

T-12133



T-12133

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-12133.....
Classification No. II Final Edition No. .1.....
Field Inspected Map

LOCALITY

State North Carolina.....
General Locality Oregon Inlet.....
Locality Old House Channel.....

1962 TO 1963

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Baltimore District Office OFFICER-IN-CHARGE Commander Miller J. Tonkel		SURVEY <u>PH-12133</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>II Final</u> JOB <u>PH-6207</u> LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH-_____</u> MAP CLASS <u>_____</u> SURVEY DATES: 19 <u> </u> TO 19 <u> </u>	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
May 28, 1962		May 14, 1962	
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 Polyconic		4. GRID(S) STATE <u>North Carolina</u> ZONE <u>N.A.</u> STATE <u> </u> ZONE <u> </u>	
5. SCALE 1:10,000			
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION Stereoplanigraph- METHOD: Bridging LANDMARKS AND AIDS BY		R. B. Kelly N.A.	9/62
2. CONTROL AND BRIDGE POINTS METHOD: Coordinateagraph PLOTTED BY CHECKED BY		L.A. Senasack H. R. Rudolph	9/62 9/62
3. STEREOSCOPIC INSTRUMENT COMPILATION PLANIMETRY BY CHECKED BY INSTRUMENT: Kelsh Plotter SCALE: 1:3,000 CONTOURS BY CHECKED BY		L. Neterev E. L. Rolle N.A. N.A.	10/62 10/62
4. MANUSCRIPT DELINEATION METHOD: Scribed SCALE: 1:10,000 PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY HYDRO SUPPORT DATA BY CHECKED BY		L.A. Senasack & J. Grogan E.L. Rolle N.A. N.A. N.A. N.A.	11/62 11/62
5. OFFICE INSPECTION PRIOR TO HYDROGRAPHIC Hydro Support		E. L. Rolle N.A.	4/63
6. APPLICATION OF FIELD EDIT DATA CHECKED BY		N.A.	
7. COMPILATION SECTION REVIEW BY		R. Glaser	7/63
8. FINAL REVIEW BY		E. L. Rolle	9/76
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		E. L. Rolle	9/76
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. T. Cater	11/76

T-12133

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "L" & "W" - 6 " Focal Length		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED B&W		TIME REFERENCE	
TIDE STAGE REFERENCE <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	
62W(P) 4153-4157	5/3/62	1452	1:20,000	+0.4' MLW	
62W(P) 4174-4176	5/3/62	1504	1:15,000	+0.6' MLW	
62L(I) 3014	5/3/62	1500	1:15,000	+0.5' MLW	
62L(I) 3030	5/3/62	1512	1:15,000	+0.6' 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
T-11665	T-12140	Water Area	Water Area

REMARKS

3

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

T-12133

HISTORY OF FIELD OPERATIONS

1. ☒ 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 ESTABLISHED BY N.A. XXXXXXXXXX IDENTIFIED BY I. Y. Fitzgerald	7/62
3. VERTICAL CONTROL	RECOVERED BY I. Y. Fitzgerald ESTABLISHED BY I. Y. Fitzgerald XXXXXXXXXX IDENTIFIED BY I. Y. Fitzgerald	7/62
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY I. Y. Fitzgerald LOCATED (Field Methods) BY I. Y. Fitzgerald IDENTIFIED BY I. Y. Fitzgerald	7/62
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY I. Y. Fitzgerald	7/62
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
62W4157	Club, 1933	62W4156	Duck Island Club East Gable, 1962
62W4156	Fun, 1962		
62W4156	Ducky, 1962		

3. PHOTO NUMBERS (Clarification of details)

Field Inspection photos: 62L3014 and 62L3030

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

One landmark and four nonfloating aids were photo identified.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
62W4154	Old House Channel Lt. 2, 1962		
62W4155	Oregon Inlet Junction Lt., 1962		
62W4155	Roanoke Sound Channel Lt. 1, 1962		
62W4156	Roanoke Sound Channel Lt. 2, 1962		
62W4156	Duck Island Club East Gable, 1962		

