# F 12293 (2)

#### NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

# **DESCRIPTIVE REPORT**

Type of SurveySnoreline	) 
Job No. PH-7019	Map No. T-12293(2)
Classification No.	Edition No2
Field Edited Map	
LOCALIT	Υ
State	
Cape Fear, General Locality Murrells In	NC to
LocalityCrescent Beach	
. 1969 TO	1972
REGISTRY IN A	RCHIVES
DATE	

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-761-152

# MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY XXX T-12293(2)
	] ORIGINAL	MAP EDITION NO. (2)
DESCRIPTIVE REPORT - DATA RECORD	T RESURVEY	MAP CLASS Final
DESCRIPTIVE REPORT - DATA RECORD	_	7019
PHOTOGRAMMETRIC OFFICE		
		ING MAP EDITION  JOB PH- 6217
Coastal Mapping Division (Norfolk)	TYPE OF SURVEY  ORIGINAL 7-12 29,3	JOB PH- OZIT
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
Jeffrey G. Carlen	REVISED	1963 TO 19 65
I. INSTRUCTIONS DATED		
1. OFFICE	2.	FIELD
Aerotriangulation - Jan. 15, 1971		
Compilation - Jan. 21, 1972	Aug. 26, 1970	
Office Supplement I - Jan. 25, 1972	Dec. <b>B</b> , 1970	
	`	
II. DATUMS	OTHER (Co. 1/4)	
1. HORIZONTAL: TIP27 NORTH AMERICAN	OTHER (Specify)	
MEAN HIGH-WATER	OTHER (Specify)	<del></del>
2. VERTICAL:		
MEAN LOWER LOW-WATER		
3. MAP PROJECTION		GRID(S)
Polyconic	STATE	ZONE
	South Carolina	North
1:20,000	STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS		<u> </u>
OPERATIONS	NAME	DATE
1. AEROTRIANGULATION BY	J. Perrow	Sept. 1971
METHOD: Steroplanigraph LANDMARKS AND AIDS BY	D 101.2.7.1	N=1 1007
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: COPAdamat CHECKED BY	D. Phillips D. Phillips	0et. 1971   0et. 1971
	T.J. Bulfer	Feb. 1972
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY	A.L. Shands	Feb. 1972
INSTRUMENT: Wild B-8 CONTOURS BY	NA NA	
scale: 1:20,000 CHECKED BY	NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	L.O. Neterer, Jr.	Feb. 1972
Wild B-8 and Graphic CONTOURS BY	R.J. Pate	Feb. 1972
WILD B-8 and Graphic Contours by Checked by	NA NA	
HYDRO SUPPORT DATA BY	L.O. Neterer, Jr.	Feb. 1972
SCALE: 1:20,000 CHECKED BY	R.J. Pate	Feb. 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY	F.J. Pate	Feb. 1972
6. APPLICATION OF FIELD EDIT DATA	R.R. White	Sept. 1974
7. COMPILATION SECTION REVIEW BY	C.E. Blood C.E. Blood	Apr. 1975 Apr. 1975
8. FINAL REVIEW BY	C.H. Bishop	Feb. 1976
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY	C.H. Bishop	Mar. 1976
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		131
11. MAP REGISTERED - COASTAL SURVEY SECTION BY	R. CATOR	MAY 19710

