

TP-00691

TP-00691

NOAA FORM 76-35	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
<i>Type of Survey</i> Shoreline Mapping (Chart Compilation)	
<i>Job No.</i> CM-7506	<i>Map No.</i> TP-00691
<i>Classification No.</i> Final	<i>Edition No.</i> 1st
Field Edited Map	
LOCALITY	
<i>State</i> ... Virginia	
<i>General Locality</i> ... Virginia Beach City	
<i>Locality</i> ... Rudee Inlet	
<hr/> 1975 TO 1977 <hr/>	
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>00691</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final</u>	
PHOTOGRAMMETRIC OFFICE				<input type="checkbox"/> REVISED		JOB <u>NY CM-7506</u>	
Coastal Mapping Division-Rockville, Md.				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE				TYPE OF SURVEY		JOB PH. _____	
Commander James Collins				<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			
Instructions-AEROTRIANGULATION-1/12/76 Instructions-OFFICE-2/12/76				Instructions-FIELD-9/17/75			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH-AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify) National Geodetic Vertical Datum of 1929			
3. MAP PROJECTION				4. GRID(S)			
Lambert Conformal				STATE Virginia		ZONE South	
5. SCALE 1:5,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				I. Raborn		11/18/76	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY				N/A			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				L. Harrod		2/09/76	
METHOD: <u>Coradomat</u> CHECKED BY				N/A			
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				J. Schad		4/02/76	
COMPILATION CHECKED BY				G. Fromm		5/20/76	
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY				N/A			
SCALE: <u>1:7,500 pantographed to 1:5,000</u> CHECKED BY				N/A			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J. Schad		4/05/76	
Graphic CHECKED BY				G. Fromm		5/28/76	
METHOD: <u>Smooth Drafting</u> CONTOURS BY				N/A			
SCALE: <u>1:5,000</u> CHECKED BY				N/A			
HYDRO SUPPORT DATA BY				N/A			
CHECKED BY				N/A			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				G. Fromm		6/09/76	
6. APPLICATION OF FIELD EDIT DATA BY				L. Harrod		6/15/77	
CHECKED BY				G. Fromm		6/16/77	
7. COMPILATION SECTION REVIEW BY				G. Fromm		6/20/77	
8. FINAL REVIEW BY				G. Fromm		6/28/77	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				G. Fromm		7/15/77	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				E.L. Rolle		8/8/77	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. Carter		10/77	

COMPILATION SOURCES

TP-00691

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10(B) 152.74mm focal length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR	ZONE		<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(P) PANCHROMATIC	East		
		(I) INFRARED	MERIDIAN		
			75th		

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
75B(C)6563-6566	10/14/75	1011	1:15,000	Not Applicable
75B(I)6949R-6954R	10/31/75	1430-1435	1:15,000	Refer to the following page for tide information.
75B(I)6994R-6998R	11/02/75	0755-0759	1:15,000	

REMARKS
All the above photography was ratioed to 1:5,000 scale.

2. SOURCE OF MEAN HIGH-WATER LINE:
The MHW line was delineated by graphic compilation from ratioed prints of the black-and-white tide-coordinated infrared photography taken in Oct. 1975 listed under item 1.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:
The MLW line was delineated by graphic compilation from ratioed prints of the black-and-white tide-coordinated infrared photography taken in Nov. 1975 listed under item 1.

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
_____ No	Contemporary	Surveys	_____

REMARKS

NOAA FORM 76-36B(1)
(7-75)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TIDE - COORDINATED PHOTOGRAPHY

TP - 00691

LOCATION AND PHOTOGRAPHY	TIDE STATIONS <i>(In operation at time of photography)</i>	STAGE OF TIDE	MEAN RANGE*
Rudee Inlet, Va. 75B(I)6949-6954R	Virginia Beach Tide Station	in feet -0.15 MHW	in feet 3.4
Rudee Inlet, Va. 75B(I)6994-6998R	Virginia Beach Tide Station	-0.10 MLW	3.4

REMARKS:

* The mean ranges of tide listed above were taken from the 1975 Tide Tables publication.

