

7-12579

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. PH-6406 Map No. T-12579

Classification No. Edition No. 1

Field Edited

LOCALITY

State North Carolina

General Locality North Carolina Coast

Locality Beaufort

1964 TO 1967

REGISTRY IN ARCHIVES

DATE

7-12579

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

P R E F A C E

Because most of the records for this map were misplaced or lost, this Descriptive Report is incomplete. At the time of Final Review, a new diagram showing the area covered by ~~T-12759~~^{T-12579} was made to take the place of the page-size project diagram, which was lost. See Summary, Par. 1, on page 6 of this report.

NOAA FORM 76-36A
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY ~~W.T-12759~~ **T-12579**

MAP EDITION NO. (1)

MAP CLASS Final (F.E.)

JOB PH- 6406

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division (Norfolk)

OFFICER-IN-CHARGE

Jeffrey G. Carlen, CDR

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH- _____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Feb. 17, 1967

2. FIELD

Sept. 22, 1964
 Mar. 14, 1967
 July 19, 1972

II. DATUMS

1. HORIZONTAL:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

2. VERTICAL:

- ☒ MEAN HIGH-WATER
☒ MEAN LOW-WATER
☐ MEAN LOWER LOW-WATER
☐ MEAN SEA LEVEL

OTHER (Specify)

3. MAP PROJECTION

Polyconic

4. GRID(S)

STATE
North Carolina

ZONE

5. SCALE

1:10,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY		
METHOD:	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY		
METHOD:	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY		
COMPILATION	CHECKED BY		
INSTRUMENT: Wild B-8	CONTOURS BY	NA	
SCALE:	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY		
	CHECKED BY		
METHOD: Smooth ink drafting	CONTOURS BY		
	CHECKED BY		
SCALE: 1:10,000	HYDRO SUPPORT DATA BY		
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY		
6. APPLICATION OF FIELD EDIT DATA	BY		
	CHECKED BY		
7. COMPILATION SECTION REVIEW	BY		
8. FINAL REVIEW	BY	C. Bishop	Apr. 1975
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	n. J. Francis	Sept. 11, 1975

NOAA FORM 76-36A

SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "S"	TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE HAMPTON ROADS (Beaufort) <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE Eastern MERIDIAN 75th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
64 S(C) 1356 - 1359	8 May 1964	13:39	1:30,000	1.0 ft. above MLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

Photography of May 8, 1964 and field methods.

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

Office interpretation of May 8, 1964 photos.

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 Survey	No Survey	No Survey	No Survey

REMARKS

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HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J.K. Wilson	June 1965
2. HORIZONTAL CONTROL	RECOVERED BY M. Stewart; H. Ganna	June 1965
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY M. Stewart; H. Ganna	June 1965
3. VERTICAL CONTROL NA	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
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 M. Stewart; H. Ganna	June 1965
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)

64 S(C) 1343 - 1346; 64 S(C) 1356 - 1359

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. 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)

No report, no CSI cards, no recovery cards available at time of Final Review.

NOAA FORM 76-36C
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~~T-12759~~U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson (Photo Pty 61) HFP 745	Mar. 1967 May. to July 1967
2. HORIZONTAL CONTROL	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	
3. VERTICAL CONTROL	RECOVERED BY	
	ESTABLISHED BY	
	PRE-MARKED OR IDENTIFIED BY	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
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	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

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)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE6. 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)

No report submitted. Information is on Field Edit Ozalid and a stable base print of the map.

NOAA FORM 76-36D
(3-72)

T-12579
T-12759
RECORD OF SURVEY USE

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**I. MANUSCRIPT COPIES**

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Mar. 1967	Class III Superseded		
Field edit applied	Aug. 1967	Class I		
Final Review	Aug. 1975	Final No changes made		