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)

NOAA FORM 76-36C
(3-72)

★ U. S. GOVERNMENT PRINTING OFFICE: 1973--768074/1057 REGION NO. 6

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

RECORD OF SURVEY USE

T-12133

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	9/25/63	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. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES. (Baltimore)
 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)

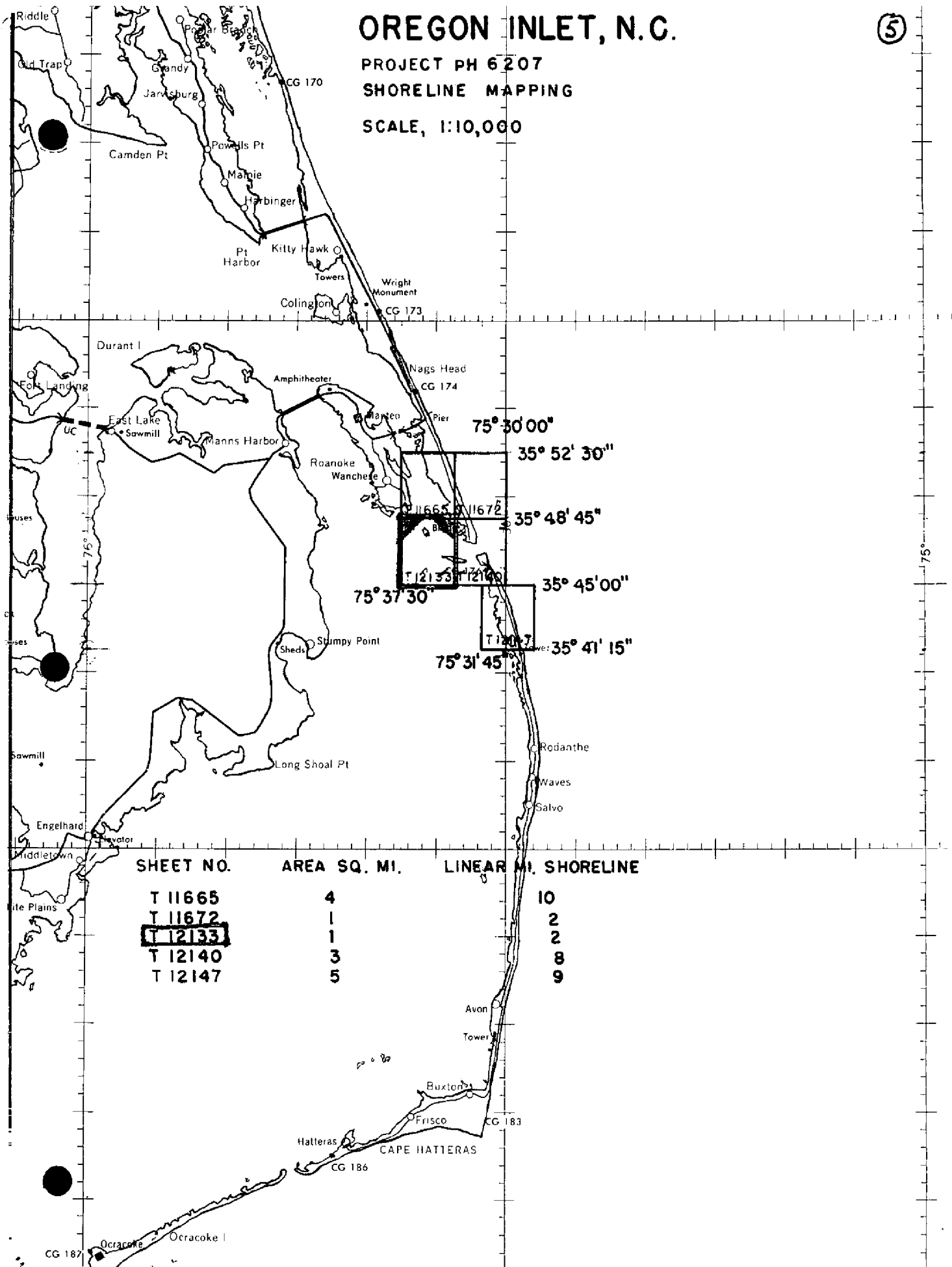
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/>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

