

TP-00698

TP-00698

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-7219 Map No. TP-00698
Classification No. Edition No. 1
Field Edited Map

LOCALITY

State North Carolina
Cape Fear to
General Locality Cape Lookout
Locality Ocean City Beach

1972 TO 1974

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		-- TYPE OF SURVEY		SURVEY TP. <u>00698</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>Final (FE)</u>	
				<input type="checkbox"/> REVISED		JOB <u>BBB</u> <u>CM-7219</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Division, Norfolk, VA				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Jeffrey G. Carlen, Cdr.				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Dec. 4, 1972 Aerotriangulation				Sept. 15, 1972			
Apr. 4, 1973 Compilation				Sept. 28, 1972 Amend. I			
Apr. 6, 1973 Amend. I				Sept. 21, 1973			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION				4. GRID(S)			
Polyconic				STATE North Carolina		ZONE	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				J.E. Schad		3/21/73	
METHOD: Stereoplanigraph							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Phillips		3/21/73	
METHOD: Calcomp. CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				Frank Margiotta		4/1973	
COMPILATION CHECKED BY				L.O. Neterer		4/1973	
INSTRUMENT: Wild B-8				CONTOURS BY		NA	
SCALE: 1:20,000				CHECKED BY		NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				W.C. Gilbert		5/1973	
Wild B-8 and graphic				CHECKED BY		A.C. Rauck, Jr.	
METHOD: Smooth drafted				CONTOURS BY		NA	
				CHECKED BY		NA	
SCALE: 1:20,000				HYDRO SUPPORT DATA BY		NA	
				CHECKED BY		NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A.C. Rauck, Jr.		5/1973	
6. APPLICATION OF FIELD EDIT DATA BY				R.R. White		1/1975	
				CHECKED BY		A.L. Shands	
7. COMPILATION SECTION REVIEW BY				A.L. Shands		1/1975	
8. FINAL REVIEW BY				C.H. Bishop		5/1976	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY							
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY							
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R.T. CATDR		AUG 1976	

NOAA FORM 76-36B
(3-72)TP-00698
COMPILATION SOURCESU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E", RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED <input checked="" type="checkbox"/>		TIME REFERENCE	
TIDE STAGE REFERENCE HAMPTON ROADS New River Inlet				ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES				MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> REFERENCE STATION RECORDS					
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY					

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
* 72E(C)6716 - 6718	20 OCT 72	13:29	1:40,000	0.9 ft. above MLW
** 73C(C)(I)4793-4795	15 OCT 73	11:25	1:60,000	+0.2 ft. of MHW
** 73C(C)(I)6149-6151	11 NOV 73	14:15	1:60,000	+0.2 ft. of MLW

REMARKS

*Bridge and compilation photos.

**Tide coordinated photos at MHW and MLW, based on predicted tides.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from office interpretation of the 1972 color photography listed under 1. above and updated graphically by use of the 1973 tide coordinated infrared* photographs taken at MHW when they became available.

*Based on predicted tides.

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

The mean low water line was compiled graphically from office interpretation of the tide coordinated*infrared photographs listed in 1. above.

*Based on predicted tides.

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-00692	No Contempor- ary Survey	No Contem- porary Survey	TP-00697

REMARKS

NOAA FORM 76-36C
(3-72)

TP-00698

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	P.B. Walbolt	Jul, 1974
2. HORIZONTAL CONTROL	RECOVERED BY P.B. Walbolt ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	Jul, 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 P.B. Walbolt LOCATED (Field Methods) BY NA IDENTIFIED BY NA	Jul, 1974
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

NA

PHOTO NUMBER

STATION NAME

PHOTO NUMBER

STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION ~~XXXXXX~~ Verified

Data for objects verified are listed under 8. below.

