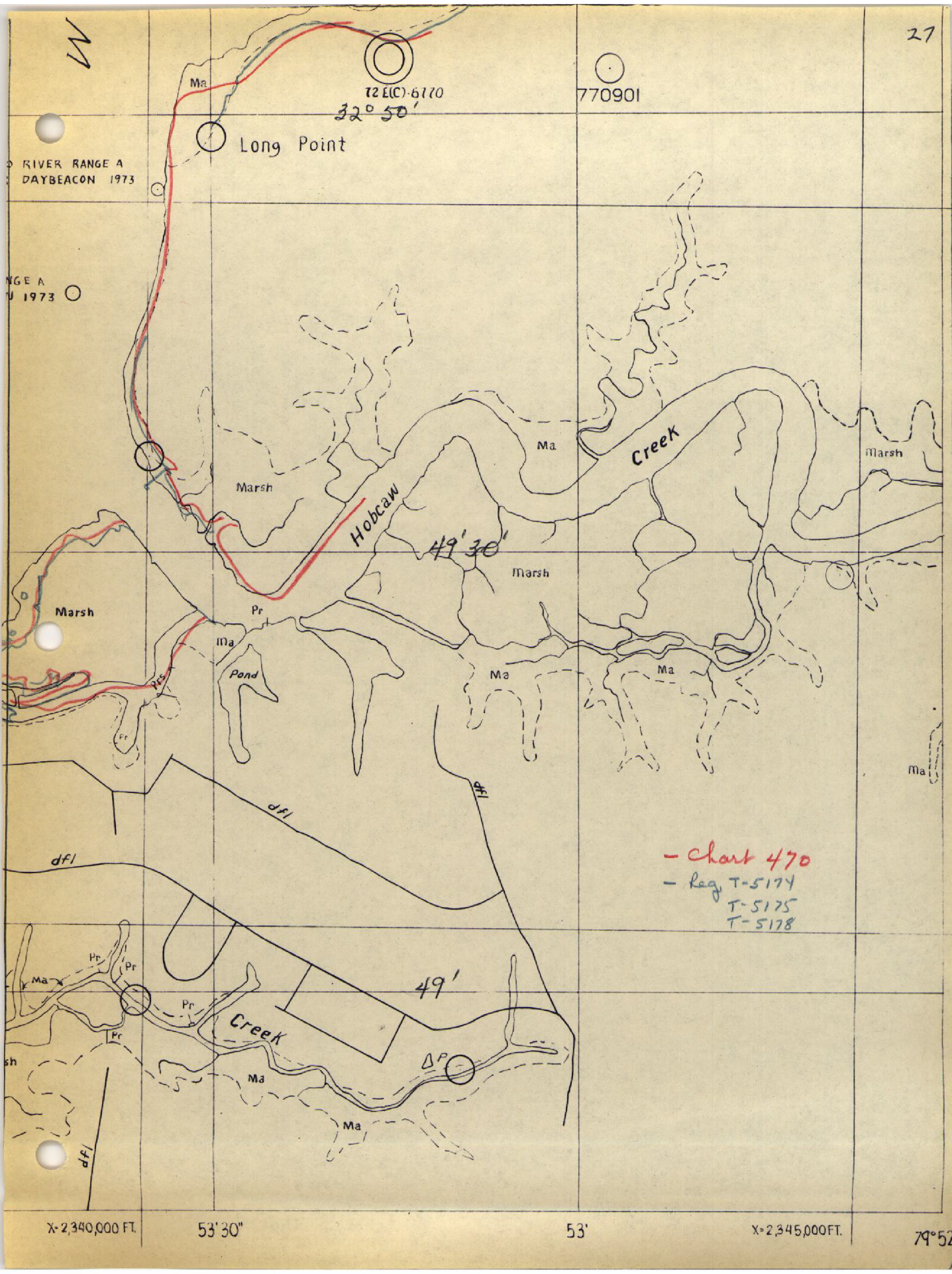
X-2,340,000 FT.