OREGON INLET, N.C.

5

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.

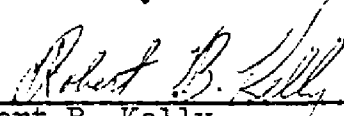
Negatives for each map are filed in the Reproduction Division. All field data are filed in the National Archives.

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

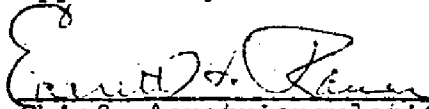
A eleven model bridge covering portions of T-12133, T-12140, T-11665 and T-12172 was run in order to control a hydrographic survey in the Oregon Inlet Area. This bridging was required after the recent severe storm on the East Coast.

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:

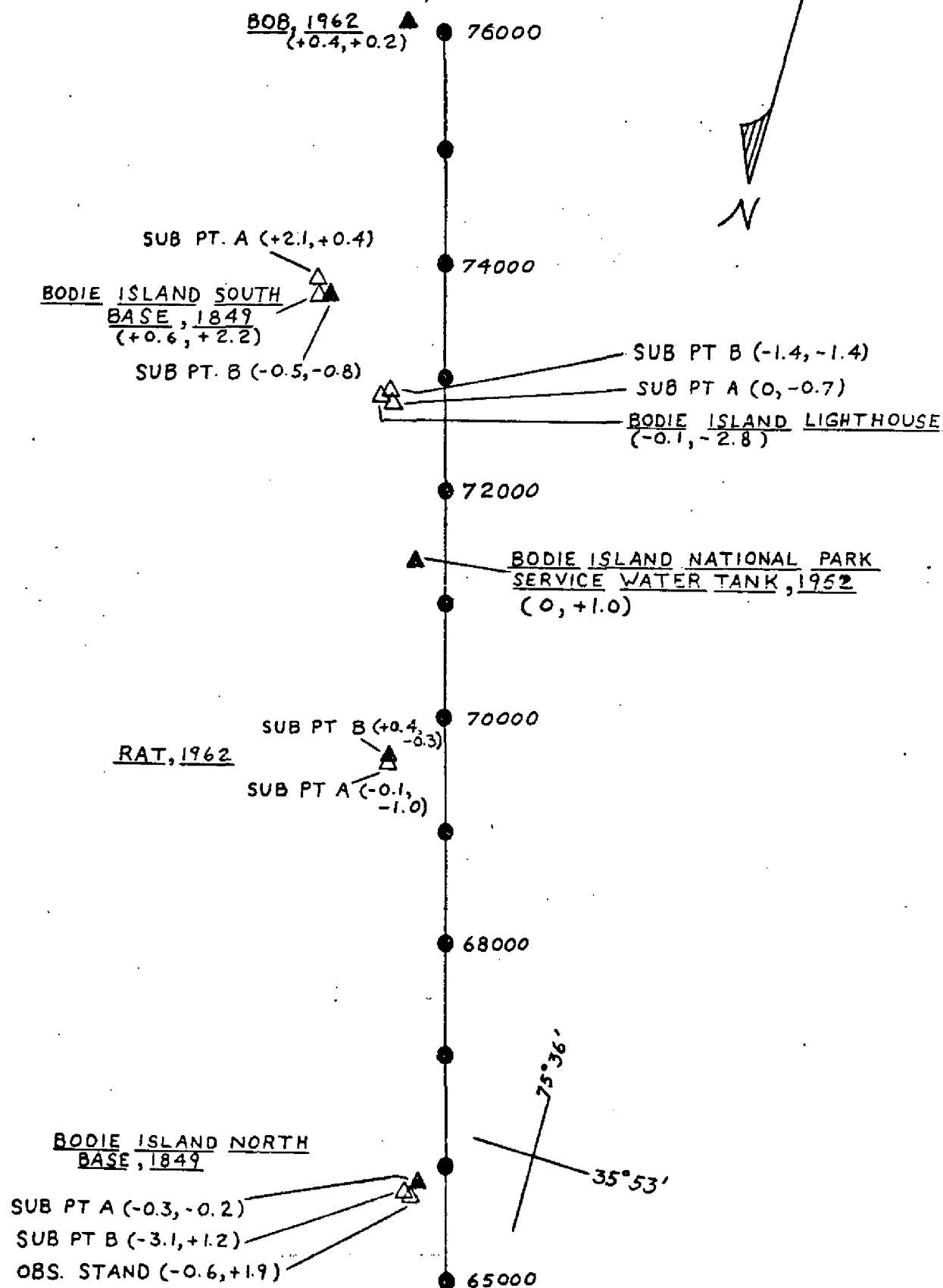

Robert B. Kelly

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 identity. This was verified by the instrument operator.

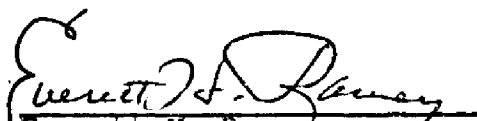
Note to Compiler:

