

T-11672

T-11672

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-6207 Map No. T-11672

Classification No. II Final Edition No. 1

Field Inspected Map

LOCALITY

State North Carolina^{MA}

General Locality Oregon Inlet

Locality Bodie Island

1962 TO 1963

REGISTRY IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

☒ ORIGINAL

MAP EDITION NO. (1)

☐ RESURVEY

MAP CLASS II Final

☐ REVISED

JOB PH- 6207

PHOTOGRAMMETRIC OFFICE

Baltimore District Office

OFFICER-IN-CHARGE

Commander Miller J. Tonkel

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

JOB PH- _____

☐ ORIGINAL

MAP CLASS _____

☐ RESURVEY

SURVEY DATES:

☐ REVISED

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

May 28, 1962

2. FIELD

May 14, 1962

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

N.A.

5. SCALE

1:10,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS	NAME	DATE
1. AEROTRIANGULATION Stereoplanagraph - BY METHOD: Bridging LANDMARKS AND AIDS BY	R. B. Kelly N.A.	10/62
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coordinate graph CHECKED BY	L. A. Senasack H. R. Rudolph	10/62 10/62
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPIATION CHECKED BY	B. Kurs E. L. Rolle	11/62 11/62
INSTRUMENT: Kelsh Plotter	CONTOURS BY	N.A.
SCALE: 1:4,000	CHECKED BY	N.A.
4. MANUSCRIPT DELINEATION PLANIMETRY BY	L. A. Senasack & J. Grogan	2/63
CHECKED BY	E. L. Rolle	2/63
CONTOURS BY	N.A.	
CHECKED BY	N.A.	
METHOD: Scribed	HYDRO SUPPORT DATA BY	N.A.
SCALE: 1:10,000	CHECKED BY	N.A.
5. OFFICE INSPECTION PRIOR TO HYDRO Hydro Support	E. L. Rolle	3/63
BY	N.A.	
6. APPLICATION OF FIELD EDIT DATA	CHECKED BY	N.A.
7. COMPIATION SECTION REVIEW	BY	R. Glaser
8. FINAL REVIEW	BY	E. L. Rolle
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	E. L. Rolle
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	R. F. Carter

COMPILATION SOURCES

T-11672

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "L" & "W" - 6" Focal Length		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED B&W		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
62W(P) 4135-4137	5/3/62	1438	1:20,000	+0.3' MLW	
62W(P) 4173-4174	5/3/62	1505	1:15,000	+0.6' MLW	
62L(I) 3027-3030	5/3/62	1512	1:15,000	+0.6' MLW	
62L(I) 2991	5/3/62	1445	1:20,000	+0.4' MLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the photography listed above under item 1 and field inspection data.

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

The source of the approximate MLW line is the photography listed above under item 1 and field inspection data.

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
Water Area	Water Area	T-12140	T-11665

REMARKS

T-11672

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION - 7/62 ☐ FIELD EDIT OPERATION - None

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	I. Y. Fitzgerald	7/62
2. HORIZONTAL CONTROL	RECOVERED BY I. Y. Fitzgerald	7/62
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY I. Y. Fitzgerald	7/62
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 checked="" type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY I. Y. Fitzgerald	7/62
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
62W4174	Bodie Island South Base, 1849		

3. PHOTO NUMBERS (Clarification of details)

Field Inspection photos: 62W4137 - 62L2991 - 62L3027 thru 6²L3030

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

There are no landmarks or nonfloating aids on this map.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

One "Discrepancy Sheet."

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

Listings of "mean high water distances."