PHOTO NUMBER

OBJECT NAME

PHOTO NUMBER

OBJECT NAME

TOWER ht 50(58)

TOWER ht 32(40)

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)

- 2 Form 76-40 Landmarks for Charts
- 1 Field Edit Ozalid (Discrepancy Print)
- 1 Field Edit Report

NOAA FORM 76-36D
(3-72)TP-00698
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	May, 1973	Class III Manu- script Superseded	None	5/8/73
Field edit applied Compilation complete	Jan., 1975	Class I Manuscript Superseded	6/3/75	
Final Review	May, 1976			

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2	None	3/17/75	Landmarks to be Charted
2	None	3/17/75	Landmarks to be Deleted

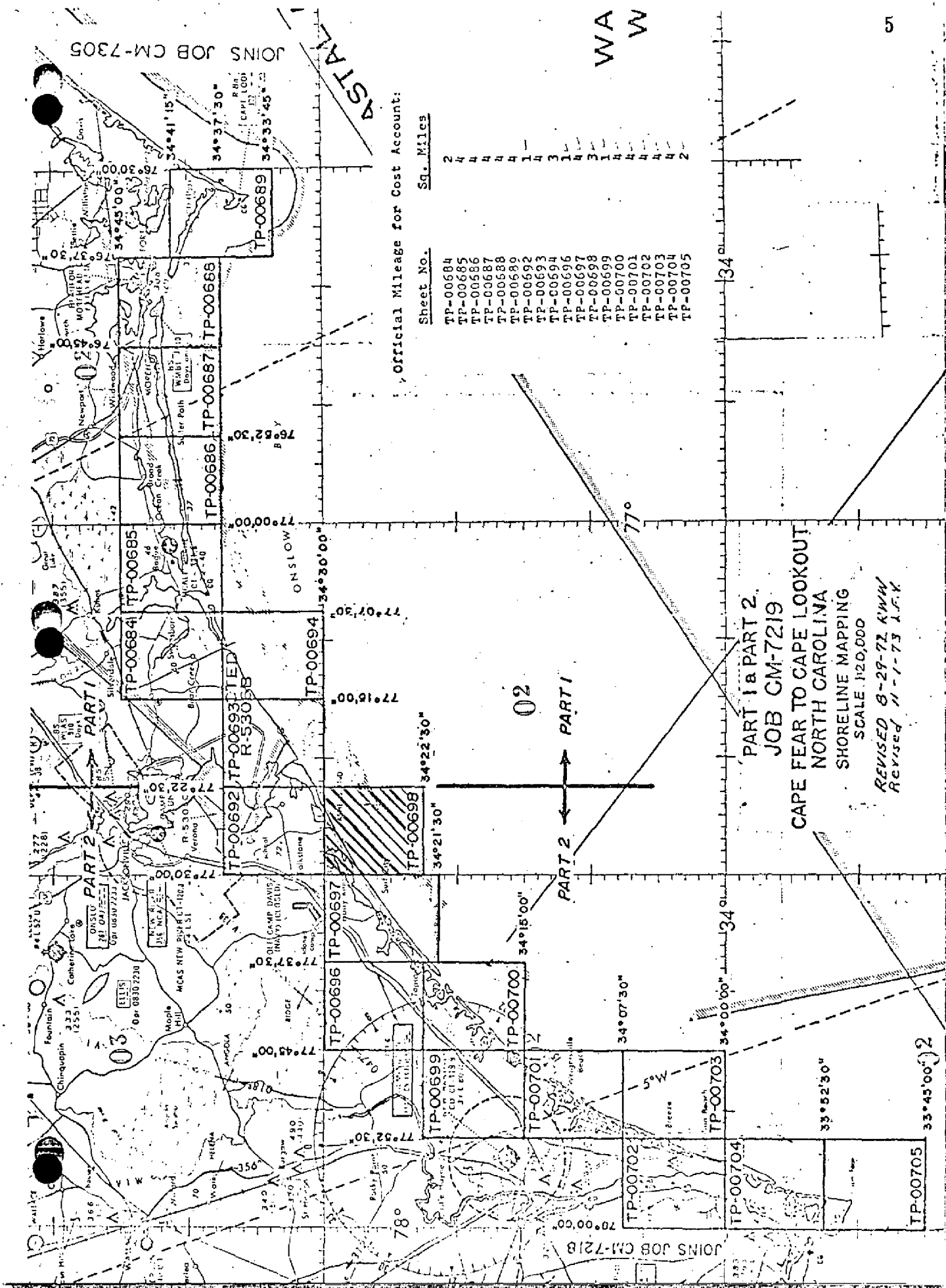
2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 3/17/75
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~XXX~~ 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	



SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS TP-00692 and TP-00697 through TP-00705

Project CM-7219 is one of several projects that comprise the Southern Coastal Plains Expedition (SCOPE). It is a 1:20,000 scale shoreline mapping project which contains eighteen maps. Except for Map TP-00705, the maps referred to in this summary are not standard shoreline surveys because compilation was limited to the ocean shoreline only, per Instructions - OFFICE - Job CM-7219, Part II, Cape Fear to Cape Lookout, North Carolina, Shoreline Mapping, dated 4/4/73, Items 4.03 and 4.04. The entire area of TP-00705 was mapped; it was copied from a reduction of 1:10,000 scale Map TP-00683 (Job CM-7218) which covers the same area.