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

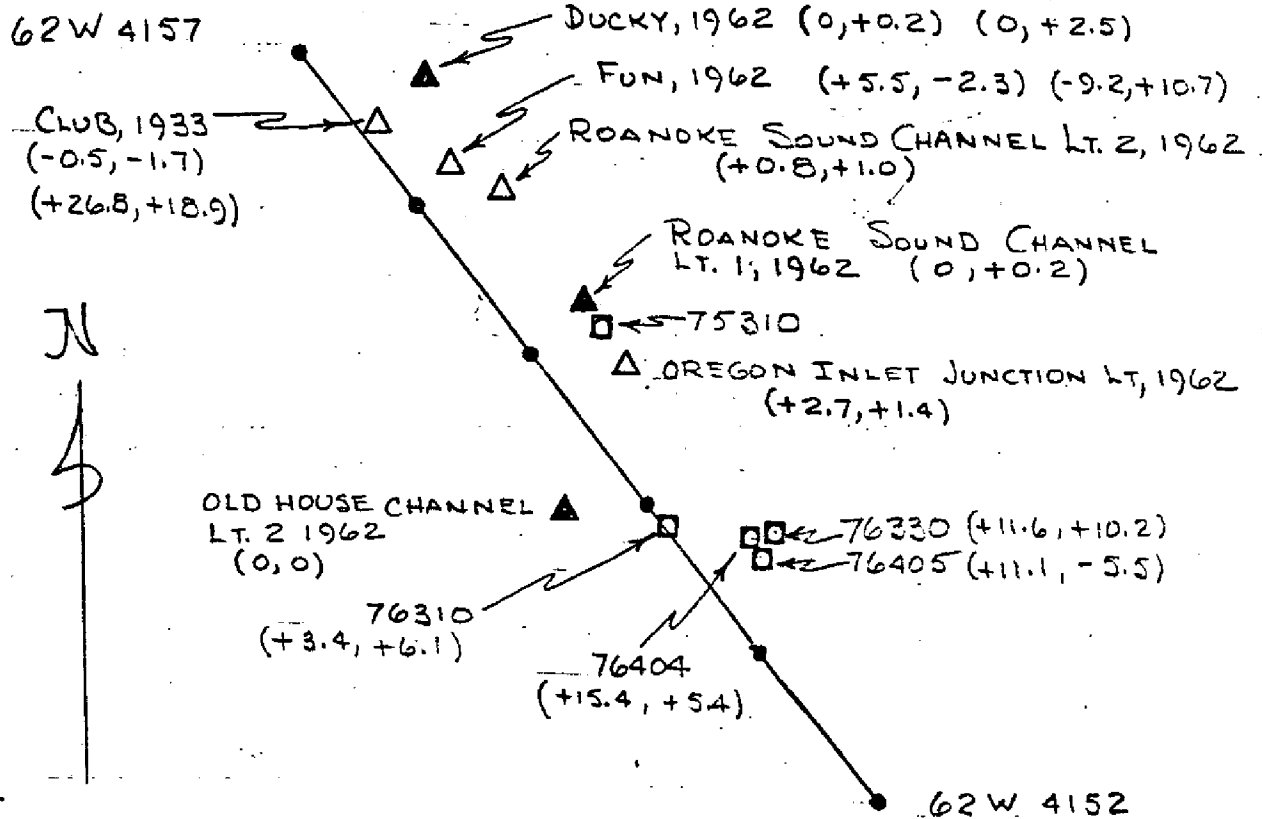
AEROTRIANGULATION SKETCH

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-5207
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+88 (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

(13)

T-11665

T-11672

35°52'30"

(-3.5, +6.0)

62W4183

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)

62W4195

25°31'45"

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
					PH-6207	N.A. 1927	COORDINATES IN FEET	GEOGRAPHIC POSITION	
					STATE	ZONE	φ LATITUDE	λ LONGITUDE	
T-12133	OLD HOUSE CHANNEL LIGHT 3, 1962 ✓	Field Data			X=	3,015, 815.00 ✓	φ		
	Y=				756, 795.78 ✓	λ			
	OLD HOUSE CHANNEL LIGHT 2, 1962 ✓	Form 709			X=	3,014, 211.81 ✓	φ		
	Y=				754, 087.37 ✓	λ			
	OLD HOUSE CHANNEL LIGHT 6, 1962 ✓	Field Data			X=	3,010, 542.69 ✓	φ		
	Y=				748, 230.71 ✓	λ			
	ROANOKE SOUND CHANNEL LIGHT 2, 1962 ✓	Form 709			X=	3,013, 228.48 ✓	φ		