NOAA FORM 76-36D (3-72)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
RECORD OF SURVEY USE	
T-11672	

I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete.	8/16/63	Class II Map		8/16/63
Review Corrections applied.	9/17/63	Class II Map		
Final Review.	9/76	Class II Map		

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: _____

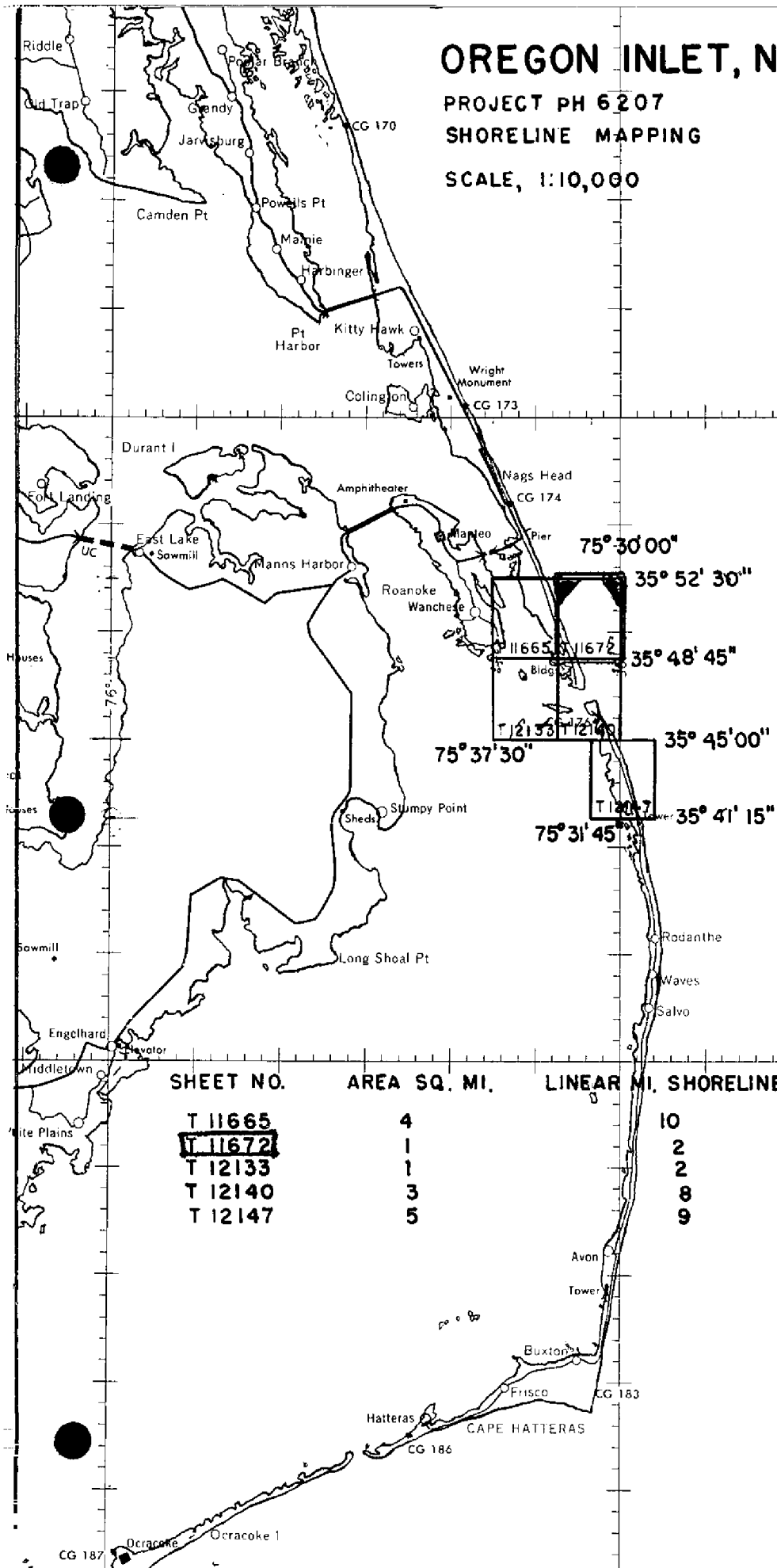
III. FEDERAL RECORDS CENTER DATA	
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS 567 SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: _____	
4. <input type="checkbox"/> 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

OREGON INLET, N.C.

PROJECT PH 6207
SHORELINE MAPPING

SCALE, 1:10,000



SUMMARY

For

T-11665, T-11672, T-12133, T-12140, and T-12147

These five maps were compiled at 1:10,000 scale in the area of Oregon Inlet, North Carolina.

The purpose of this job is to provide control for a standard hydrographic survey and to compile new shoreline. All data will be used to update nautical charts covering the area.

