

TP-00513

TP-00513

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. ... CM-7395 ..... Map No. ... TP-00513 .....  
Classification No. .... Edition No. .... 1 .....  
Field Edited Map

## LOCALITY

State ... North Carolina .....  
Cape Hatteras to  
General Locality ... Cape Lookout .....  
Locality ... Core Banks .....

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19 74 TO 19 75

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## REGISTRY IN ARCHIVES

DATE .....



## TYPE OF SURVEY

☒ ORIGINAL☐ RESURVEY☐ REVISED

SURVEY TP- 00513

MAP EDITION NO. 1

MAP CLASS Final (F.E.)

JOB ~~RH~~ CM-7305

## DESCRIPTIVE REPORT - DATA RECORD

## PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division, Norfolk, VA

## 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

Aerotriangulation Sept. 3, 1974  
Compilation Nov. 6, 1974

## 2. FIELD

Jan. 10, 1974  
March 5, 1975

## 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

*Lambert Conformal*  
~~Polyconic~~

## 4. GRID(S)

STATE

North Carolina

ZONE

## 5. SCALE

1:20,000

STATE

ZONE

## III. HISTORY OF OFFICE OPERATIONS

OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY	M. McGinley	Oct., 1974
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp CHECKED BY	R. Robertson	Oct., 1974
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	L.O. Neterer, Jr.	Feb., 1975
INSTRUMENT: Wild B-8	G. Vanderhaven	Feb., 1975
SCALE: 1:7,500	NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	C. Blood	Feb., 1975
CHECKED BY	F. Margiotta	Feb., 1975
CONTOURS BY	NA	
CHECKED BY	NA	
METHOD: Smooth drafted	NA	
SCALE: 1:20,000	NA	
HYDRO SUPPORT DATA BY	NA	
CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	F. Margiotta	Feb., 1975
6. APPLICATION OF FIELD EDIT DATA BY	Charles Parker	Apr., 1975
CHECKED BY	C. Blood	Apr., 1975
7. COMPILATION SECTION REVIEW BY	C. Blood	Apr., 1975
8. FINAL REVIEW BY	A.L. Shands	Oct., 1976
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	A.L. Shands	Jan., 1977
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	R.T. CATOR	MAR. 1977



NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00513  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" & RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED X		ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74E(C)(I)4477-4485	4/1/74	15:10	1:15,000	3.3 ft. above MLW	
* 74C(C)(I)8801-8802	4/1/74	14:00	1:60,000	+0.2 ft. of MHW	
* 74C(C)(I)9025-9026	4/7/74	11:53	1:60,000	+0.2 ft. of MLW	

REMARKS \*Tide coordinated photographs

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled graphically from the above listed tide coordinated photographs taken at MHW.

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

The mean low water line was compiled graphically from the above listed tide coordinated photographs taken at MLW.

## 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-00511	No Survey	No Survey	TP-00514

REMARKS

NOAA FORM 76-36C  
(3-72)

TP-00513

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	R. Tibbetts	Mar., 1974
2. HORIZONTAL CONTROL	RECOVERED BY R. Tibbetts	Mar., 1974
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY R. Tibbetts	Mar., 1974
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74E(C)(I) 4480	RODGUN, 1960		
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: <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 (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			
1 Form 152 Control Station Identification 1 Form 526 Recovery Note			

NOAA FORM 76-36C  
(3-72)



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

TP-00513

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Robert S. Tibbetts	Mar. 1975
2. HORIZONTAL CONTROL	RECOVERED BY Robert S. Tibbetts ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	Mar. 1975
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None LOCATED (Field Methods) BY None IDENTIFIED BY J.D. DiMare	Feb. 1975
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 None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA.