This summary is for Part II of the project. It covers the area between New River Inlet and Cape Fear.

Field work prior to compilation consisted of recovery and premarking horizontal control required for bridging and the obtaining of beach profiles. These profiles were not made within the time limit specified in instructions dated September 28, 1972 and were too widely spaced. Therefore, they were considered of no value and were not used as a source for mean high or mean low water lines.

Bridging was done in the Rockville Office in March 1973 using the Zeiss C-8 stereoplanigraph with 1:40,000 scale photography dated October 20, 1972. See Photogrammetric Plot Report following this summary.

Compilation was done at the Atlantic Marine Center in April and May 1973, using the 1972 bridging photography for compilation of interior details and initial compilation of the mean high water line. Later, at the time field edit was applied and the tide coordinated infrared photography (based on predicted tides) was available, the mean high water line was corrected where necessary, to agree with the photographs taken at MHW and the mean low water line was delineated graphically from the MLW photographs.

Field edit was done in May and July 1974, except for the area covered by TP-00705, which was edited in August 1973.

Final review was done at the Atlantic Marine Center in March through June 1976.

The original manuscripts were stabilene sheets $7\frac{1}{2}$ minutes in latitude by $7\frac{1}{2}$ minutes in longitude.

A cronaflex positive copy and a negative of each final reviewed map were forwarded for record and registry.

7

Photogrammetric Plot Report
Job CM-7219
Cape Fear - Cape Lookout, North Carolina
Part II
March 21, 1973

21. Area Covered

The area covered in this report extends along the North Carolina shoreline from Cape Fear to the vicinity of New River Inlet. Included in this area are 11 T-sheets: TP-00692; TP-00696 thru TP-00705; all are at 1:20,000 scale.

22. Method

Two strips of 1:40,000 color photography were bridged on the Zeiss C-8 stereoplanigraph and adjusted by the IBM computer. The two strips were used to obtain pass point positions for the models and to determine the scale ratio for strips #4, #5, and #6.

Compilation points were positioned on strip #5 to set photos 72E(c) 6756 thru 6760.

Strip #1 (72E(c) 6722 thru 6739) was adjusted on four field identified triangulation stations with five office identified stations as checks.

Strip #2 (72E(c) 6706 thru 6720) was adjusted on five triangulation stations, three tie points and three triangulation stations were used as checks. All horizontal tie points were averaged. T-sheets were ruled on North Carolina plane coordinates and plotted on the Coradomat.

23. Adequacy of Control

Horizontal control complied with project instruction and held within the National Map Accuracy Standard.

24. Supplemental Data

All vertical control needed for adjustment was taken from USGS quadrangles and are approximate mean sea level. The vertical points obtained by bridging are not necessarily true values.

25. Photography

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

Respectfully submitted

James E. Schad
James E. Schad

Approved by:

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

Chief, Aerotriangulation Section

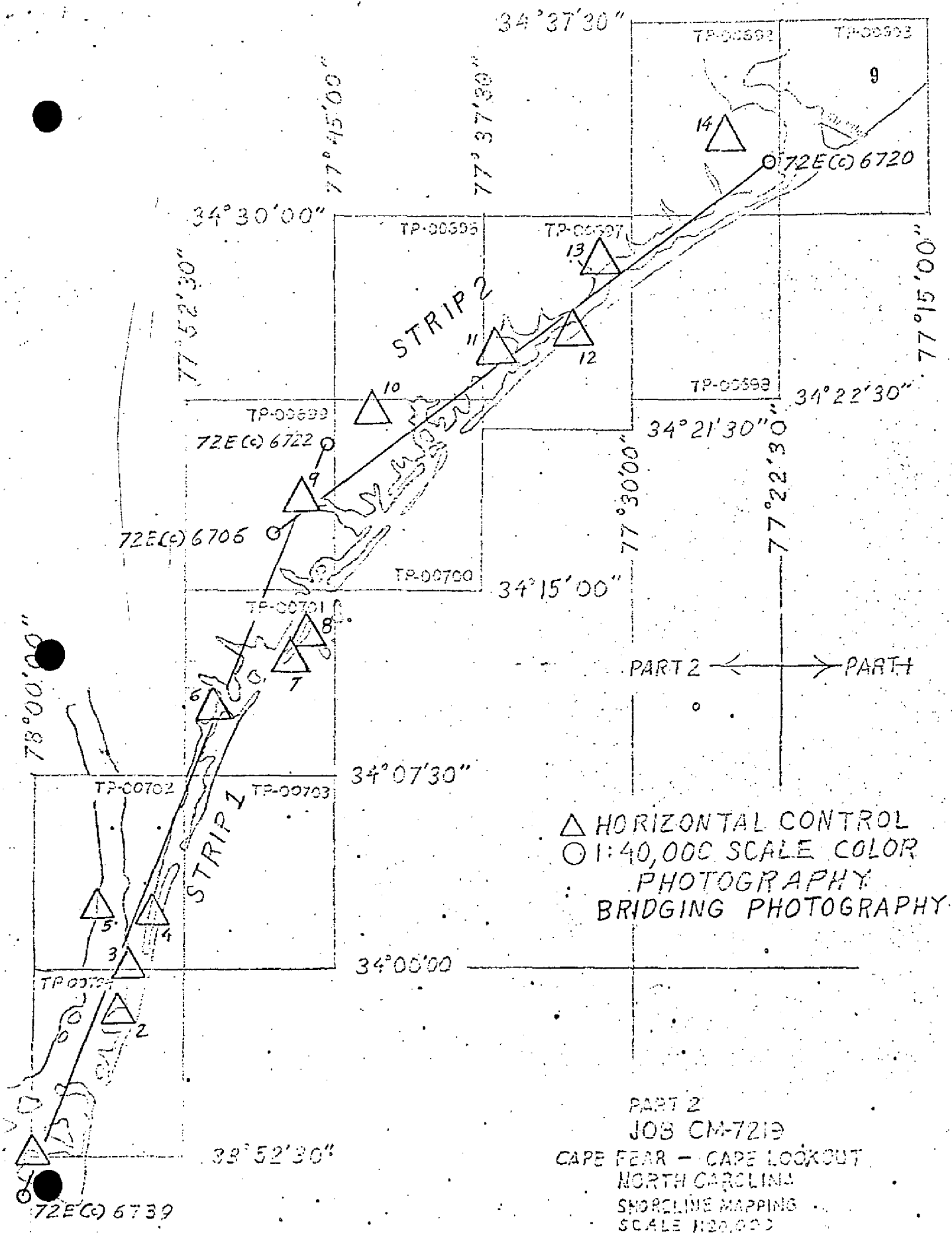
Notes to Compiler
Job CM-7219
Cape Fear - Cape Lookout, North Carolina