Field operations, which began in May 1962, generally consisted of aerial photography, field inspection, recovery and/or establishment and identification of horizontal control, recovery and identification of tidal bench marks, and verification and/or location of all land-marks and fixed aids to navigation.

Aerotriangulation and compilation photography was furnished at scales of 1:15,000 and 1:20,000 using both panchromatic and black-and-white infrared film at each scale. The infrared film was taken with the "L" camera and the panchromatic film with the "W" camera. Both cameras have a focal length of 152mm.

Three strips of the 1:15,000 scale panchromatic photography were bridged and adjusted to ground by IBM-650 method. Eleven horizontal control stations and nine horizontal control check stations were weighted in the strip adjustments. This provided the horizontal control for compilation.

Compilation was performed in the Baltimore District Office during the period September 1962 through August 1963. The maps were compiled on the Kelsh Plotter using the panchromatic photography. Black-and-white infrared photography was ratioed and used graphically to supplement the stereocompilation. Compilation was supported by field inspection furnished on the black-and-white infrared contact photography. Prior to the photogrammetric office review, an ozalid copy was made of each map and labeled "Discrepancy Sheet." Notes were made on these sheets in areas where compilation data was questionable and forwarded to the Washington Office for clarification. All areas in question were resolved by notes made onto these sheets by the Washington Office and the maps delineated accordingly. These "Discrepancy Sheets" supplement the field inspection and will be retained on file with other job data. This job was not field edited.

All line work is scribed, approved symbols are shown in the marginal data of the map.

The maps were final reviewed in the Class II (field inspected) stage in the Rockville Office in September 1976. All maps were found to be satisfactory and met the Standards of Map Accuracy and Bureau requirements.

A Descriptive Report was prepared for each map in the job. The Descriptive Reports contain all pertinent reports written and listings of all data used to complete each map.

A Chart Maintenance Print for each map was submitted to the Marine Chart Division.

The following items are registered in the Bureau Archives:

1. A plastic copy of each map (1:10,000 scale).
2. A Descriptive Report for each map.

Negatives for each map are filed in the Reproduction Division.
All field data are filed in the National Archives.

Aerotriangulation
Oregon Inlet, N.C.
Project PH-6207
June 1962
Strip #1

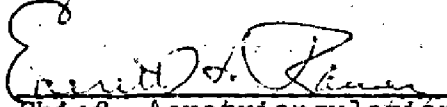
A eleven model bridge covering portions of T-12133, T-12140, T-11665 and T-12172 was run in order to control a hydrographic survey in the Oregon Inlet Area. This bridging was required after the recent severe storm on the East Coast.

The bridge was adjusted by IBM-650 method to five field-identified control stations with eight additional stations used to check the adjustment. Closures (see attached sketch) indicated that the bridge is within accuracy standards for scales of 1:10,000 or 1:5,000.

Submitted by:

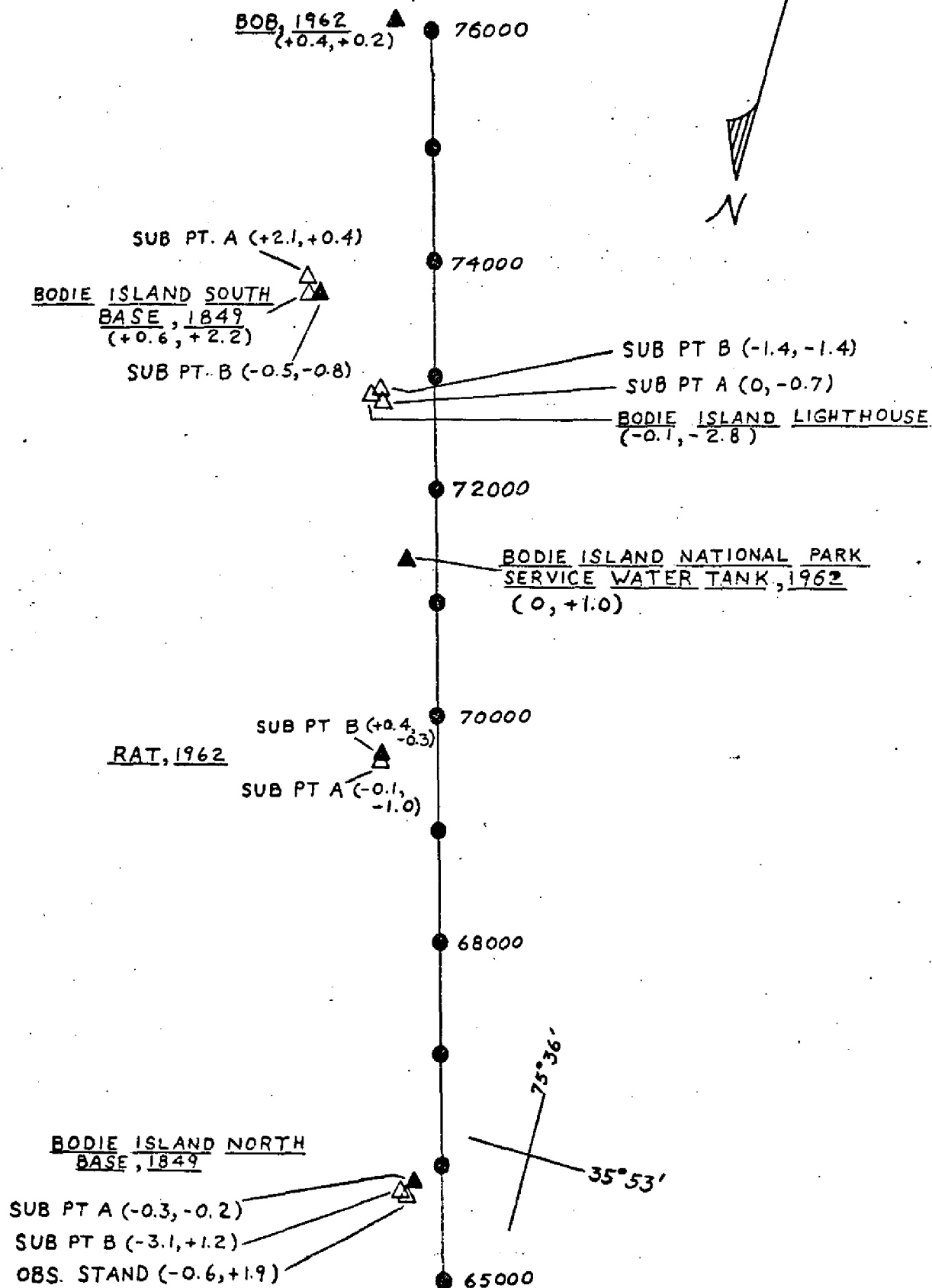

Robert B. Kelly

Approved by:


Chief, Aerotriangulation Sec.

OREGON INLET, N.C.
 PH - 6207
 PHOTOGRAPHS 62 W 4165
 THRU 62 W 4176
 STRIP #1

9



▲ HORIZONTAL CONTROL USED IN ADJUSTMENT

2 JULY 1962

AEROTRIANGULATION
Oregon Inlet, N. C.
Project PH-6207
August 10, 1962
Strip #2

A five model bridge covering portions of T-12133 and T-12140 was performed in order to control a hydrographic survey in the Oregon Inlet area. This bridging was required after the recent severe storm on the East Coast.

The bridge was adjusted by IBM-650 method to three field-identified control stations with four additional stations used to check the adjustment. Closures (see attached sketch) indicated that the bridge is within accuracy standards for scales of 1:10,000 or 1:5,000. Station CLUB 1933, sub point B, did not hold as shown in sketch. According to the field man, station CLUB 1933, sub point B, was of very poor image quality and uncertain indensity. This was verified by the instrument operator.

Note to Compiler:

Tie points 76310, 76330, 76404 and 76405 should be averaged with those tie points of strip #1 before compilation of strip #2 is started. The relatively weak tie is believed due to the poor image points that were available and refraction caused by the water.