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

74C(C)(I)  
9025

CHIMNEY

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)

1 Field Edit Report

1 Field Edit Ozalid

2 Form 526 Recovery Note

1 Form 76-40 Landmarks and Aids

NOAA FORM 76-36D  
(3-72)TP-00513  
RECORD OF SURVEY USEU. 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	Feb., 1975	Class III Manuacript	3/7/75	2/12/75
Compilation complete field edit applied	Apr., 1975	Class I Manuscript	5/12/75	
Final Review	Oct., 1976		2/8/77 2/8/77	

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		5/15/75	Landmark for Charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: May 15, 19753. ☐ 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~~ 76-40 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	

Landing of a boat 11/10/00

JOHN JOE PH-4

35°20'00"

SAVANNAH NATIONAL WILDLIFE REFUGE

76°

35°15'00"

02

35°10'00"

75°10'00"

TP-00509

Hatteras

TP-00507

TP-00508

35°05'00"

TP-00510

35°00'00"

75°40'00"

75°25'00"

75°15'00"

RESTRICTED  
R-5306A

TP-00511

TP-00512

34°50'00"

34°48'00"

75°05'00"

TP-00514

TP-00513

34°40'00"

34°38'00"

JOHN JOE CM-7219

11/10/00

Official Mileage for Cost Accounts

Sheet No. Sq. Miles

TP-00507	8
TP-00508	4
TP-00509	4
TP-00510	6
TP-00511	3
TP-00512	6
TP-00513	4
TP-00514	6

Total 41

JOHN CM-7305

CAPE HATTERAS TO CAPE LOOKOUT  
NORTH CAROLINA  
SHORELINE MAPPING  
SCALE 100,000

76°

IC COASTAL AIR DEFENSE ID



SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS

TP-00507 thru TP-00514

Project 7305 is the most northerly of several projects which make up the Southern Coastal Plains Expedition (SCOPE). It consists of eight (8) 1:20,000 scale manuscripts covering the outer coastline from Cape Hatteras south to a position just north of Cape Lookout. The original instructions dated November 6, 1974 Item 5.01 called for the compilation of "standard shoreline maps". None of the manuscripts in this project can be considered "standard shoreline maps" because in each case only the outer shoreline which borders the Atlantic Ocean was delineated.

To facilitate bridging and the setting of stereo models on the Wild B-8 stereo-plotter it was necessary to fly photography at 1:15,000, 1:20,000 and 1:30,000 scales because most of the area consists of a very narrow coastal band. In addition, 1:60,000 scale tide coordinated photography was flown at mean high and mean low water from which the mean high and mean low water lines were graphically delineated. (See Item 31 of the Compilation Report). All photography was taken with the RC-8 and RC-10 cameras using color infrared film.

Field work prior to compilation consisted of pre-marking and recovery of horizontal control for bridging and the observation and recording of tide data.

Bridging was done in the Rockville office using the Wild STK-1 in October, 1974. Ratio prints of the 1:60,000 scale tide coordinated photography were ordered at that time.

Compilation was done at the Atlantic Marine Center in April, 1975. Models of the bridging photography were set on the Wild B-8 stereo-plotter from which details above the MHWL were compiled and points common to the tide coordinated ratios were dropped. The MHWL and MLWL were delineated graphically using the tide coordinated ratios supplied for that purpose.

Field edit was accomplished during February through April, 1975.

Final review was done in October, 1976 at the Atlantic Marine Center.

The original stabilene base manuscripts, each 10 minutes in latitude and 10 minutes in longitude, were forwarded to the Rockville office for reproduction of registration copies.

No field inspection report was submitted.



PHOTOGRAMMETRIC PLOT REPORT  
Job CM-7305  
Cape Hatteras to Cape Lookout  
North Carolina  
October 1974

21. Area Covered

This project covers the shoreline from Cape Lookout to just north of Cape Hatteras. Included are eight T-sheets (TP-00507 thru TP-00514). All sheets are 1:20,000 scale.

22. Method

Five strips of color IR photography with varying scales were bridged on the Wild STK-1 in order to obtain pass point positions and exact scale ratios to be used during compilation.

Strip 1 (1:15,000 scale) was adjusted on four field-identified triangulation stations with one additional triangulation station and two tie points as checks. Strip 2 (1:20,000 scale) was adjusted on five field-identified triangulation stations with three additional triangulation stations and six tie points as checks. Strip 3 (1:30,000 scale) was adjusted on three field-identified triangulation stations with one additional triangulation station and four tie points as checks. Strip 4 (1:30,000) was adjusted on four field-identified triangulation stations and one tie point with five additional triangulation stations and nine tie points as checks. Strip 5 (1:15,000 scale) was adjusted on three field identified triangulation stations and one tie point with seven additional triangulation stations and five tie points as checks. All adjustments were performed on the IBM 6600. All sheets were ruled and plotted on the Coradomat.