TP-00691

HISTORY OF FIELD OPERATIONS.

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION. Premarking

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	E. Purse1	9/30/75
	E. Purse1	9/75
2. HORIZONTAL CONTROL		
RECOVERED BY	N/A	
ESTABLISHED BY		
PRE-MARKED OR IDENTIFIED BY	E. Purse1	9/75
3. VERTICAL CONTROL		
RECOVERED BY	N/A	
ESTABLISHED BY	N/A	
PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION		
RECOVERED (Triangulation Stations) BY	N/A	
LOCATED (Field Methods) BY	N/A	
IDENTIFIED BY	N/A	
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
<input type="checkbox"/> COMPLETE		
<input type="checkbox"/> SPECIFIC NAMES ONLY	N/A	
<input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N/A
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
Premarked

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
75B(C) 6564	Decca 1955 RM 2		
75B(C) 6561	Coratan 1934 RM 3		
75B(C) 6565	Va. Beach Muni. Water Tank 1953		
75B(C) 6568	Cavalier Hotel Cupola 1929		

3. PHOTO NUMBERS (Clarification of details)
None

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
None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
Four NOAA 76-53 forms (Control Station Identification Card)
One NOAA 76-109 form (Horizontal Directions)
Two NOAA 76-77 forms (Leveling Record-Tide Station)

NOAA FORM 76-36C
(3-72)

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

TP-00691

HISTORY OF FIELD OPERATIONS.

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Junior V. Teater	6/8/77
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	Junior V. Teater	6/8/77
	N/A	
	N/A	
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	Junior V. Teater	6/8/77
	N/A	
	N/A	
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	N/A	
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	N/A	
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N/A	

II. SOURCE DATA

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

3. PHOTO NUMBERS (Clarification of details)
75B(C)6565

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
Field annotated Chart 1227
One Field Ozalid

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)
Field Report(bound with this report).
NOAA 76-40 forms.

TP-00691

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	6/9/76	Class III Map	10/29/76	6/14/77
Field edit applied	6/16/77	Class I Map		
Final review prior to registration	6/28/77	Final Map		

II. LANDMARKS AND AIDS TO NAVIGATION

I. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH			
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

- 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 ⁷⁶⁻⁴⁰ ~~607~~ 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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<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

CM-7506
RUDEE INLET, VIRGINIA
SHORELINE MAPPING
SCALE 1:5,000

Official Mileage for Cost Accounts

SQ. MI.

2

SHEET NO.