SUPERSEDES FORM C&GS 181 SERIES



NOAA FORM 76-36A

(3-72)		Ψ						TIONAL O	MINISTRA' Cean sur
			1-12293 Mpilatio	N SOURCES					02MW 00M
1. COMPILATION PHO	OTOGRAPHY		<u> </u>	· <del></del>					
CAMERA(S)			TYPE	S OF PHOTOGI	RAPHY		TIME	REFERE	NCE
TIDE STAGE REFERE	NCE s			LOR X		zone East			STAND
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NUMBER AND	TYPE	DATE	Тімі	E S	CALE		STA	GE OF TI	DE
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70E(C) 8662 - 70E(C) 8739 -		5 DEC 1970 6 DEC 1970	10:25 10:37		),000 ),000	I	•	above above	
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REMARKS Referen					<u>-</u>	5.2			2.6
Subordi	nate Stati	on: Tubbs	Inlet,	NC		4.5			2.2
From ph		oretation of	Dec, 6	, 1970 co]	or bri	dging	photo	graphs	<b>;</b>
From ph	noto interp	oretation of	Dec, 6	, 1970 co]	or bri	dging	photo	graphs	;
From ph photo c	noto interp centers not	oretation of shown.			or bri	dging	photo	graphs	<b>;</b>
From ph photo composition of the state of th	noto interpenters not	oretation of shown.	DW-WATER	LINE:				graphs	;
From ph photo composition of the state of th	noto interpenters not	oretation of shown.	DW-WATER	LINE:				graphs	;
From ph photo composition of the state of th	noto interpenters not	oretation of shown.	DW-WATER	LINE:				graphs	;
From ph photo composition of the state of th	noto interpenters not	oretation of shown.	DW-WATER	LINE:				graphs	;
From ph photo composition of the state of th	noto interpenters not	oretation of shown.	DW-WATER	LINE:				graphs	<b>;</b>
From ph photo c 3. SOURCE OF MEAN *Tide c photo	LOW-WATER OF	eretation of shown.  R MEAN LOWER Le	<b>DW-WATER</b> otograpl	LINE: hy taken A	april 8	, 1970	;		
From ph photo control of the state of the st	LOW-WATER OF	retation of shown.  R MEAN LOWER LO infrared phot shown.	DW-WATER otograph	LINE: hy taken A	pril 8	, 1970	;	urvey into	mation.)
From ph photo control of the state of the st	LOW-WATER OF	eretation of shown.  R MEAN LOWER Le	DW-WATER otograph	LINE: hy taken A	pril 8	, 1970	;	urvey into	mation.)
From ph photo control of the state of the st	LOW-WATER OF	retation of shown.  R MEAN LOWER LO infrared phot shown.	DW-WATER otograph	LINE: hy taken A	pril 8	, 1970	;	urvey into	mation.)