1:20,000 scale ratios were ordered.

23. Adequacy of Control

The horizontal control utilized in the adjustments held within National Map Accuracy.

24. Supplemental Data

Vertical control for bridging only was obtained from local USGS quads.

25. Photography

Photography was adequate as to overlap, definition, and coverage.

Approved by:

*John D. Perrow, Jr.*  
John D. Perrow, Jr.

Chief, Aerotriangulation Section

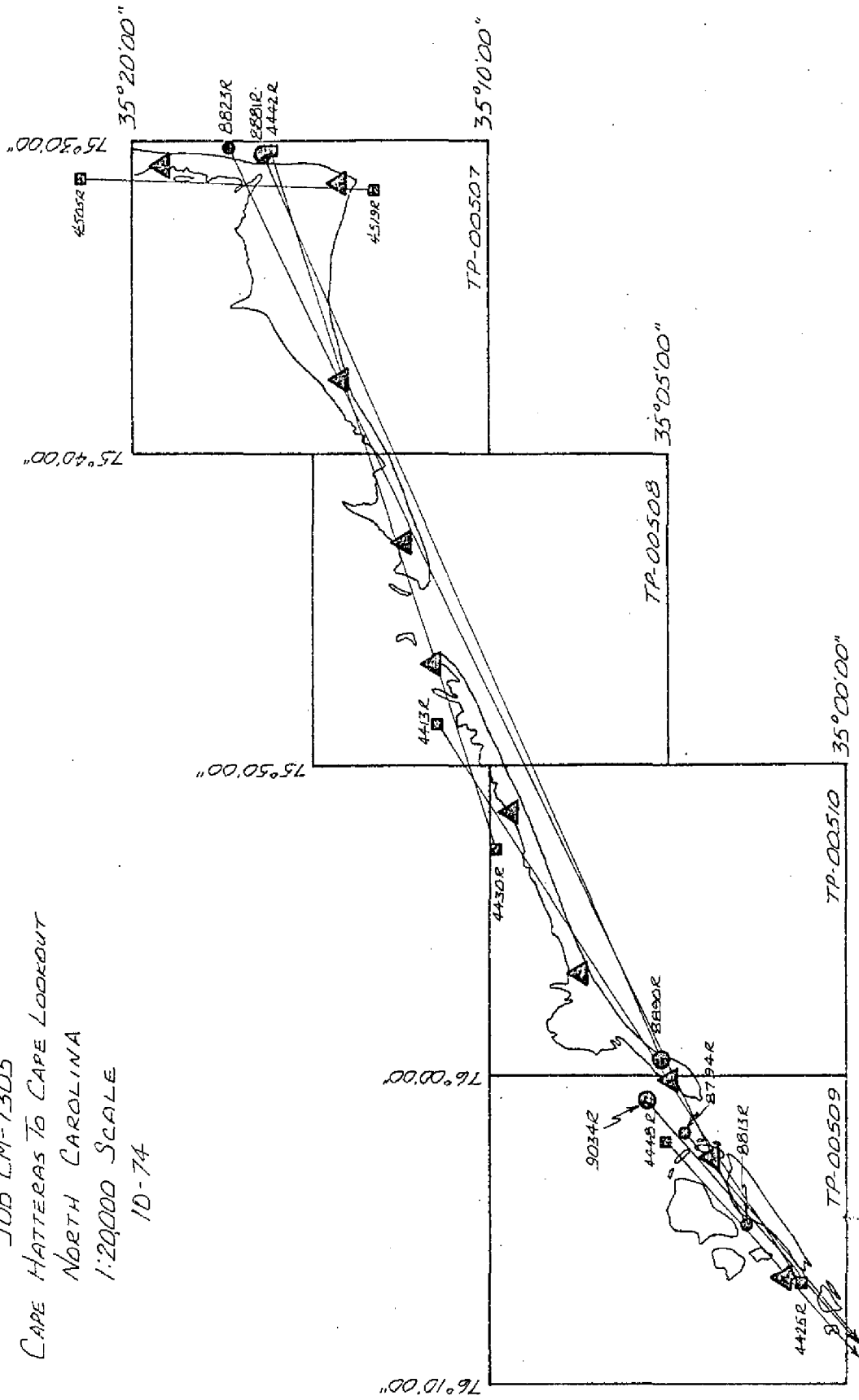
Submitted by:

*Michael E. McGinley*  
Michael E. McGinley

## Note to Compiler

Strip 3 could not be bridged beyond model 74-E(C)-4420/4421. Image points were selected for pass points on photo 4421 to be used for scaling and orientating the photo for delineating the point of land not covered in the bridge. The image points selected are pricked on contact print 4421. A ratio photo of 4421 was ordered at 1:20,000.

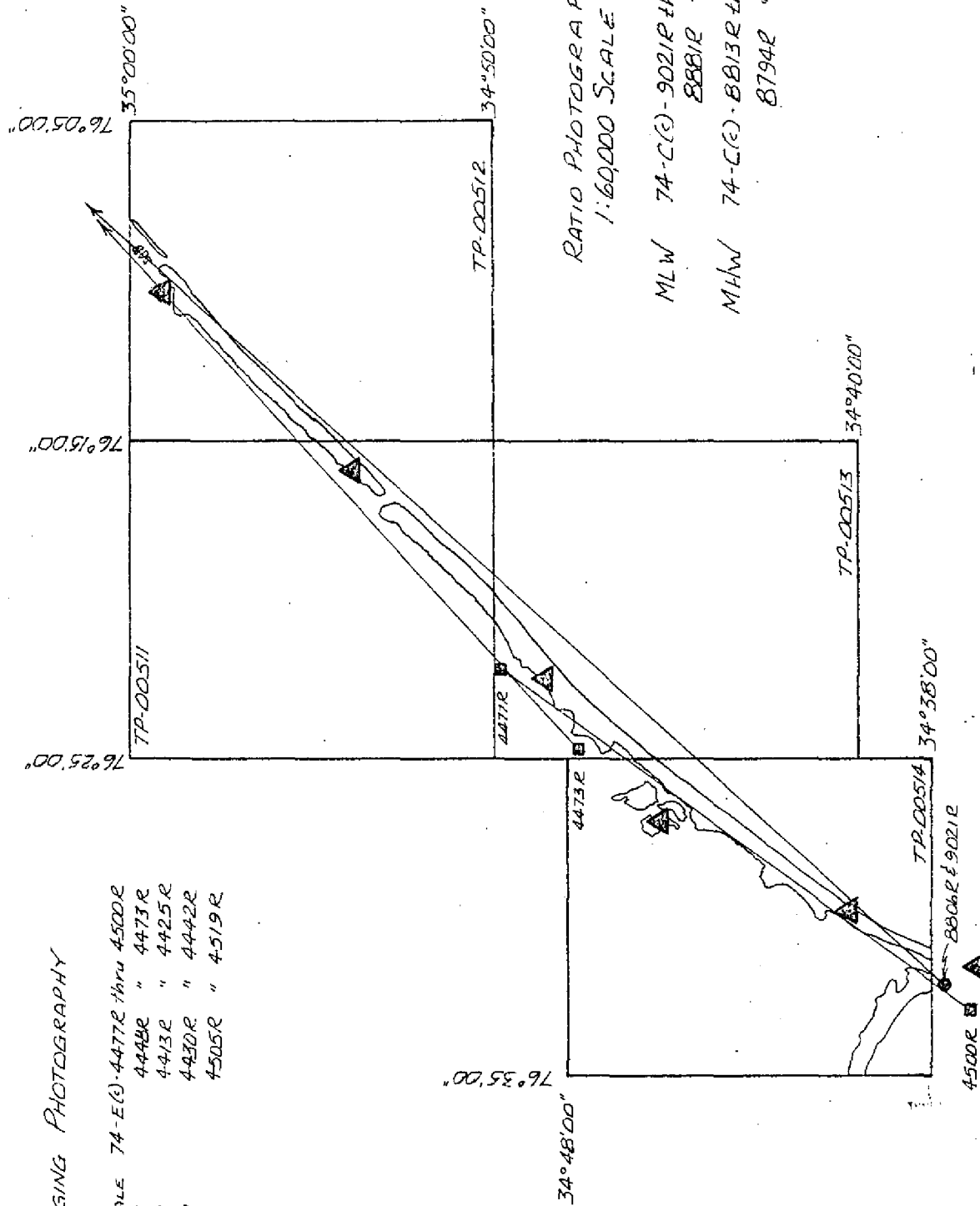
JOB CM-7305  
 CAPE HATTERAS TO CAPE LOOKOUT  
 NORTH CAROLINA  
 1:20,000 SCALE  
 10-74