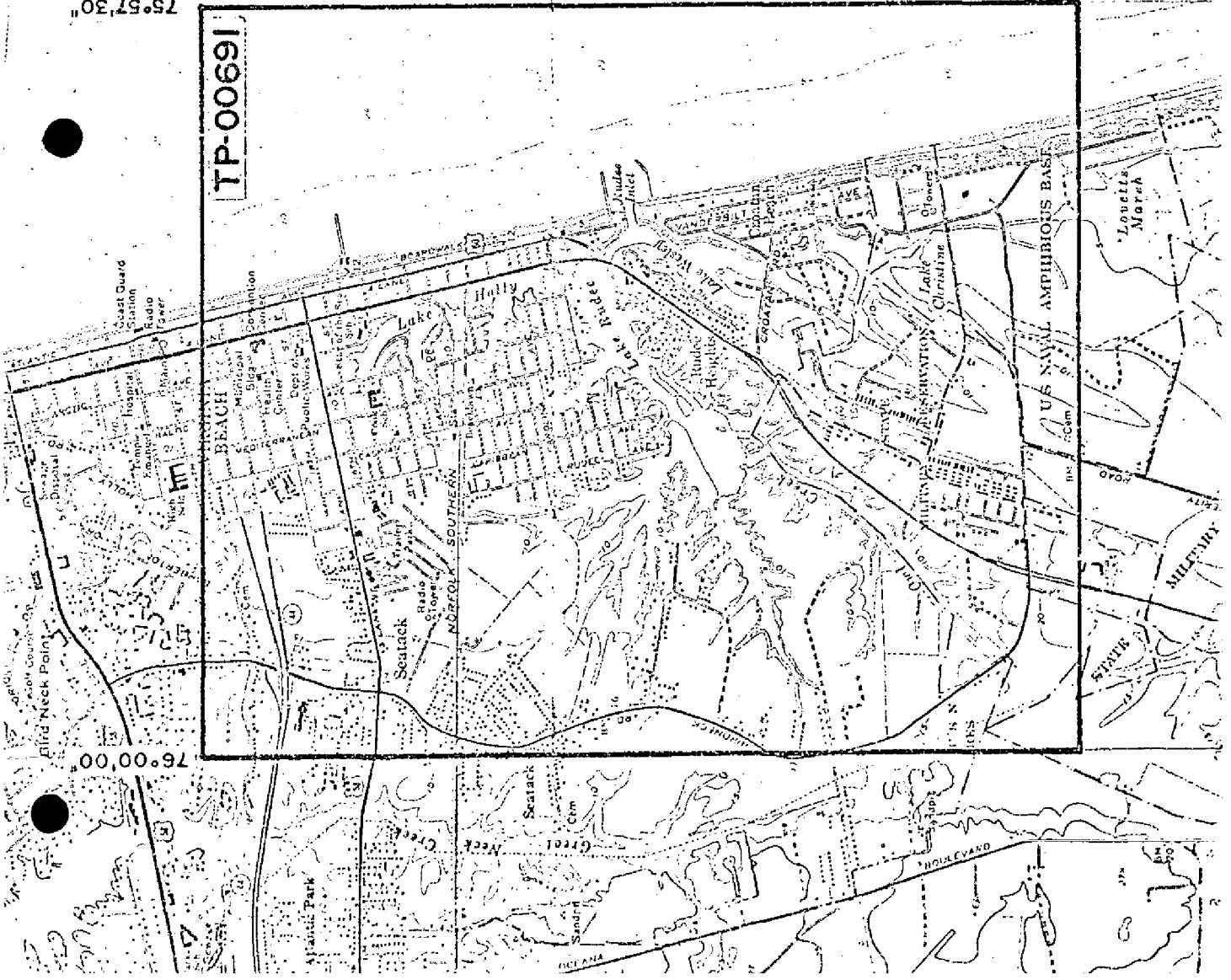
TP-00691

36° 51' 00"

75° 57' 30"

TP-00691

36° 48' 30"



76° 00' 00"

SUMMARY

The purpose of this job is to provide a 1:15,000 scale map for reconstruction of the inset on small-craft chart 129 and to furnish hydrographic support for the NOAA Ship PEIRCE.

Field operations, which began in October 1975, generally consisted of premarking control, aerial photography and the establishment of tidal datums.

One strip of 1:15,000 scale natural color photography and two strips of 1:15,000 scale black-and-white tide-coordinated infrared photography were taken with the Wild RC-10(B) camera in October 1975 and November 1975.

The strip of color photography was bridged by analytic aerotriangulation methods to provide horizontal control for both the color and the infrared photography. The strip was controlled by field identified triangulation stations paneled in 1975.

Compilation was performed by the Special Projects Section in the Rockville Office during the spring of 1976. Planimetric features and pass points to control the infrared photography were compiled on the Wild B-8 stereoplotter using the color photography. The mean-high and mean-low water lines were compiled graphically using ratioed prints of the tide-coordinated infrared photography.

Field edit was completed and applied in June 1977.

Final review was completed in the Rockville Office in June 1977. This map was found to be satisfactory and meets the National Standards of Map Accuracy.