Submitted by:


Robert B. Kelly

Approved by:


Everett H. Ramey

(11)

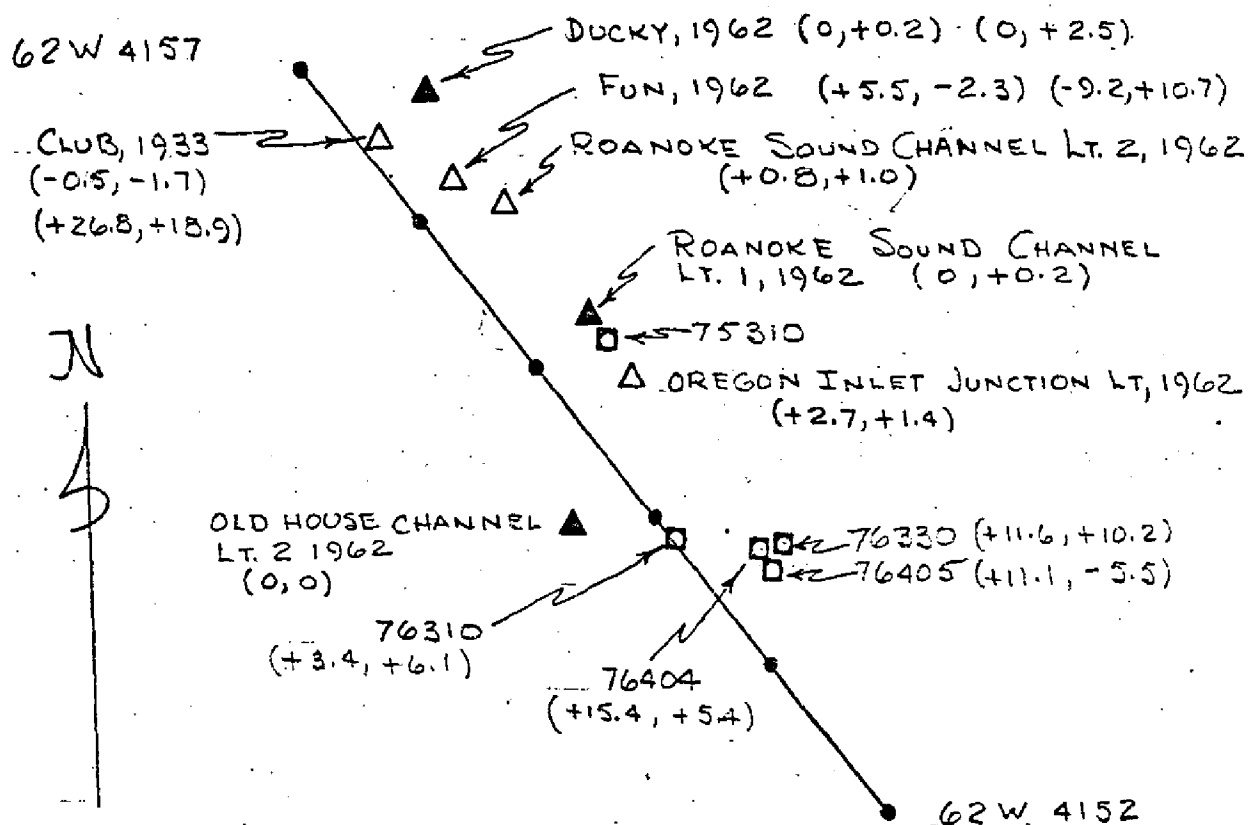
AEROTRIANGULATION SKETCH

PH-6207

OREGON INLET, N.C.

AUGUST 10, 1962

STRIP #2



LEGEND

- ▲ CONTROL USED IN ADJUSTMENT
- △ CONTROL USED AS CHECK
- TIE POINTS USED IN STRIP 1

NOTE

CLOSURE OF BRIDGE TO CONTROL SHOWN
 IN PARENTHESES

AEROTRIANGULATION REPORT
Oregon Inlet, North Carolina
Ph-6207
Strip 75
September 12, 1962

An eleven-model bridge was accomplished to provide additional control points for the compilation of shoreline which had been altered by the recent (March, 1962) severe storm. The area of the strip comprising this bridge extended southward from Oregon Inlet (a portion of T-12140 and all of T-12147). Two other bridges of this project fall to the northward and are discussed in separate reports. The Bridge was adjusted by IBM methods based upon three field-identified control stations (see solid triangulation symbols on attached sketch) and five additional field-identified control stations were used as checks. Δ P.I. 463+83 (NPS) 1962 was rejected upon the recommendation of the fieldman (tellurometer was not functioning properly in conjunction with this station). The resultant adjustment indicates that the bridge will meet the accuracy standards for 1:10,000 scales.