# BRIDGING PHOTOGRAPHY

STRIP 1 1:15000 SCALE 74-E(1)-4477R thru 4500R  
 STRIP 2 1:20000 " 4448R " 4473R  
 STRIP 3 1:30000 " 4413R " 4425R  
 STRIP 4 1:30000 " 4430R " 4442R  
 STRIP 5 1:15000 " 4505R " 4519R



## RATIO PHOTOGRAPHY

1:60,000 SCALE

MLW 74-C(1)-9021R thru 9034R  
 8881R " 8890R  
 MHW 74-C(1)-8813R thru 8823R  
 8794R " 8806R

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	CM-7305	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
				STATE	ZONE		$\phi$	$\lambda$	$\phi$	$\lambda$	Coastal Mapping Division, Atlantic Marine Center	REMARKS
TP-00513	RODGUN, 1960	G.P. Vol. III Pg. 7					X=		$\phi$ 34 48	11.6074	Forward	Back
							Y=		$\lambda$ 76 22	28.4279	357.7 (1491.2)	722.6 (802.6)
	GREAT, 1960	G.P. Vol. III Pg. 6					X=		$\phi$ 34 46	25.7284	792.8 (1057.1)	
							Y=		$\lambda$ 76 24	02.1060	53.6 (1472.1)	
							X=		$\phi$			
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## COMPILATION REPORT

TP-00513

31. DELINEATION

Except for the MHWL and MLWL, details were delineated with the Wild B-8 stereoplotter. The MHWL and MLWL were delineated graphically using 1:60,000 scale color infrared photography ratioed to map scale. This photography was tide coordinated.

32. CONTROL

See the attached Photogrammetric Plot Report, dated: Oct., 1974.

Control for the graphic delineation mentioned in Item 31 above was provided by common points dropped from the B-8 models.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. No drainage was delineated.

35. SHORELINE AND ALONGSHORE DETAILS

The MHWL, MLWL and inshore sand limit were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

Two wrecks are indicated on Chart 1233 they are not visible on the photography. These were called to the hydrographer's attention.



37. LANDMARKS AND AIDS

A copy of Form 76-40 was forwarded to the field editor for verification and correction.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See Form 76-36b, Item #5 of this Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U.S.G.S. Quadrangles Styron Bay, NC, and Davis, NC each scaled 1:24,000, dated 1951.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 11254, scale 1:40,000, 41st edition dated December 16, 1972.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

*Charles Blood*

Charles E. Blood  
Cartographic Technician  
Feb., 1975

Approved:

*Albert C. Rauck, Jr.*

Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00513

FIELD EDIT

Field edit was Adequate.

22 Oct. 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7305 (Cape Hatteras to Cape Lookout, N.C.)

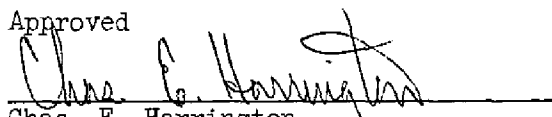
TP-00513

Atlantic Ocean

Core Banks

Raleigh Bay

Approved

  
Chas. E. Harrington

Staff Geographer--C51x2

FORM C&GS-1002  
(9-66)U.S. DEPARTMENT OF COMMERCE  
ESSA  
COAST AND GEODETIC SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