photo c  3. SOURCE OF MEAN  *Tide c	LOW-WATER OF CONTROLLED CONTROLLE	retation of shown.  R MEAN LOWER LE infrared phot shown.	DW-WATER otograph	LINE: hy taken A	sources for	, 1970 photogram	mmetric s	urvey into	mation.)

NOAA FORM 76-360	-		NATIONAL OCE	U. S. DEPARTMI ANIC AND ATMOSPHERI	ENT OF COMMER C ADMINISTRATI
		T-12293(2) History of Field			AL OCEAN SURV
I. 🔀 FIELD INSPI	ECTION OPE	RATION FIEL	D EDIT OPERATION	N	· · · · · · · · · · · · · · · · · · ·
	10	PERATION		NAME	DATE
1. CHIEF OF FIEL	D PARTY		J.K. Wilson	L	Nov. 12/70
		RECOVERED BY	R.E. Kessel		Nov. 12/70
2. HORIZONTAL C	ONTROL	ESTABLISHED BY	NA		
		PRE-MARKED OR IDENTIFIED BY	R.E. Kessel	ring	Nov. 12/70
		RECOVERED BY	NA		
3. VERTICAL CON	TROL	ESTABLISHED BY	NA NA		
		PRE-MARKED OR IDENTIFIED BY	NA NA		
		RECOVERED (Triangulation Stations) BY	NA NA		
4. LANDMARKS AN AIDS TO NAVIG		LOCATED (Field Methods) BY	NA NA		
		TYPE OF INVESTIGATION	NA		
* 0500 PARHIC N	******	COMPLETE			
<ol> <li>GEOGRAPHIC N INVESTIGATION</li> </ol>		SPECIFIC NAMES ONLY			
		NO INVESTIGATION			
6. PHOTO INSPEC	TION	CLARIFICATION OF DETAILS BY	NA		<del> </del>
7. BOUNDARIES A	<del></del>	SURVEYED OR IDENTIFIED BY	NA		
II. SOURCE DATA	<del></del>	<b>5</b>			
I. HORIZONTAL C	ONTROL IDE	ENTIFIED		NTROL IDENTIFIED	
			NA.	<del>,</del> -	
PHOTO NUMBER		STATION NAME	PHOTO NUMBER	\$TATION DES	BIGNATION
70E(С)87ДО	CHERRY,	1962			
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		•		1	
3. PHOTO NUMBER	RS (Clarificat	tion of deteils)			
	NA			,	
4. LANDMARKS AN	ID AIDS TO	NAVIGATION IDENTIFIED			
No	one				
PHOTO NUMBER		OBJECT NAME	PHOTO NUMBER	OBJECT	NAME
- HOTO ROWBER		OBJECT NAME	PHOTO NUMBER	083201	NAME
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-					
5 GEOGRAPHIC N	LAMES.	The section of the se	4 DOUNDARY AL	ND I MITE. Despe	- W W
5. GEOGRAPHIC N 7. SUPPLEMENTAL		REPORT MONE	6. BOUNDARY A	ND LIMITS: REPO	RT X NONE
7. SOFFEENERIA	L MAPS AND	PLANS			
	None				
8. OTHER FIELD	RECORDS (SI	ketch books, etc. DO NOT list data submit	ted to the Geodesy l	Division)	
1 F	orm 76-5	53 Control Station Identi	fication		

