

TP-01326

TP-01326

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

<i>Map No.</i> TP-01326	<i>Edition No.</i> 1
<i>Job No.</i> CM-8409	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> VIRGINIA	
<i>General Locality</i> NORFOLK SHIP CHANNEL	
<i>Locality</i> NORFOLK HARBOR	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">19 83 TO 19</div>	
REGISTERED IN ARCHIVES	
DATE	

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY BRANCH
PRIOR TO REGISTRATION

NOAA FORM 76-36A (3-72) U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED
DESCRIPTIVE REPORT - DATA RECORD	SURVEY TP. <u>01326</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III (FINAL)</u> JOB NO. <u>CM-8409</u>

PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA	LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED
OFFICER-IN-CHARGE A. Y. Bryson	JOB PH- _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED	
1. OFFICE	2. FIELD
Compilation performed as specified by C&GS Topographic Manual Part II and applicable National Ocean Service Instructions There were no project instructions for this Project.	Reference National Ocean Service Photogrammetric Instruction No. 22, dated 9/30/65

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 Lambert Conformal Projection	4. GRID(S) STATE Virginia ZONE South
5. SCALE 1:5,000	STATE ZONE

III. HISTORY OF OFFICE OPERATIONS		
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY NA METHOD: None LANDMARKS AND AIDS BY NA		
2. CONTROL AND BRIDGE POINTS PLOTTED BY W. McLemore, Jr. METHOD: Xynetics CHECKED BY R. Kravitz		July 1983 July 1983
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY R. Kravitz COMPILATION CHECKED BY P. Evans, Jr. INSTRUMENT: Wild B-8 SCALE: 1:5,000 CONTOURS BY NA CHECKED BY NA		August 1983 August 1983
4. MANUSCRIPT DELINEATION PLANIMETRY BY R. Kravitz CHECKED BY W. McLemore, Jr. METHOD: Smooth drafted CONTOURS BY NA CHECKED BY NA SCALE: 1:5,000 HYDRO SUPPORT DATA BY NA CHECKED BY NA		August 1983 May 1984
5. OFFICE INSPECTION PRIOR TO FINAL REVIEW FINAL REVIEW BY W. McLemore, Jr.		May 1984
6. APPLICATION OF FIELD EDIT DATA BY NA CHECKED BY NA		
7. COMPILATION SECTION REVIEW CLASS III BY W. McLemore, Jr.		May 1984
8. FINAL REVIEW CLASS III FINAL BY Jim Byrd, Jr.		June 1984
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY Jim Byrd, Jr.		Aug. 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY P. Hawkins		Oct. 1984
11. MAP REGISTERED - COASTAL SURVEY SECTION BY E. DAUGHERTY		Nov 1984

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 (B) (B=152.74mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED	ZONE Eastern		<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
83 B(P) 2589 - 2593	May11,1983	14:48	1:20,000	0.2 below MLW Mean Tide Range=2.8 ft.

REMARKS All photographs are based on predicted tide data using Reference Station Hampton Roads, Virginia and Subordinate Station, Norfolk, VA

2. SOURCE OF MEAN HIGH-WATER LINE:
The Mean High Water Line was compiled from office interpretation of the compilation photographs using stereo instrument methods.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:
No Mean Low Water Line was compiled.

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
TP-01325	TP-01325	TP-01325	TP-01325

REMARKS This 1:5000 scale manuscript is an inset to TP-01325, 1:10,000 scale.
*See item #39 of Compilation Report

TP-01326

HISTORY OF FIELD OPERATIONS

CONTROL RECOVERY			
I. <input checked="" type="checkbox"/> FIELD INSPECTION OPERATION		<input type="checkbox"/> FIELD EDIT OPERATION	
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	W. T. McLemore, Jr.	July 1983	
2. HORIZONTAL CONTROL	RECOVERED BY	W. T. McLemore, Jr.	July 1983
	ESTABLISHED BY	NA	
	PRE-MARKED OR IDENTIFIED BY	NA	
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	W. T. McLemore, Jr.	July 1983
	LOCATED (<i>Field Methods</i>) BY	NA	
	IDENTIFIED BY	NA	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION		
	<input type="checkbox"/> COMPLETE		
	<input type="checkbox"/> SPECIFIC NAMES ONLY		
	<input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	NA	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA	
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (<i>Clarification of details</i>)			
None			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED			
None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (<i>Sketch books, etc. DO NOT list data submitted to the Geodesy Division</i>)			
None			

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	May 1984	Class III manuscript	None	None
Final Review Class III	June 1984	Final Class III Map No field edit performed	OCT 24 1984	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH			
PAGES XXXXX	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
4		OCT 24 1984	Landmarks and Aids to Navigation