	Y=				762, 846.09 ✓	λ			
	DUCK ISLAND CLUB EAST GABLE, 1962 ✓	Field Data			X=	3,010, 448.00 ✓	φ		
	Y=				763, 684.80 ✓	λ			
	DUCKY, 1962 ✓	Form 709			X=	3,010, 237.15 ✓	φ		
	Y=				763, 942.40 ✓	λ			
	CLUB, 1933	Vol. 1 Pg. 224 ✓			X=	3,009, 291.04 ✓	φ		
	Y=				762, 653.01 ✓	λ			
	FUN, 1962. ✓	Form 709			X=	3,011, 067.43 ✓	φ		
	Y=				761, 775.37 ✓	λ			
	ROANOKE SOUND CHANNEL LIGHT 1, 1962 ✓	Form 709			X=	3,014, 960.42 ✓	φ		
	Y=				760, 900.10 ✓	λ			
	OREGON INLET JUNCTION LIGHT, 1962 ✓	Form 709			X=	3,016, 448.47 ✓	φ		
	Y=				759, 460.12 ✓	λ			
COMPUTED BY	L.A. Senasack			DATE	9/18/62	COMPUTATION CHECKED BY	L.O. Neterer	DATE	9/18/62
LISTED BY	E.L. Rolle			DATE	8/16/76	LISTING CHECKED BY	D.M. Brunt	DATE	8/17/76
HAND PLOTTING BY	L.A. Senasack			DATE	9/20/62	HAND PLOTTING CHECKED BY	B. Kurs	DATE	9/20/62

COMPILATION REPORT
T-12133

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.