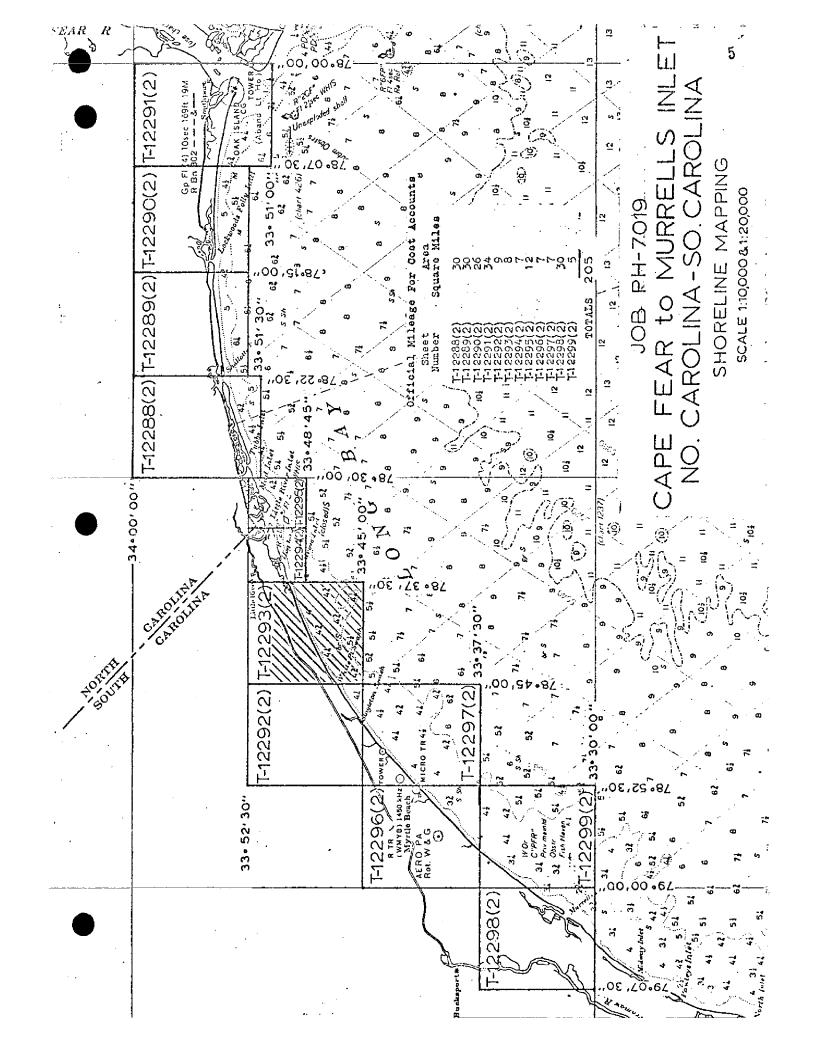
NOAA FORM 76-36C (3-72)		NATIONAL OCEA	U. S. DEPARTME	NT OF COMMERCE
ı	T-12293 (2)	)		L OCEAN SURVE
	HISTORY OF FIEL	D OPERATIONS		
I. TIELD INSPECTIO	N OPERATION X FI	ELD EDIT OPERATION	•	
	OPERATION		IAME	DATE
1. CHIEF OF FIELD PAR	RTY	R. Tibbetts		Sept 1972
	RECOVERED B	v R. Pawlowski		1974
2. HORIZONTAL CONTR	OL ESTABLISHED B			1
	PRE-MARKED OR IDENTIFIED B	Y None		
	RECOVERED B	Y NA		
3. VERTICAL CONTROL	ESTABLISHED B	Y NA		·
	PRE-MARKED OR IDENTIFIED B	Y NA		
	RECOVERED (Triangulation Stations) B	R. Kesselrin	g Aug -	Sept 1972
4. LANDMARKS AND	LOCATED (Field Methods) B	v R. Kesselrin		Sept 1972
AIDS TO NAVIGATION	IDENTIFIED B	v None		
	TYPE OF INVESTIGATION			
5. GEOGRAPHIC NAMES	COMPLETE B	<sub>v</sub>		
INVESTIGATION	SPECIFIC NAMES ONLY			
	NO INVESTIGATION			
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS B	Y R. Kesselrin	g	
7. BOUNDARIES AND LI	MITS SURVEYED OR IDENTIFIED B	<u> </u>		
II. SOURCE DATA				
I. HORIZONTAL CONTR		2. VERTICAL CON	ITROL IDENTIFIED	
	one		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DES	GNATION
	,			
3. PHOTO NUMBERS (CI	arification of details)			
6	69 E 3716			
	S TO NAVIGATION IDENTIFIED	PARTY.		<del></del>
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT	NAME
69E(C)3714 Tilg 69E(C)3711 Cres 69E(C)3711 Wind	ry Grove Pier Obstruction L hman Beach Pier Obstruction cent Beach Pier Lights (Pri y Hill Beach Pier Lights (P s Fishing Pier Obstruction	ights Lights v.) riv.)		
E CEACHABUG NAME			B. 1 14176.	-
5. GEOGRAPHIC NAMES:		6. BOUNDARY AN	D LIMITS: REPOR	T X NONE
7. SUPPLEMENTAL MAP	None			
8. OTHER FIELD RECOR	RDS (Sketch books, etc. DO NOT list data sub	mitted to the Garden	ivision)	
	dos (Sketch books, etc. <b>Do NOT</b> list data sub Ld Edit Ozalid	milled to the Geodesy Di	(VISION)	
	n 76-40 Nonfloating Aids or	Landmarks for	Charts	
	ld Edit Report			
	-			