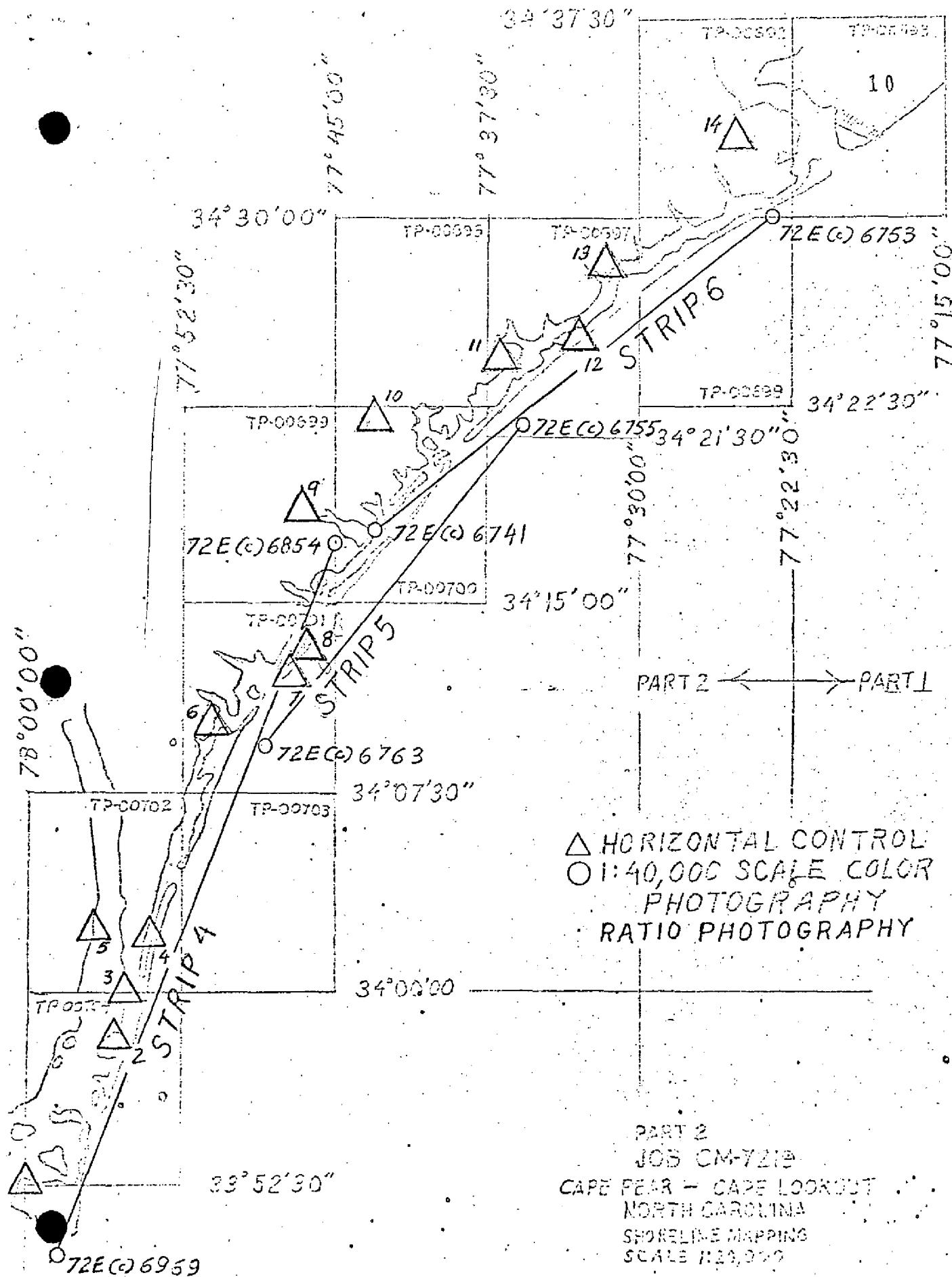
The shoreline area from the vicinity of Mason Inlet to New Topsoil Inlet (TP-00700) must be compiled from strip #5 (72E(c)6756 thru 6760) either by setting the models or by graphic methods. In order to control this area, "900" series points were determined from bridging strip #2.

Beach cross section points, which were field identified on black/white contact print, have been horizontally positioned from bridging strips #1 and #2 and are identified with "400" series numbers.

Strip # 1	Photo number	Field number
	25401	01-02 (68E 3232)
	25400	03-03 (68E 3232)
	26400	01-01 (68E 3419)
	31400	02-01 (68E 3428)
Strip #2	10400	00-01 (68E 3244)
	14400	97-01 (68E 3249)
	16400	97-02 (68E 3252)
	18400	98-02 (68E 3270)
	19400	98-01 (68E 3272)

Rather of strips 4, 5, and 6 were ordered
JWP





JOB CM-7219

KEY TO HORIZONTAL CONTROL
USE FOR BRIDGING.

1. BALD HEAD LIGHTHOUSE, 1851
2. FEDERAL POINT, 1913
3. KURE BEACH W.T., 1913
4. CAROLINA BEACH MUN. W.T., 1968
5. RUINS, 1917
6. MASON, 1918
7. WRIGHTSVILLE BEACH SOUTH MUN. W.T., 1962
8. WRIGHTSVILLE BEACH NORTH MUN. W.T., 1962
9. KIRKLAND, 1932
10. HAMPSTEAD 2, 1947
11. ATKINSON, 1914
12. SEARS LANDING, TANK 1943
13. BETHEA, 1932
14. GRANT, 1932