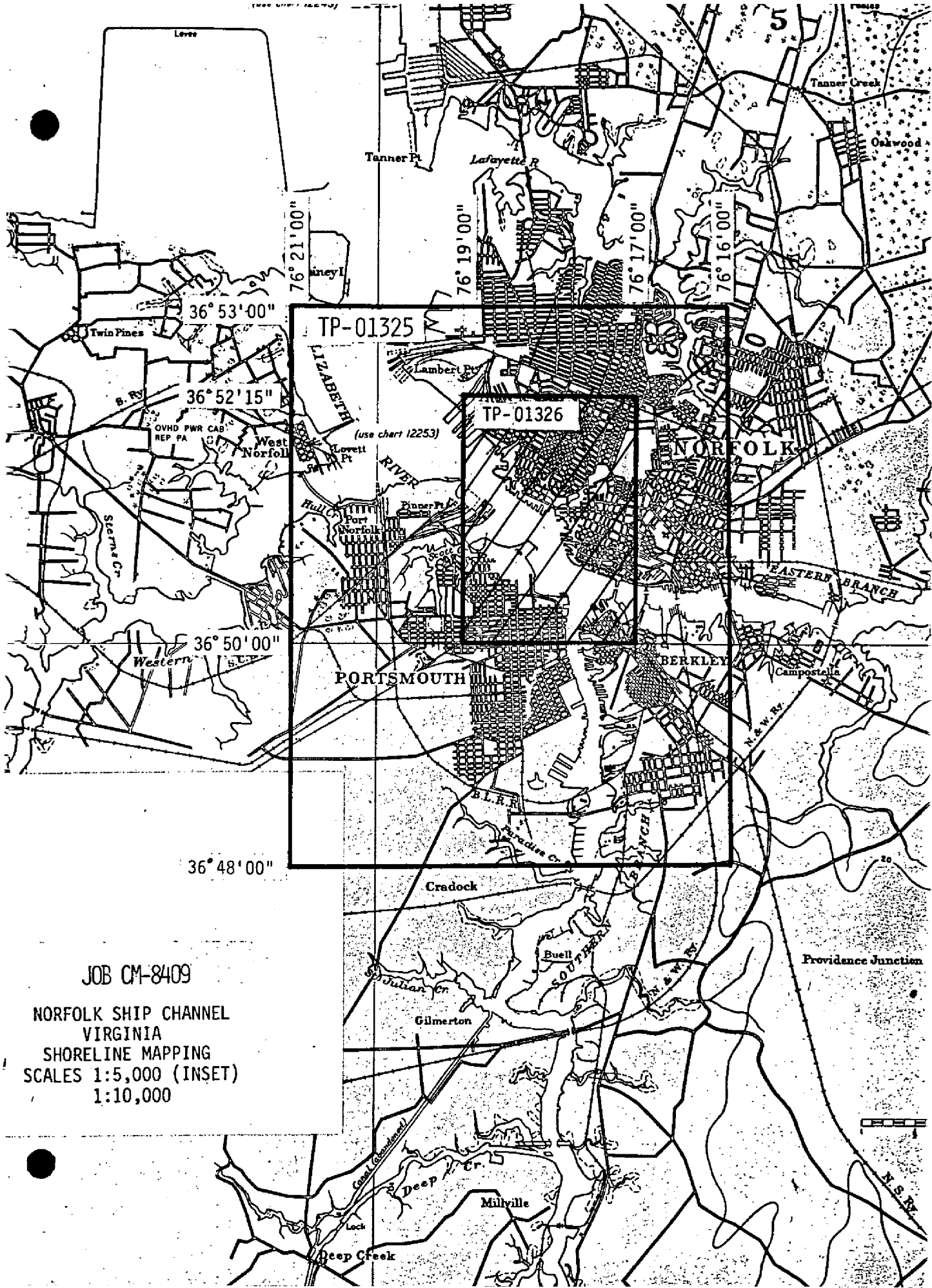
2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
 3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

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



36° 53' 00"
 36° 52' 15"
 36° 50' 00"
 36° 48' 00"

TP-01325
 TP-01326
 (use chart 12253)

JOB CM-8409
 NORFOLK SHIP CHANNEL
 VIRGINIA
 SHORELINE MAPPING
 SCALES 1:5,000 (INSET)
 1:10,000



N.S.M.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01326

This 1:5,000 scale Final Class III shoreline map (inset) is one of two maps comprising project CM-8409, Norfolk Ship Channel, Virginia.

The purpose of this project is to provide current charting information for nautical chart maintenance.

This Final Class III map features the shoreline along Norfolk Harbor from Berkley waterfront up to Lamberts Point.

Photo coverage was adequately provided by black-and-white Panchromatic photographs. All photographs were taken with the Wild RC-10 (B) camera at 1:20,000 scale in May 1983.