Submitted by:

W. Heinbaugh
W. Heinbaugh

Approved by:

Everett H. Ramey
Everett H. Ramey

OREGON INLET

PH. 6207

STRIP #75

T-11665

T-11672

35°52'30"

(-3.5, +6.0)

62W 4183

OREGON INLET
CHANNEL LT. 5
(1962)

PARK
(1962)

(+0.2, -6.6)
(+2.3, -7.5)

OREGON INLET LT.
(0.0, 0.0)

T-12133

T-12140

35°45'00"

25°37'30"

PI 463 188 (NPS) 1962
(REJECTED) (+8.2, -32.8)
(+1.5, -21.1)

DIKE, 1962
(-0.9, -0.2)
(-2.9, -0.7)

T-12147

35°41'15"

LEGEND

- ▲ Adjustment Control Stations
- △ Check Control Stations

PEA ISLAND
Tower, Aband.
(+1.2, -0.8)

PI 670 + 80 (NPS) 1962
(+1.6, -2.1)
(-2.4, -1.1)

SLUE, 1962
(+2.6, +4.7)
(0.0, -0.1)

62W 4195

25°31'45"

COMPILATION REPORT
T-11672

31. Delineation

The map was compiled on the Kelsh Plotter using the panchromatic photography. Black-and-white infrared photography was ratioed and used graphically to supplement the stereo compilation.

A transmission line, a telephone line, and several dikes were delineated by office interpretation.

The black-and-white infrared contact photography was used for field inspection. As a result of tone quality differences between the two types of photography, minor deviation from the field inspection was necessary in a few areas. These differences do not affect the accuracy of the map.

32. Control

Refer to the Photogrammetric Plot Reports bound with this Descriptive Report.

The placement, density, and identification of horizontal control was adequate.

Control identification cards (Form 152) were unavailable through the time of photogrammetric office review.

No building was found on the photography where BODIE ISLAND LIFE SAVING STATION CUPOLA, 1909 should have been. This station was considered destroyed and does not appear on the map.

33. Supplemental Data

Prior to the photogrammetric office review, an ozalid copy was made of the map and labeled "Discrepancy Sheet." Notes were made on the sheet where compilation data was questionable and forwarded to the Washington Office for clarification. All areas in question were resolved by notes made onto the sheet by the Washington Office and the map delineated accordingly. The "Discrepancy Sheet" supplements the field inspection and will be retained on file with other job data.

34. Contours and Drainage

Contours - None.

All significant drainage was compiled.

35. Shoreline and Alongshore Details

The mean high water line along the ocean side of Bodie Island from latitude 35°50.0' to the southern limit of the map was delineated using field measured distances between hydro signals and the shoreline. The measurements were recorded by the field party and will be retained as part of the field inspection data. The hydro signals (see item 38) were plotted onto the map using horizontal positions furnished by the field party. The balance of the shoreline inspection was adequate and the compilation of shoreline and along-shore details is believed to be complete and accurate.

The approximate mean low water line was delineated by analogy with a minimum of field data and by office interpretation of the photography.

No shoal lines are compiled on the map.

36. Offshore Details

No comment.

37. Landmarks and Aids

There are no landmarks nor fixed aids to navigation on the map.

38. Control for Future Surveys

Hydro signal stations, established primarily for hydro support, were plotted onto the map and were used as reference points from which to use field measurements in positioning the mean high water line. These hydro stations are to be omitted from the final registration copy of the map.

No Forms 524 for recoverable topographic stations were received in the Compilation Office.

39. Junctions

Refer to Form 76-36B, item #5, submitted with this Descriptive Report.

40. Horizontal and Vertical Accuracy

This map complies with National Map Accuracy Standards.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison has been made with USGS quadrangle of Oregon Inlet, N.C., scale 1:24,000, edition of 1953.