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	CM-7219	GEODETTIC DATUM		COORDINATES IN FEET STATE <u>North Carolina</u> ZONE _____	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS
				TP-00698	CM-7219		φ	λ		
TOWER SEVEN, 1947		Vol. III P. 2879				x=	φ 34 28 38.11384	1174.4	(674.4)	
						y=	λ 77 27 06.62550	169.1	(1362.0)	
						x=	φ 34 29 54.730	1686.4	(162.4)	
TOWER EIGHT, 1947		G-7163 P. 606				y=	λ 77 24 21.073	537.6	(993.1)	
						x=	φ 34 27 13.837	426.4	(1422.4)	
						y=	λ 77 29 48.212	1230.7	(300.8)	
TOWER SIX, 1947		GP Vol. II P. 606				x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
						x=	φ			
						y=	λ			
COMPUTED BY A.C. Rauck, Jr.						COMPUTATION CHECKED BY W.C. Gilbert				
LISTED BY						LISTING CHECKED BY				
HAND PLOTTING BY						HAND PLOTTING CHECKED BY				
						DATE 3/29/73				DATE 5/1/73
						DATE				DATE
						DATE				DATE

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00698

31. DELINEATION

This map was not delineated as a standard shoreline survey. See Summary, page 6 of this Descriptive Report.

Delineation was by the Wild B-8 stereoplotter, using the 1:40,000 scale color photography taken on October 20, 1972 (bridging photography). Only the outer coast was mapped, per Instructions - OFFICE - dated April 4, 1973, Par. 4.03.

32. CONTROL

See Photogrammetric Plot Report, dated: Mar. 21, 1973.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. No drainage was mapped.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

Preliminary Forms 76-40, Nonfloating Aids or Landmarks for Charts, were prepared by the Compilation Office and forwarded to the Field Editor and/or the Hydrographer for verification, location, or deletion.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See Form 76-36b, item #5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY

No Statement

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangle: Spicer Bay, N.C., scale 1:24,000, dated 1952.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Survey Chart: 833-SC, tenth edition, dated March, 1973, scale 1:40,000. C&GS 1235, 9th ed., dated May 1, 1971.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Albert C. Rauck, Jr. For
W.C. Gilbert, 4/2/73
Cartographic Aid

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-00698

FIELD EDIT

Field edit of this map is complete.

At the time of field edit application, the mean high water line compiled from the 1972 color photographs was verified by comparison with the tide-coordinated* high water photography listed on Form 76-36b 1, and corrected if necessary. The mean low water line was delineated graphically, using the tide coordinated* low water photography listed on Form 76-36b 1.

*Based on predicted tides.

Charles H. Bishop
Charles H. Bishop
Final Reviewer
24 May 1976

16 Oct. 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7219 (Cape Fear to Cape Lookout, N.C.)

TP-00698

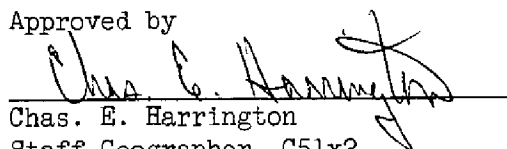
Atlantic Ocean

Ocean City Beach

Onslow Bay

Sea Haven Beach

Approved by


Chas. E. Harrington
Staff Geographer--C51x2

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW TP -00698			
1. PROJECTION AND GRIDS ACR	2. TITLE ACR	3. MANUSCRIPT NUMBERS ACR	4. MANUSCRIPT SIZE ACR
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ACR	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	10. PHOTOGRAMMETRIC PLOT REPORT ACR	11. DETAIL POINTS ACR
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ACR	13. LOW-WATER LINE ACR	14. ROCKS, SHOALS, ETC. ACR	15. BRIDGES ACR
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES ACR	19. OTHER ALONGSHORE CULTURAL FEATURES ACR
PHYSICAL FEATURES			
20. WATER FEATURES ACR		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 ACR
CULTURAL FEATURES			
27. ROADS ACR	28. BUILDINGS ACR	29. RAILROADS ACR	30. OTHER CULTURAL FEATURES ACR
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ACR		34. JUNCTIONS ACR	35. LEGIBILITY OF THE MANUSCRIPT ACR
36. DISCREPANCY OVERLAY ACR	37. DESCRIPTIVE REPORT ACR	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS ACR
40. REVIEWER Albert C. Rauck Jr, 5/1972 <i>Albert C. Rauck, Jr.</i>		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert 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 R.R. White <i>R.R. White</i> 1/1975		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Rev. by: A.L. Shands 1/1975			
43. REMARKS <i>Field Edit applied from:</i> The field edit ozalid and two 76-40 forms.			