A Descriptive Report was prepared for this map and contains all pertinent reports and listings of all data used to complete the job. This map was registered as Final.

FIELD INSPECTION

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal and vertical control necessary for aerotriangulation.

Photogrammetric Plot Report
Rudee Inlet, Virginia
CM-7506
January 18, 1976

21. Area Covered

This report pertains to one TP sheet in the vicinity of Rudee Inlet, Virginia. The Sheet (1:5,000) is TP-00691.

22. Method

One strip of 1:15,000 scale color photography was bridged by analytic aerotriangulation methods. The strip was controlled by field identified control paneled in 1975. Points were located on all the strips to determine the ratio scale. Ratios were ordered for all three strips of photography. One matte each (black-and-white) for the bridging photography and one cronapaque and matte each for the mean low and high water infrared photography. Data for ruling projections were furnished to the Coradomat to be plotted in the Virginia South state plane coordinate system.

23. Adequacy of Control

The control was adequate.

24. Supplemental Data

USGS quadrangles were used to provide vertical control for the adjustment.

25. Photography

The photography was adequate as to coverage and overlap.

Respectfully submitted,

Ivey O. Raborn
Ivey O. Raborn

Approved and forwarded:

John D. Perrow, Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section

RUDEE INLET, VA
CM-7506

Accuracy of strip adjustment in reference to given values
of horizontal and vertical control.

STATION:	DISCREPANCY IN:	
	X	Y
-CROATAN RM No. 3, 1934 (560101)	+0.453	-0.081
-DECCA(Sub Station),1955(564101)	-1.475	-0.409
-VIRGINIA BEACH MUNICIPAL WATER TANK,1953(565100)	+1.605	+0.246
-" "SUB STATION565101)	+1.425	+0.753
-CAVALIER HOTEL CUPOLA,1929(568100)	-0.582	+0.243
" Sub Station(568101)	-0.404	-0.680

VERTICAL READINGS:	Z
560201	-0.835
560202	+0.804
560203	+0.454
563201	+1.484
563202	-1.409
566201	+0.510
566202	-0.536
568201	-0.974
568202	+0.956

76°00'00"