II. LANDMARKS AND AIDS TO NAVIGATION**1. 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**

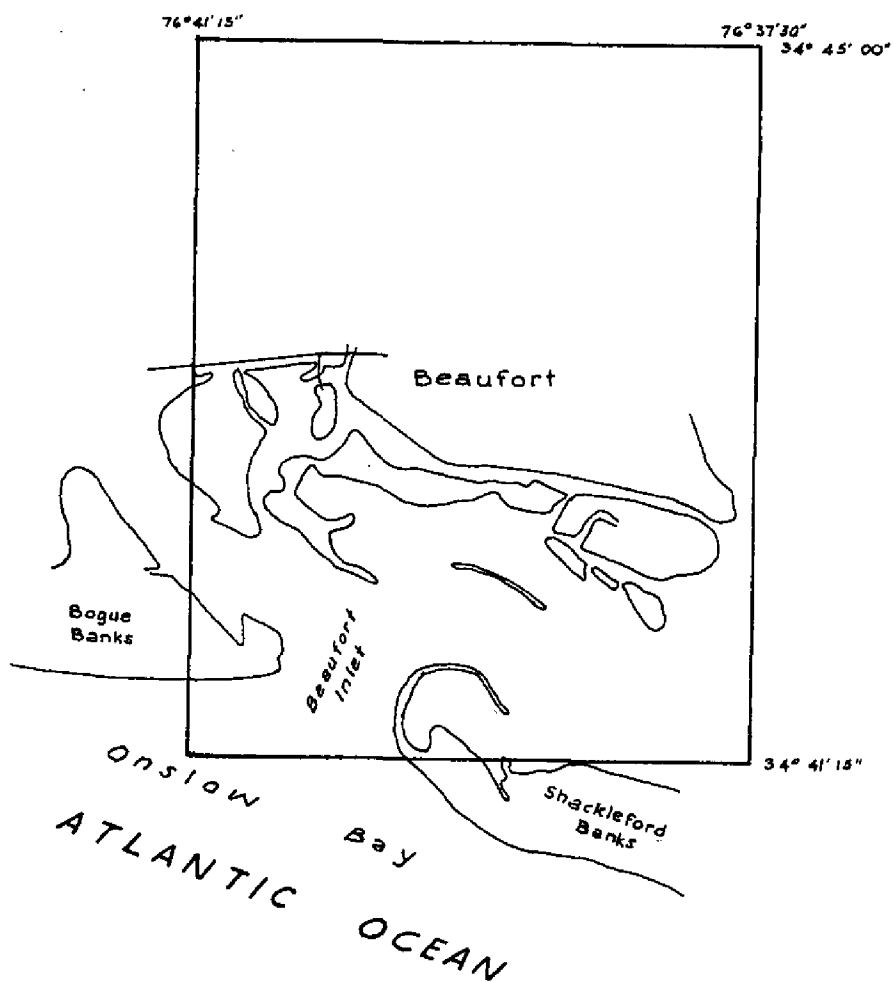
1. ☐ BRIDGING PHOTOGRAPHS; ☐ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

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	

NOAA FORM 76-36D

PROJECT DIAGRAM
PH-6406
North Carolina Coast



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT ~~T-12759~~ T-12579

This 1:10,000 scale shoreline manuscript is the only map that was compiled in Project PH-6406. It is located in the Morehead City - Beaufort area of North Carolina. The other maps that were planned for Project PH-6406 were cancelled when Project CM-7219, a 1:20,000 scale SCOPE project, was initiated. The PH-6406 area is also covered by Special Project CM-7402, a 1:5,000 scale project compiled from 1973 color photography in August, 1974 and field edited in November, 1974. Project PH-6406 is obsolete because of this recent compilation at a larger scale. Only a cursory review of Map T-12759 was done.

Field inspection was done in June, 1965.

Bridging was done at the Rockville Science Center, probably in 1965, judging by the date on Form 164, Control Record. The Aerotriangulation Report is lost.

Compilation was done in March, 1967 at the Atlantic Marine Center, using the Wild B-8 plotter, with 1:30,000 scale panchromatic photography.

Field edit was done in April, 1967 by Photo Party 61. Additional edit was done by HFP 745 in May through July, 1967.

Final review was done at the Atlantic Marine Center in July, 1975.

The original manuscript was a stabilene sheet 3 minutes 45 seconds in latitude by 3 minutes 45 seconds in longitude. Detail extends beyond the neat lines on the west, south, and east sides of the map.

A stable base positive copy and a negative of the final reviewed map were forwarded for record and registry.

REVIEW REPORT ~~T-12759~~ ^{T-12579}

SHORELINE

July 31, 1975

61. GENERAL STATEMENT:

See Summary (page 6 of this Descriptive Report) regarding 1:5,000 scale Special Project CM-7402.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

None

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle BEAUFORT, NC, scale 1:24,000, dated 1951. Due to the changeable nature of the area, numerous shoreline changes have occurred since 1951.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a copy of the boat sheet for Survey H-8934 (HFP-745-10-1-67). No significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 833-SC, 1:40,000 scale, 10th edition, dated Feb. 24, 1973. A charted group of submerged pipes and a submerged pile at Lat. $34^{\circ} 42.2'$, Long. $76^{\circ} 40.0'$ and a charted rock on the west side of Beaufort Inlet at Fort Macon are not visible on the mapping photography and are not shown on ~~T-12759~~. ^{T-12579}

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

There are no records stating the accuracy of this map. There is no reason to believe that at the time of compilation it did not comply with Project Instructions for the area compiled and meet Bureau requirements and the National Standards of Map Accuracy.

This map is now superseded by Special Project CM-7402.

Reviewed by:

Charles H Bishop

Charles H. Bishop
Cartographer
July 31, 1975

Approved for Forwarding:

Victor E. Serena
Victor E. Serena
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