FIELD EDIT FOR SHEET TP-00698
OCEAN CITY BEACH; Job CM-7219, part 2

51. METHODS

This manuscript was inspected by truck, by walking the beach, and by boat. As per Paragraph 2 of Letter C344 dated 28 May 1974, it was determined that no extensive changes have occurred.

52. ACCURACY OF COMPILATION

The accuracy is good.

54. RECOMMENDATIONS

The geographic name "West Onslow Beach" should be applied to the northeast portion of the beach, as is indicated on the manuscript. Two Landmarks are recommended for charting, one has been destroyed, and one is recommended for deletion as it is inconspicuous from seaward. This deletion has been discussed with the Operations Officer of the NOAA Ship Pierce. The names of two triangulation stations were inverted on the office manuscript; they have been corrected on the map. Two NOAA Forms 76-40 are submitted for this sheet. Tidal NO 2, Ocean City Pier Tidal Station, was discovered while doing the Field Edit. It is pricked on photo 22 Oct 72E6749.

Philip B. Walbolt

Philip B. Walbolt
Chief, Photo Party 63

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

**U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
CHARTS**

LANDMARKS FOR CHARTS

[illegible]

[illegible]

REVIEW REPORT TP-00698

SHORELINE

May 24, 1976

61. GENERAL STATEMENT:

See Summary, which is page 6 of this Descriptive Report.

A comparison print showing differences noted in par. 62, 63, and 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-9401, 1:10,000 scale, dated January 1955. The land area has been developed since T-9401 was mapped. Shoreline differences are shown in blue on the comparison print.

In the area mapped, TP-00698 supersedes prior registered surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle SPICER BAY, N.C., 1:24,000 scale, dated 1952, photorevised in 1971. Shoreline differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11541, 1:40,000 scale, 12th edition, dated March 1975. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Instructions - OFFICE - Job CM-7219, Part II, Cape Fear to Cape Lookout, North Carolina,

Shoreline Mapping, and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted:

Charles H Bishop

Charles H. Bishop
Cartographer
May 24, 1976

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

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for A. H. Heywood

Chief, Photogrammetric Branch

H. L. Shinn

Chief, Coastal Mapping Div.

77° 30' 00"

29'

23

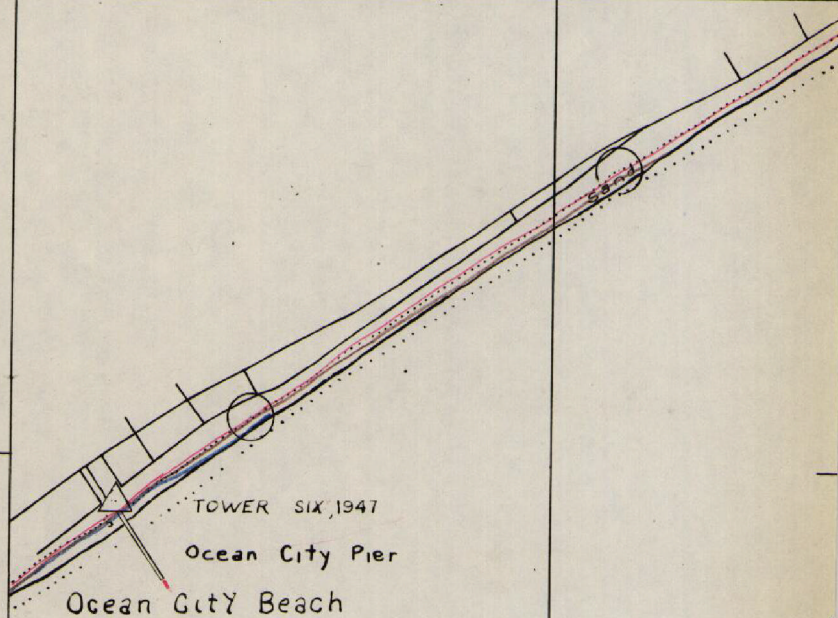
29'

Y=270.000 FT.

34° 28'

Y=260.000 FT.

27'



COMPARISON PRINT

Blue = T-9401

Brown = USGS

Red = Chart 11541

TP-00698
1:20,000

60,000 FT.