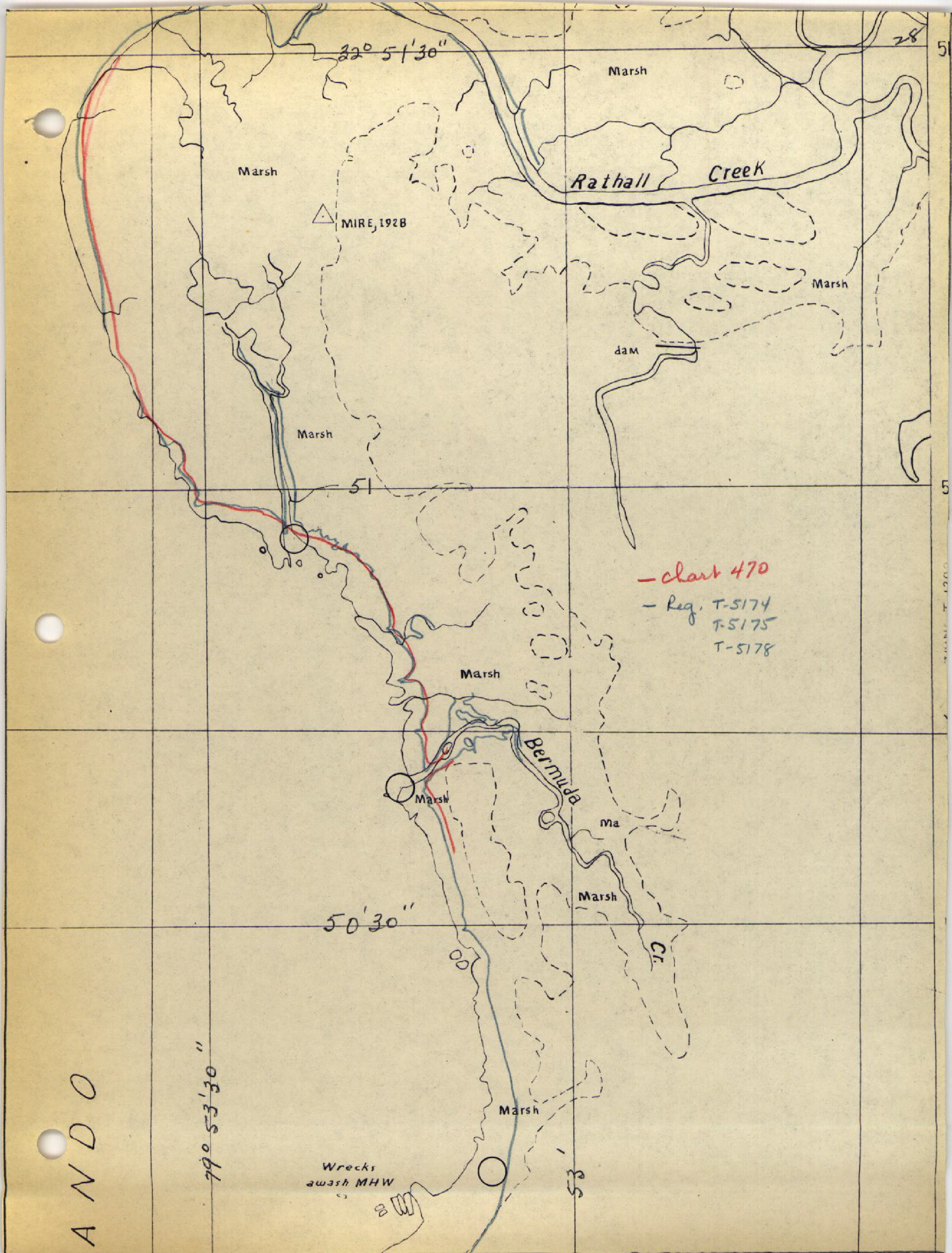
53' 30"

53'

X-2,345,000 FT.

79° 52'





AND O

32° 51' 30"

28

51

Marsh

Marsh

Rathall Creek

MIRE, 1928

Marsh

dam

Marsh

51

51

- chart 470
- Reg. T-5174
T-5175
T-5178

Marsh

Bermuda Cr.

Marsh

ma

Marsh

Cr.

50' 30"

79° 53' 30"

Marsh

Wrecks
awash MHW

es

X=2,340,000 FT. 79° 53' 30"

32° 52' 30

53'

X=2,345,000 FT.

79° 52'