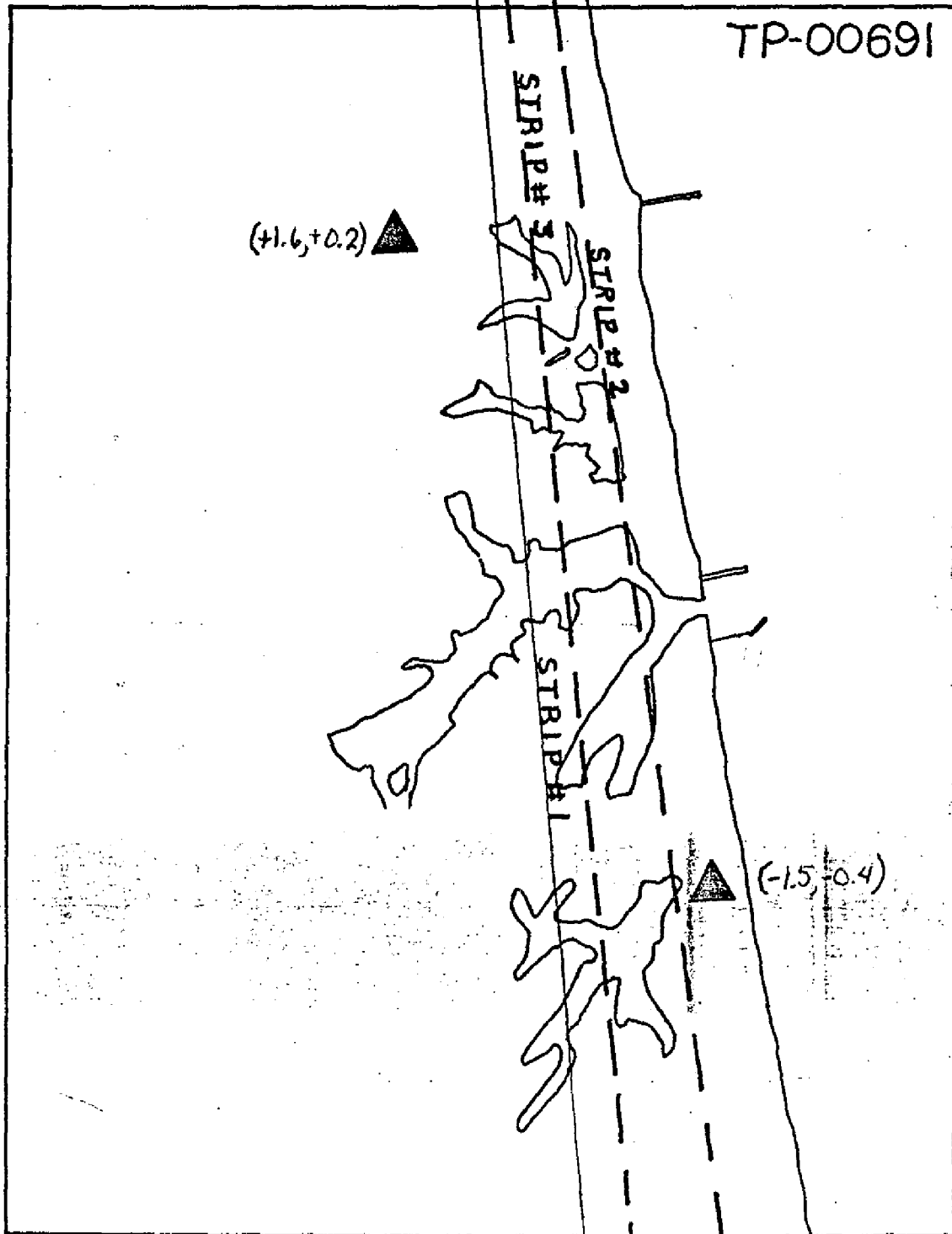
CM-7506

RUDEE INLET, VIRGINIA

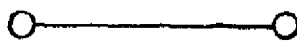
75°57'30"

36°51'00"

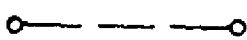
TP-00691



BRIDGING



MHW + MLW



36°48'30"

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00691	JOB NO. CM-7506	GEODEIC DATUM N.A. 1927		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	GEOGRAPHIC POSITION		REMARKS
		STATE	ZONE			ϕ LATITUDE	λ LONGITUDE	
Virginia Beach Municipal Water Tank, 1953	Quad 360754 Sta 1054			565100		ϕ 36-50-31.98000		
Decca, 1955	360754 Sta.1009			564100		λ 75-59-23.52300		
Coratan, 1934	360754 Sta.1008			560100		ϕ 36-49-15.56200		Not plotted. Reported lost by Photo field party.
Cavalier Hotel Cupola, 1929	360754 Sta.1045			568100		λ 75-58-06.11900		
						ϕ 36-47-04-48300		
						λ 75-58-06.87600		Not plotted
						ϕ 36-52-08.38100		
						λ 75-59-02.01200		Not plotted
						ϕ		
						λ		
						ϕ		
						λ		
						ϕ		
						λ		
						ϕ		
						λ		
						ϕ		
						λ		
COMPUTED BY				DATE		COMPUTATION CHECKED BY		DATE
LISTED BY	G. Fromm			3/12/76		LISTING CHECKED BY J. Schad		DATE 3/29/76
HAND PLOTTING BY				DATE		HAND PLOTTING CHECKED BY		DATE

Compilation Report
TP-00691

31. Delineation

Planimetric features on this map were compiled on the Wild B-8 stereoplotter using the 1:15,000 scale natural color photography.