T- 00513

1. PROJECTION AND GRIDS FM	2. TITLE FM	3. MANUSCRIPT NUMBERS FM	4. MANUSCRIPT SIZE FM
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FM	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA		7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES X	10. PHOTOGRAMMETRIC PLOT REPORT FM	11. DETAIL POINTS FM
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE FM	13. LOW-WATER LINE FM	14. ROCKS, SHOALS, ETC. FM	15. BRIDGES FM
16. AIDS TO NAVIGATION FM	17. LANDMARKS FM	18. OTHER ALONGSHORE PHYSICAL FEATURES FM	19. OTHER ALONGSHORE CULTURAL FEATURES FM
PHYSICAL FEATURES			
20. WATER FEATURES FM		21. NATURAL GROUND COVER NA	22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES FM
CULTURAL FEATURES			
27. ROADS FM	28. BUILDINGS FM	29. RAILROADS FM	30. OTHER CULTURAL FEATURES FM
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES FM		34. JUNCTIONS FM	35. LEGIBILITY OF THE MANUSCRIPT FM
36. DISCREPANCY OVERLAY X	37. DESCRIPTIVE REPORT FM	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS FM
40. REVIEWER <i>F. Margiotta</i> F. Margiotta		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> A.C. Rauck, Jr.	
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>g.t. Shand for</i> Charles Parker 4/1/75		SUPERVISOR <i>Albert C. Rauck, Jr.</i> A.C. Rauck, Jr.	
Re: C. Blood <i>C Blood</i> 4/7/75			
43. REMARKS See Form 76-36c for field edit source data.			

Field Edit Report  
TP-00513 Job CM - 7305

51. METHODS

The manuscript was inspected by driving the beach by truck and all questions were answered on the Field Edit Ozalid. All field edit data will be found on the field edit ozalid and photo 9025. One landmark which was measured by tape is recommended and Form 76-40 is submitted. All known triangulation stations were searched for and reported on Form 526.

52. ACCURACY OF COMPILATION

Adequate after application of field edit information.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

*Joseph D. Di Mare*  
Joseph D. Di Mare  
Surveying Aid





## REVIEW REPORT TP-00513

## SHORELINE

October 28, 1976

61. GENERAL STATEMENT:

See Summary which is pages 6 and 6a of this Descriptive Report.

A comparison print showing the differences noted in Paragraphs 62, 63 and 65 is attached to the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a copy of T-8740 S/2 and T-8741 N/2 scale 1:10,000 dated 1947. Significant differences are noted on the comparison print in blue pencil.

In the area compiled survey TP-00513 supersedes T-8740 S/2 and T-8741 N/2 which are the latest registered surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles Davis, NC and STYRON, NC both scale 1:24,000, dated 1951. Significant differences are noted on the comparison print in brown pencil.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No comparison was made. Contemporary hydro surveys were not available at AMC during final review. This reviewer was informed by the Verification Branch, AMC that these surveys do not include inshore soundings above the 14 ft. depth. No request was made to the Rockville Office for copies.



65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11545, scale 1:40,000 dated January 10, 1976, 4th edition. Significant differences are noted on the comparison print in red pencil.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Instructions - OFFICE - Job CM-7305 dated Nov. 6, 1974, except it is not a standard shoreline map, (See first paragraph of Summary).

This map meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted:

*A.L. Shands*

A.L. Shands  
Cartographer  
October 28, 1976

Approved for forwarding:

*Joseph W. Vonasek*

Joseph W. Vonasek  
Chief, Photogrammetric Branch, AMC

Approved:

*[Signature]*

Chief, Photogrammetric Branch

*[Signature]*

Chief, Coastal Map. Div.

TP-00513

x=2,790,000FT.  
22'

76°21'

16  
a

469310

470310

Sand

N Marsh K S

MHWL on chart  
same as Topo

MHWL USGS Quad same as on Topo

CHIMNEY  
ht=24 (29)  
RODGUN, 1960

Trail

Marsh

Sand

34°48'

BAY

TP-00513  
Comparison Print  
1:20,000 Scale

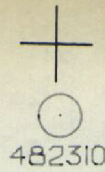
Brown line from Quad  
Blue line || Topo  
Red || Chart



y=390,000 FT.

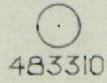
TP-00513

16b

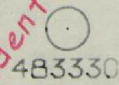


482310

34° 47'

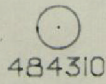


483310



483330

GREAT, 1960

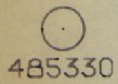
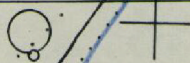


484310

46'

y=380,000 FT.