47. Comparison with Nautical Charts

A comparison has been made with Chart 1229, scale 1:80,000, Aug. 5, 1963.

Items to be Applied to Nautical Charts Immediately - None.

Items to be Carried Forward - None.

Submitted by:

E. L. Rolle
for B. Kurs

Approved and Forwarded:

E. L. Rolle
E. L. Rolle
Quality Control Group

FORM 182
(9-61)

50-

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T-11672

PROJECTION AND GRIDS ✓	2. TITLE ✓		3. MANUSCRIPT NUMBERS ✓	4. MANUSCRIPT SIZE ✓
CONTROL STATIONS	5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ✓		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS) None	
	7. PHOTO HYDRO STATIONS ✓	8. BENCH MARKS None	9. PLOTTING OF SEXTANT FIXES None	10. PHOTOGRAMMETRIC PLOT REPORT ✓
	11. DETAIL POINTS ✓			
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE ✓	13. LOW-WATER LINE ✓	14. ROCKS, SHOALS, ETC. None	15. BRIDGES None
	16. AIDS TO NAVIGATION None	17. LANDMARKS None	18. OTHER ALONGSHORE PHYSICAL FEATURES ✓	
	19. OTHER ALONGSHORE CULTURAL FEATURES ✓			
PHYSICAL FEATURES	20. WATER FEATURES ✓		21. NATURAL GROUND COVER ✓	
	22. PLANETABLE CONTOURS None		23. STEREOSCOPIC INSTRUMENT CONTOURS None	
	24. CONTOURS IN GENERAL None		25. SPOT ELEVATIONS None	
	26. OTHER PHYSICAL FEATURES ✓			
CULTURAL FEATURES	27. ROADS ✓	28. BUILDINGS None	29. RAILROADS None	
	30. OTHER CULTURAL FEATURES ✓			
BOUNDARIES	31. BOUNDARY LINES None		32. PUBLIC LAND LINES None	
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES ✓		34. JUNCTIONS ✓	
	35. LEGIBILITY OF THE MANUSCRIPT ✓	36. DISCREPANCY OVERLAY None	37. DESCRIPTIVE REPORT ✓	
	38. FIELD INSPECTION PHOTOGRAPHS ✓		39. FORMS ✓	
	SIGNATURE OF REVIEWER: R. Glaser		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT	
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT - Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.				
SIGNATURE OF COMPILER			SIGNATURE OF SUPERVISOR	

USE REVERSE SIDE FOR REMARKS

USCOMM-DC 25363-P61

REVIEW REPORT
T-11672
September 1976

61. General

The map was reviewed in its Class II (field inspected) stage by the Quality Control Group. The review consisted of an examination of the map, the field inspection data and its application, the reproduction negative and the Descriptive Report. 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

A comparison has been made with USGS quadrangle of Oregon Inlet, N.C., scale 1:24,000, edition of 1953. No significant changes were noted.

64. Comparison with Contemporary Hydrographic Surveys - None.

65. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

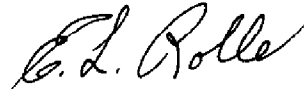
NOS No. 12204 (1229), scale 1:80,000, 20th edition, March 8, 1975.

NOS No. 12204 (129-SC), scale 1:40,000, 10th edition, March, 1976.

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:

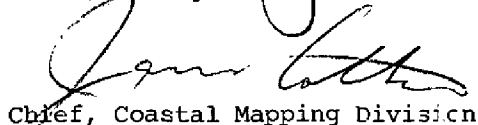


E. L. Rolle

Approved and Forwarded:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

48. Geographic Name List

The following names are from "Final Name Sheet" annotated by the Geographic Names Section on USGS quadrangle of Oregon Inlet, North Carolina:

Atlantic Ocean

Bodie Island

Dare County

Hatteras Road

North Carolina

N.C. 1001 (Hwy)

T-11672

National Archives Data

1 Discrepancy Sheet (Refer to item 33 of the Compilation Report)

3 Form 152 - Control Station Identification

Listings of Mean High Water Distances (Refer to item 35 of the
Compilation Report)

Field inspection photography: 62L2991-62L3027 thru 3030 - 62W4137
(All contacts)