The MHWL and MLWL were compiled graphically using the tide-coordinated black-and-white infrared photography. Control for the graphic compilation consisted of planimetric features and pass points compiled on the B-8 stereoplotter.

32. Control

The identification, density, and placement of horizontal and vertical control was adequate. Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

33. Supplemental Data - None

34. Contours and Drainage

Contours are inapplicable. All drainage features were compiled by office interpretation of the color photography.

35. Shoreline and Alongshore Details

There was no preliminary field inspection of the shoreline.

The MHWL and the MLWL were compiled graphically using ratioed prints of the black-and-white infrared photography. The color photography was used to supplement compilation of the MHWL.

36. Offshore Details

No unusual problems were encountered compiling the offshore detail.

37. Landmarks and Aids

Refer to 76-40 forms bound with this Descriptive Report.

Positions of landmarks and aids will be verified and/or located during field edit.

38. Control for Future Surveys

No form 524 was submitted.

39. Junctions

Refer to form 76-36B of the Descriptive Report bound with this job.

40. Horizontal and Vertical Accuracy - No comment

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison was made with the following:

USGS quadrangle Virginia Beach, VA, scale 1:24,000, 1965, photorevised 1970

No significant differences were noted.

47. Comparison with Nautical Charts

A comparison was made with the following charts:

1227, scale 1:80,000, 11th edition, dated March 16, 1974
12205 (formerly 129-SC), scale 1:80,000, (Rudee Inlet Inset, 1:10,000 scale) 10th edition, dated Jan. 10, 1976.

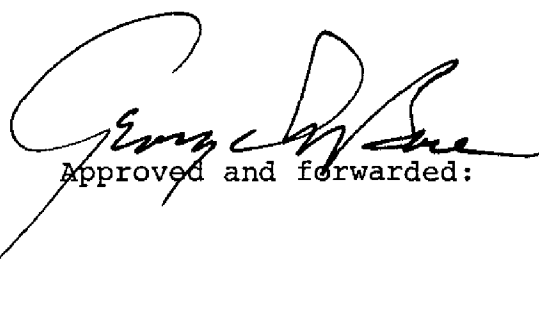
Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,



J. Schad
Special Projects Section



Approved and forwarded:

FIELD EDIT REPORT
TP-00691
RUDEE INLET, VIRGINIA
13 June 1977

51. METHODS

The field edit investigation was conducted on 8 June 1977. The inspection was accomplished by driving the main public roads. All field edit notes appear on the field edit discrepancy sheet and on photograph 75B6565.

The overhead cable crossing (marked #1 on Chart 1227) at Rudee Inlet has been removed and is to be deleted from the chart. The overhead cable, marked #2 on Chart 1227, remains in place.

Rudee Inlet, Lake Rudee, and Lake Westley are constantly subject to dredging operations. Various objects questioned are movable pipe used for this operation and are to be deleted from the sheet.

The "BKW" shown on Chart 1227, at approximate latitude $36^{\circ} 50.8'$ & longitude $76^{\circ} 58.3'$, is an experimental submerged sand trap. Although it was still in place at the time of field edit, it is subject to being removed or moved at various times.

52. ADEQUACY OF COMPILATION

Compilation appeared to be adequate. No outstanding discrepancies were noted.

53. MAP ACCURACY

There was no map accuracy checks performed during field edit.

56. GEOGRAPHIC NAMES

No discrepancies were noted while field editing this sheet.

57. LANDMARKS AND AIDS TO NAVIGATION

All landmarks and aids to navigation were verified, or deleted during this field edit.

58. FIELD EDITOR

Field edit was performed by Junior V. Teater and Leo F. Beugnet
on 8 June 1977.