Tank



485330

45'

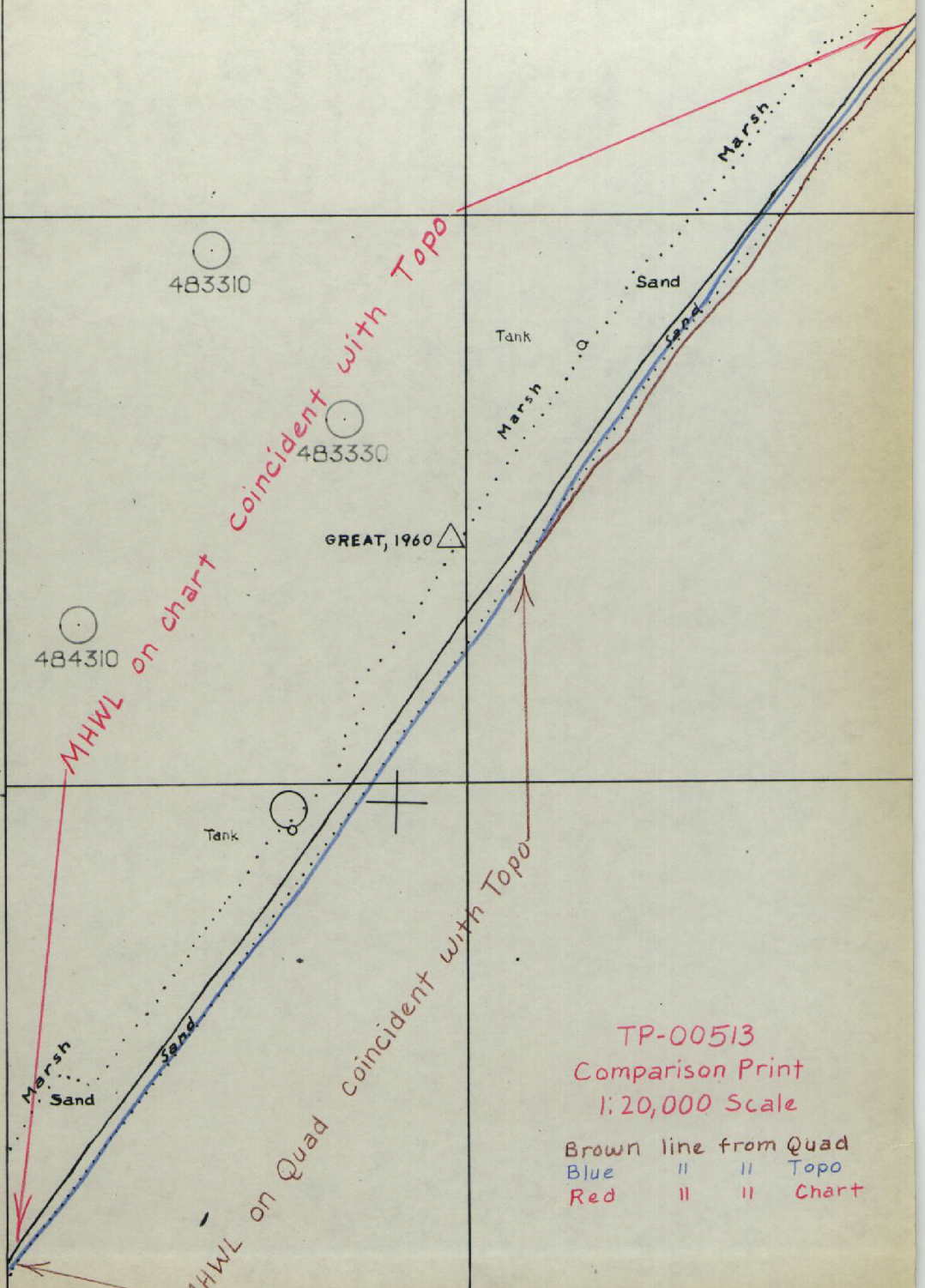
76° 24'

MHWL on chart coincident with Topo

MHWL on Quad coincident with Topo

TP-00513  
Comparison Print  
1:20,000 Scale

Brown line from Quad  
Blue    "    "    Topo  
Red     "    "    Chart





## RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

00513

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]