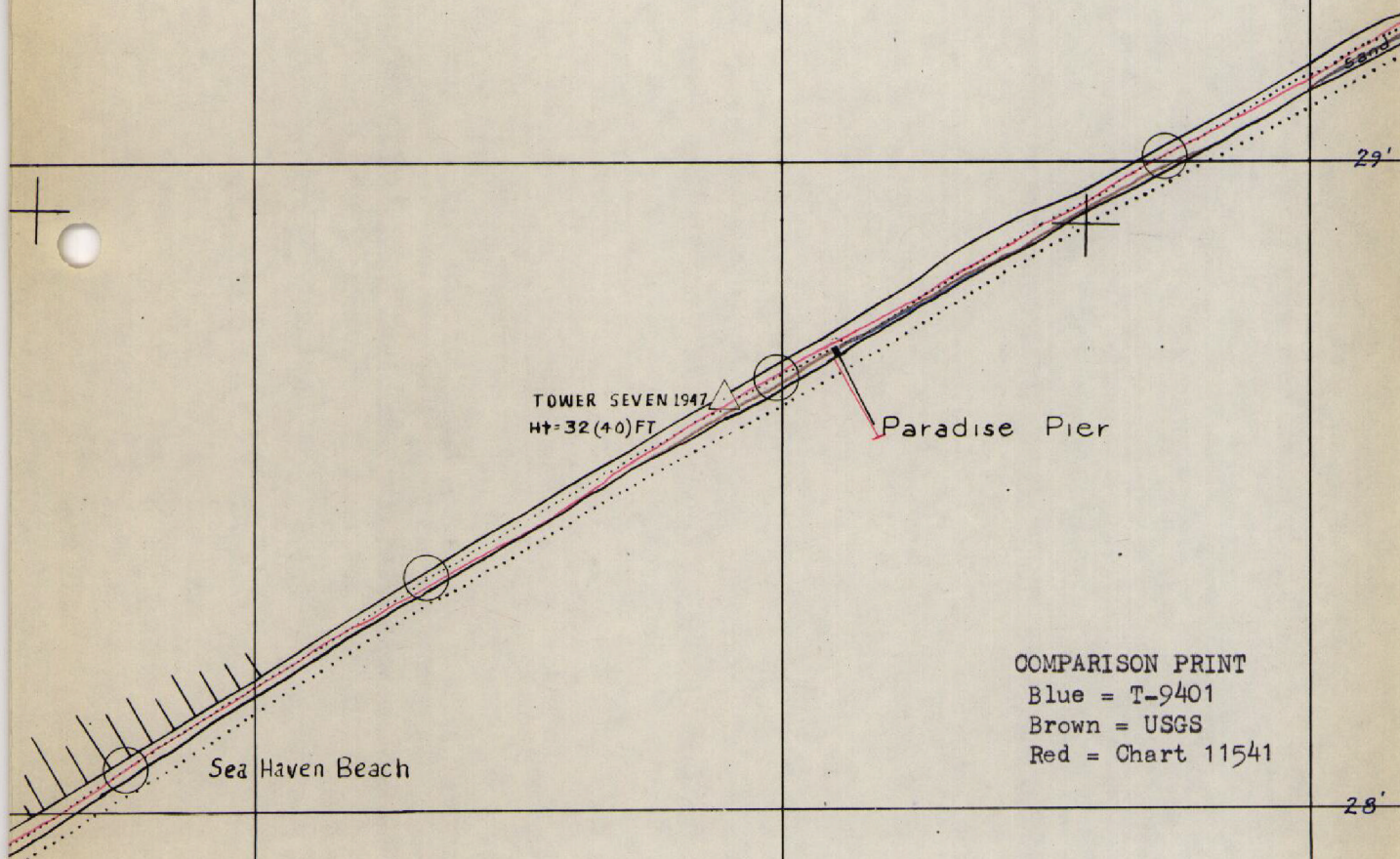
x = 2,470,000 FT.

28'

77° 27'

26'

34° 30' 00"



"The ph
offshc
may
reviewed
st.

TP-00698
1:20,000

X = 2,480,000 FT.

77°25'

24'

34°30'00"

TOWER, EIGHT, 1947
HT = 50 (58) FT

N.C. 210

22'



COMPARISON PRINT

Blue = T-9401
Brown = USGS
Red = Chart 11541

28'

NOTE:

Photogrammetric location and delineation of features are from the mean high-water line on this survey and are not complete or final. The contemporary hydrographic survey of the area where available, should be consulted for the final delineation."

TP-00698
1:20,000