Except for a minimum of field inspection on Little Tim Island and Duck Island, the map was compiled from office interpretation of the photography.

32. Control

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

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

Sub. Pt. "B" for station CLUB, 1933 did not hold in either the aerotriangulation bridging or the Kelsh model.

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

Field inspection of the shoreline was minimal, but the compilation of shoreline and alongshore details is believed to be complete and accurate.

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

36. Offshore Details

No comment.

37. Landmarks and Aids

The field inspection party did not prepare Forms 567. Field computed positions of all fixed aids to navigation were received, making it possible for the compilation office to initiate Forms 567. Copies of these forms were forwarded to the Nautical Chart Division prior to office review. There are no landmarks on the map.

Walter Slough Light 2 was established after field inspection and therefore no position was available for plotting on the map.

Walter Slough Light 1 (reported on Form 567) was subsequently removed from the map as indicated on the "Discrepancy Sheet." (See item 33.)

Positions for the following aids were neither submitted by the field party for plotting on the map, nor were they reported on the office initiated Form 567:

Old House Channel Daybeacon 2A
Old House Channel Junction Daybeacon
Oregon Inlet Channel Daybeacon 14

38. Control for Future Surveys

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:

for *E. L. Rolle*
B. Kurs

Approved and Forwarded:

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

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Original

17

50 -

T- 12133

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. ✓	15. BRIDGES None
	16. AIDS TO NAVIGATION ✓	17. LANDMARKS ✓	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 None	28. BUILDINGS ✓	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 P. Alaser		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 25353-P61

REVIEW REPORT
T-12133
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. The comparison shows that many of the spoil areas compiled on the map along Walter Slough and Old House Slough do not appear on the quadrangle.

64. Comparison with Contemporary Hydrographic Surveys - None.

65. Comparison with Nautical Charts

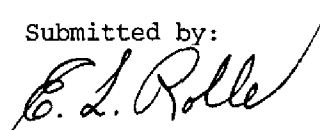
A comparison has been made with the following nautical charts:

NOS No. 12204 (1229), scale 1:80,000, 20th edition, March 8, 1975.
NOS No. 12205 (129-SC), scale 1:40,000, 10th edition, March 1976.

66. Adequacy of Results and Future Surveys

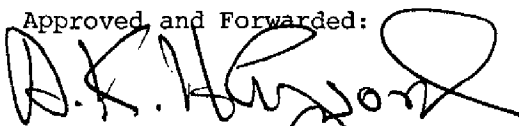
This map meets the National Standards of Map Accuracy and complies with compilation instructions and Bureau requirements.

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:

Dare County

Duck Island

Herring Shoal Island

Little Tim Island

North Carolina

Old House Channel

Pamlico Sound

Smith Creek

Smith Island

Walter Slough

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
TO BE DELETED

STRIKE OUT TWO

Baltimore, Maryland

May 27, 1963

I recommend that the following objects which have (~~been~~^{not been}) inspected from seaward to determine their value as landmarks be charted on (~~the~~^{the}) charts indicated.

The positions given have been checked after listing by Leroy A. Senasack

Miller J. Tonkel *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 25412-P61

STRIKE OUT TWO

NON-FLUORESCENT AIDS OR LANDMARKS FOR CHARTS

Baltimore, Md.

Sept. 24 1963

I recommend that the following objects which have ~~(been inspected from seaward to determine their value as landmarks be~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the charts indicated)~~ the charts indicated.

The positions given have been checked after listing by R. Glaser

M. J. Tonkel

Chief of Party:

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

**** TABULATE SECONDS AND METERS**

USCOMM-DC 25412-P61

T-12133

National Archives Data

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

11 Form 152 -Control Station Identification

Field inspection photography: 62L3014 and 62L3030 (All contacts)