Field work prior to compilation consisted of the recovery of horizontal control necessary for absolute orientation of stereo models. This activity was completed in July 1983.

Ratio values for photographs were determined and ratioed photographs were adequately provided by the Washington Science Center in July 1983.

The base manuscripts with control were ruled at the Atlantic Marine Center by the Xynetics plotter in July 1983.

Compilation, based upon photo interpretation, was performed by the Coastal Mapping Unit at the Atlantic Marine Center in August 1983. Compilation office review was performed in May 1984.

No field edit will be accomplished for this map.

Final review was performed at the Atlantic Marine Center in June 1984. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch.

This Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-01326

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery of the horizontal control necessary for the absolute orientation of the stereo models.

COMPILATION REPORT
TP-01326

31 - DELINEATION

Delineation was accomplished using stereo instrument compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:20,000 scale panchromatic photographs.

All photographs used to compile this map are listed on NOAA Form 76-36B. The photography was adequate.

32 - CONTROL

No field photo-identification was necessary for horizontal control due to the density and placement of office identifiable NGS third order intersection stations within the project area. The stereo models were controlled with a minimum of 7 identifiable stations per model.

U.S. Geological Survey quadrangles were used to provide vertical control for leveling the stereo models. The density and distribution of quadrangle elevations were adequate.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled by office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation of the photographs as described in item #31. There was no mean low water line compiled for this project.

Details were compiled as they were at the date of photography. Areas under construction at the time of photography were annotated on the manuscript. See item #31.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in item #31.

TP-01326

37 - LANDMARKS AND AIDS

There are 16 charted landmarks and 11 charted navigational aids within the mapping limits of this manuscript. Among these, 14 landmarks and no aids were either located or verified photogrammetrically. Appropriate information was prepared on the 76-40 forms and submitted with this map.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item #5.

Due to construction in progress and a one year difference in the time of photography between that used for this map and that used for TP-01325, the mean high water line in the SE corner of the map (approx. Latitude 36°50.0', Longitude 76°17.5') would not junction. This area was labeled "area under construction" on this map and TP-01325.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following US Geological Survey quadrangle: Norfolk South, VA, 1:24,000 scale, dated 1965, photorevised 1980.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 12253, 33rd edition, dated July 30, 1983, 1:20,000 scale; 12206, 22nd edition, dated February 4, 1984, 1:40,000 scale; 12222, 29th edition, dated June 11, 1983, 1:40,000 scale; 12221, 53rd edition, dated August 20, 1983, 1:80,000; and 12207, 15th edition, dated August 15, 1981, 1:80,000 scale.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by, .

James L. Byrd, Jr. for

Robert R. Kravitz
Cartographic Technician
August 1983

Approved,

James L. Byrd, Jr.

James L. Byrd, Jr.
Chief, Coastal Mapping Unit

REVIEW REPORT TP-01326
SHORELINE

61. GENERAL STATEMENT

This project was planned in the Photogrammetric Section at the Atlantic Marine Center.

No aerotriangulation operations were performed for this project due to the density and placement of existing horizontal control in the project area. See item #32 in the Compilation Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following U.S.G.S. Quadrangle: Norfolk South, VA, 1:24,000 scale, dated 1965, photorevised 1980.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Not applicable.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 12253, 33rd edition, dated July 30, 1983, 1:20,000 scale; 12206, 22nd edition, dated February 4, 1984, 1:40,000 scale; 12222, 29th edition, dated June 11, 1983, 1:40,000 scale; 12221, 53rd edition, dated August 20, 1983, 1:80,000 scale; and 12207, 15th edition, dated August 15, 1981, 1:80,000 scale.

Differences between the charts and this map are reported on the Chart Maintenance Print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the Topo Manual, Part II and applicable NOS instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by,

James L. Byrd, Jr.
James L. Byrd, Jr.
Final Reviewer

Approved for forwarding,



Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,



for Chief, Photogrammetric Section, Rockville



for Chief, Photogrammetry Branch
Rockville

April 12, 1984

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8409 (Norfolk Harbor and Elizabeth River, Virginia)

TP-01326

Berkley

Berkley Bridge (cultural)

Eastern Branch

Elizabeth River

Fort Norfolk (cultural)

Ghent

Hospital Point

Lamberts Point Terminal

Norfolk

Pinner Point

Port Norfolk

Portsmouth

Scott Creek

Smith Creek

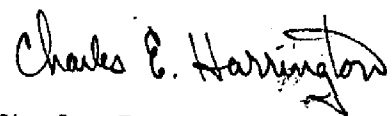
Southern Branch

Spotico Creek

Town Point

West Ghent

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

DISSEMINATION OF PROJECT MATERIAL

CM-8409

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

Brown Jacket:

3 Envelopes Containing Contacts and Film Positives

NOAA Forms 76-15

75-82

163

BUREAU ARCHIVES

Registered Copy of Each Map

Descriptive Report of Each Map

REPRODUCTION DIVISION

8x Reduction Negative of Each Map

OFFICE OF STAFF GEOGRAPHER

Geographic Names Standard

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY	
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Unit, AMC, Norfolk, VA		LOCALITY Norfolk Ship Channel		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH	
The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks.		STATE Virginia		DATE Aug. 1983			
OPR PROJECT NO.		SURVEY NUMBER TP-01326		DATUM NA 1927			
JOB NUMBER CM-8409		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED	
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)	LATITUDE		LONGITUDE		OFFICE	FIELD
		° / ' "	° / ' "	D.P. Meters	D.P. Meters		
TANK	Easterly of two	36 50	76 17	21.19	525	83 B (P) 2593 5-11-83	12253 12206
TANK	Westerly of two	36 50	76 17	21.59	535	83 B (P) 2593 5-11-83	12253 12206
TOP CENTER HOSPITAL	Portsmouth Naval Hospital	36 50	76 18	18.32	454	83 B (P) 2591 5-11-83	12253 12206
TV TOWER	(Portsmouth, Radio Station, WSAP, Tower, 1949)	36 50	76 18	39.80		83 B (P) 2591 5-11-83	12253 12221 12206
TV TOWER	AMC Field Pos	36 51	76 18	20.594		83 B (P) 2591 5-11-83	12253 12222 12221 12206
SPIRE	(Norfolk Christ Church, 1916)	36 51	76 17	34.383		83 B(P) 2591 5-11-83	12253 12222 12206
TOP CENTER HOSPITAL	Norfolk General Hospital	36 51	76 18	44.57	299	83 B(P) 2591 5-11-83	12253 12222 12206
MARKER		36 50	76 18	35.36	214	"	12253 12206
MARKER		36 50	76 18	40.94	305	"	"

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	Robert R. Kravitz
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	
<p style="text-align: center;">INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)</p>	
<p>OFFICE</p> <p>I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75</p> <p>FIELD</p> <p>I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection</p> <p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75</p> <p>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p>	<p>FIELD (Cont'd)</p> <p>B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982</p> <p>II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</p> <p>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p>**PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>
	<p>ORIGINATOR</p> <p><input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)</p> <p>FIELD ACTIVITY REPRESENTATIVE</p> <p>OFFICE ACTIVITY REPRESENTATIVE</p> <p><input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE</p>

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	ORIGINATOR <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 FIELD II. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY	
NONFLOATING AIDS OR LANDMARKS FOR CHARTS		LOCALITY		DATE		<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH <i>(See reverse for responsible personnel)</i>	
<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT <i>(Field, Party, Ship or Office)</i> Coastal Mapping Unit, AMC, Norfolk, VA		STATE		LOCALITY Norfolk Ship Channel DATE Aug. 1983	
The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks. OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM NA 1927	
CHARTING NAME <i>(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)</i>		DESCRIPTION		POSITION		METHOD AND DATE OF LOCATION <i>(See instructions on reverse side)</i>	
				LATITUDE ° / ' " / D.M. Meters		LONGITUDE ° / ' " / D.P. Meters	
LIGHT*	Crawford Harbor South Light	36 50.3	76 17.8	NOT IDENTIFIABLE	NOT IDENTIFIABLE	12253	12206
LIGHT*	Crawford Harbor North Light	36 50.3	76 17.8	"	"	"	"
LIGHT*	Holiday Harbor Jetty Light	36 50.5	76 17.9	"	"	"	"
LIGHT*	Holiday Harbor South Entrance Light	36 50.5	76 17.9	"	"	"	"
LIGHT*	Holiday Harbor North Entrance Light	36 50.5	76 17.9	"	"	"	"
DAY BEACON*	(Not in 1984 Light List) Town Point Daybeacon	36 50.9	76 17.8	NOT IDENTIFIABLE	NOT IDENTIFIABLE	"	"
DAY BEACON*	Scott Creek Channel Daybeacon 5	36 50.8	76 18.9	"	"	"	"
DAY BEACON*	Scott Creek Channel Daybeacon 4	36 50.8	76 19.0	"	"	"	"
DAY BEACON*	Scott Creek Channel Daybeacon 1	36 51.0	76 18.6	"	"	"	"
	*Position scaled from chart.						

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	ORIGINATOR <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75
	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	ORIGINATOR <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'
(Consult Photogrammetric Instructions No. 64.)

OFFICE	FIELD (Cont'd)
<p>I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75</p> <p>FIELD</p> <p>I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant</p> <p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75</p> <p>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p>	<p>8. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982</p> <p>II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</p> <p>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>