Respectfully Submitted,

Junior V. Teater
Junior V. Teater
Chief, Coastal Surveys Section

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP - 00691			
1. PROJECTION AND GRIDS GF	2. TITLE GF	3. MANUSCRIPT NUMBERS GF	4. MANUSCRIPT SIZE GF
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY GF	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) N/A		7. PHOTO HYDRO STATIONS N/A
8. BENCH MARKS N/A	9. PLOTTING OF SEXTANT FIXES N/A	10. PHOTOGRAMMETRIC PLOT REPORT GF	11. DETAIL POINTS GF
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE GF	13. LOW-WATER LINE GF	14. ROCKS, SHOALS, ETC. GF	15. BRIDGES GF
16. AIDS TO NAVIGATION GF	17. LANDMARKS GF	18. OTHER ALONGSHORE PHYSICAL FEATURES GF	19. OTHER ALONGSHORE CULTURAL FEATURES GF
PHYSICAL FEATURES			
20. WATER FEATURES GF	21. NATURAL GROUND COVER N/A		22. PLANETABLE CONTOURS N/A
23. STEREOSCOPIC INSTRUMENT CONTOURS N/A	24. CONTOURS IN GENERAL N/A	25. SPOT ELEVATIONS N/A	26. OTHER PHYSICAL FEATURES GF
CULTURAL FEATURES			
27. ROADS GF	28. BUILDINGS GF	29. RAILROADS N/A	30. OTHER CULTURAL FEATURES GF
BOUNDARIES			
31. BOUNDARY LINES N/A		32. PUBLIC LAND LINES N/A	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES GF	34. JUNCTIONS GF		35. LEGIBILITY OF THE MANUSCRIPT GF
36. DISCREPANCY OVERLAY GF	37. DESCRIPTIVE REPORT GF	38. FIELD INSPECTION PHOTOGRAPHS N/A	39. FORMS GF
40. REVIEWER <i>G. Fromm</i> G. Fromm		SUPERVISOR, REVIEW SECTION OR UNIT <i>G. Ball</i> G. Ball, Special Proj. Section	
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 <i>L. Harrod</i> L. Harrod		SUPERVISOR <i>G. Ball</i> G. Ball	
43. REMARKS			

REVIEW REPORT TP-00691

Shoreline Mapping - Chart Compilation
June 1977

61. General Statement

The map was reviewed in its Class 1 (field edit applied) stage by the Special Projects Section (Rockville). The Descriptive Report contains all of the pertinent information which may be required by users of this map.

62. Comparison with Registered Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to the Compilation Report, item 46, bound with this Descriptive Report.


64. Comparison with Contemporary Hydrographic Surveys - None

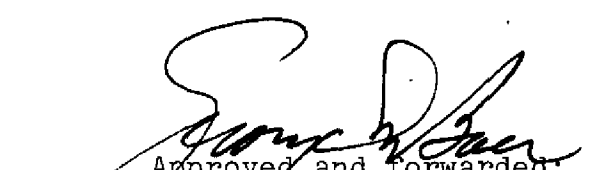

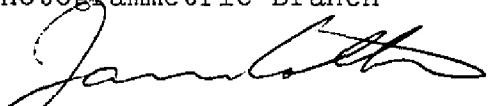
65. Comparison with Nautical Charts

A comparison has been made with a 1:10,000 scale inset on chart 12205 (formerly 129-SC) 10th Ed. Jan. 10/76, and no significant differences were noted.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with compilation instructions and Bureau requirements.

Submitted by,

G. Fromm


Approved and Forwarded:

John D. Penow, Jr. (acting)
Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7506 (Rudee Inlet, Va.)

TP-00691

Atlantic Ocean

Croatan Beach

Lake Christine

Lake Holly

Lake Rudee

Lakeview

Lake Wesley

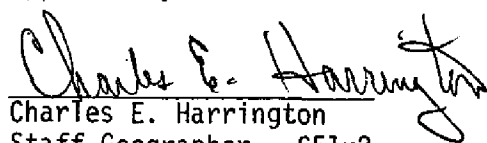
Owl Creek

Rudee Heights

Rudee Inlet

Virginia Beach

Approved by


Charles E. Harrington

Staff Geographer - C51x2