NOAA	FORM	76-36D

(3-72)

U. S. DEPARTMENT OF COMMERCE T-12293 (2) ATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

				RECO	RD OF SURVE	Y USE				
I. MANUSCI	RIPT COPIES									
	C	OMPIL.	ATION	STAGE	is -			DATE MANUSCE	UPT FORWAR	RDED
	ATA COMPILED		DAT	E	RE	EMARKS		MARINE CHARTS	HYDRO SU	PPORT
Compilat	ion Complete				Class III					
	Field Edit	Feb	. 19	972	Supers			None	May 16,	107
					Dapord			None	may 10,	<u> </u>
Field Ed	lit applied				Class I					
Compilat	ion Complete	Sep	t. 1	L974	Supers	haha		Apr. 7, 197	, ,	
-	<u> </u>		<u> </u>		Dapora	- Cuou		Tpr - /, 19/	1	
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Final Re	view	Feb	. 19	76				2-27-76		
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		1								
II I ANDMA	RKS AND AIDS TO NAVIG	ATION			<u>.</u>			L.,	<u>.l</u>	
	RTS TO MARINE CHART		N NA	UTICAL	DATA BRANCH					<del></del>
I. NEPO		1 13.0			I DATA BRANCH					
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4		Apr	. 9,	1975	Landmarks	for Cha	rting			
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5		Apr	. 9,	1975	Non-float:	ing Aids	for (	Charting		
		1.		7.05						,
1		Apr	. 9 <u>,</u>	1975	Landmark	for Dele	tion			
	-									
									2000	
	EPORT TO MARINE CHAP									<del></del>
	EPORT TO AERONAUTIC		RTD	IVISION	, AERONAUTICA	L DATA SEC	TION. D	ATE FORWARDED		<del></del>
III. FEDER	AL RECORDS CENTER DA	ATA								
• 130		_								
	BRIDGING PHOTOGRAPHS	: <u>X</u>	DUP	LICATE	BRIDGING REPO	RT: X C	OMPUTE	R READOUTS.		
2. 🔼	CONTROL STATION IDEN	TIFICA	ION	CARDS;	LA FORM NO	S XXX SUBMI	TTEDBY	FIELD PARTIES	ı	
3. [X]	SOURCE DATA (except for ACCOUNT FOR EXCEPTION	Geograj )NS:	hic N	ames Re	port) AS LISTED	IN SECTION	II, NOAA	FORM 76-36C.		
4. 🖂 1	DATA TO FEDERAL RECO	ORDS C	ENTE	R. DAT	E FORWARDED:					
IV. JURVE	Y EDITIONS (This section SURVEY NUMBER	SHATT D		NUMBE		Builton is r		TYPE OF SURVEY		
SECOND	TP -	(2)	PH	1			RE		SURVEY	
EDITION	DATE OF PHOTOGRA		DAT	E OF FI	ELD EDIT	1		MAP CLASS		
EDITION						□n.′	<b>□</b> 111.		FINAL	, .
<del></del>	SURVEY NUMBER		JOB	NUMBE	R .			TYPE OF SURVEY		
THIRD	TP	(3) -	PH				REY		SURVEY	
	DATE OF PHOTOGRAS				ELD EDIT			MAP CLASS		ľ
EDITION					,	<u>□</u> 11.	<b>□</b>	□ıv. □v.	FINAL	_ ]
···········	SURVEY NUMBER		JOB	NUMBE	R			TYPE OF SURVEY		-
FOURTH	тр	(4)	l	1	•		REY		5 QR V É Y	
	DATE OF PHOTOGRAP				ELD EDIT	1		MAP CLASS	•	
EDITION			1	-		l —		mar ceass		ľ



#### SUMMARY TO ACCOMPANY

#### DESCRIPTIVE REPORTS T-12288 (2) through T-12299 (2)

Project PH-7019 is one of several projects that comprise the Seaward Coastal Plains Expedition (SCOPE). It is a resurvey most of Project PH-6217 and consists of ten 1:20,000 scale and two 1:10,000 scale shoreline manuscripts. The project extends from Cape Fear, NC to Murrells Inlet, SC. Only the Atlantic Ocean shoreline and shoreline adjacent to inlets was mapped.

The only field work prior to compilation was the identification and premarking of horizontal control required for bridging.

Bridging was done in the Rockville Science Center in Sept., 1971, using the stereoplanigraph with 1:40,000 scale photography taken in December, 1970. The Bald Head Island area was bridged as part of Project CM-7219 in 1973, using 1:40,000 scale color photography taken in October, 1972.

Compilation was done at the Atlantic Marine Center in February and March, 1972.

Field edit was done as follows:

<u>Map</u>	Field Edit Performed by: Experienced Trainee Photogrammetrist	<u>Date</u>
T-12288 (2)	x	Feb., 1975
T-12289 (2)	<b>x</b>	Feb., 1973
T-12290 (2)	x	Jan., 1973
T-12291 (2)	v x	Jan., 1973
T-12292 (2)	<b>x</b>	June, 1974
T-12293 (2)	x	June, 1974

Map	Field Edit Performed by: Experienced Trainee Photogrammetrist	<u>Date</u>
T-12294 (2)	<b>x</b>	Aug., 1972
T-12295 (2)	x	Aug., 1972
T-12296 (2)	×	May, 1974
T-12297 (2)	x	June, 1974
T-12298 (2)	<b>x</b> .	May, 1974
T-12299 (2)	x	May, 1974

The original manuscripts were stabilene sheets. The 1:20,000 scale maps are  $7\frac{1}{2}$  minutes in latitude by  $7\frac{1}{2}$  minutes in longitude, except T-12288 (2) which is  $8\frac{1}{2}$  minutes in latitude by  $7\frac{1}{2}$  minutes in longitude, and T-12291 (2) which is 9 minutes in latitude by  $7\frac{1}{2}$  minutes in longitude. The 1:10,000 scale maps, T-12294 (2), and T-12295 (2), are each 3 3/4 minutes in latitude by 3 3/4 minutes in longitude.

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

# PHOTOGRAMMETRIC PLOT REPORT Job PH-7019 Cape Fear to Murrells Inlet North Carolina and South Carolina

Sept 1971

#### 21. Area Covered

This project covers the shoreline from Cape Fear, North Carolina, to just south of Murrells Inlet, South Carolina. Included are 12 T-sheets (T-12288(2) thru T-12299(2). All sheets are 1:20,000 scale with the exceptions of T-12294(2) and T-12295(2) which are 1:10,000 scale.

#### 22. Method

Five strips of photography were bridged on the Zeiss Stereoplanigraph C-8 in order to obtain pass point positions and exact scale ratios (for Strips #5 thru #13) to be used during compilation. All bridging was performed using color positives rather than glass plates.

Strip #1 (70-E(C)-8716 thru 8725) was adjusted on four triangulation stations with tie points as checks. Strip #2 (70-E(C)-8731 thru 8742) was adjusted on four triangulation stations with companion points, ties with Strips #1 and #3, and one other station as checks. Strip #3 (70-E(C)-8647 thru 8664) was adjusted on nine triangulation points with companion points, ties with Strip #2, and three additional triangulation stations as checks. Strip #5 (69-E(C)-3754 thru 3761) and Strip #6 (69-E(C)-3715 thru 3720) were both adjusted to tie points from Strip #2. Both strips were adjusted on four tie points with additional ties between the two strips as checks. All tie points between strips were averaged. All adjustments were performed on the IBM 1620. All sheets were ruled and plotted on the Coradomat.

#### . 23. Adequacy of Control

Horizontal control complied with project instructions; however, it was not adequate in the area of junction of Strips 2 and 3. Vaught RM6, 1962, due to its placement, was visible, in stereo, only on Strip #3. Office identified control provided a substitute in this area.

Although all control held within National Map Accuracy the adjustments of these strips are very weak. No attempt should be made in the future to produce 1:10,000 scale sheets from

the material provided for the 1:20,000 scale sheets. The two short bridges (5 and 6), which were bridged on points from 1:40,000 scale photography, seem to be adequate for the 1:10,000 scale delineation but are only as good as the bridging for the 1:20,000 scale sheets.

All strips in this project were photogrammetrically weak due to the large water areas in the models.

### 24. Supplemental Data

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

## 25. Photography

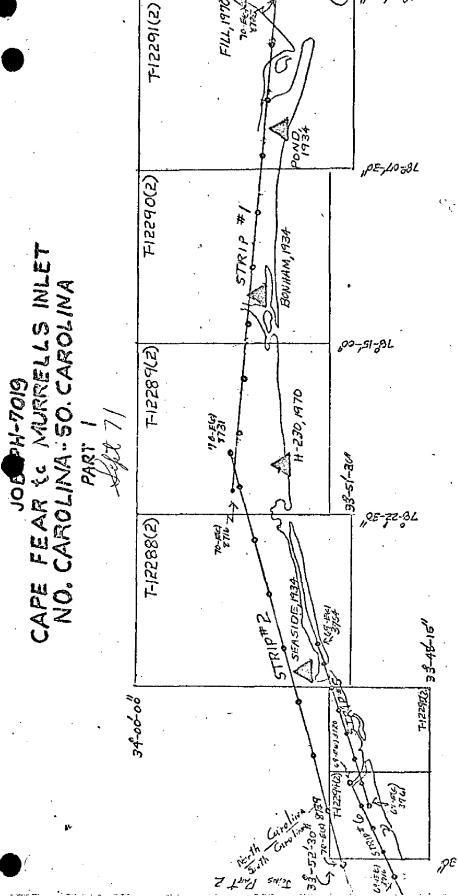
Photography was adequate as to overlap and definition. Coverage was adequate with the exception of a small land area in the lower right hand edge of T-12291(2).

Respectfully submitted:

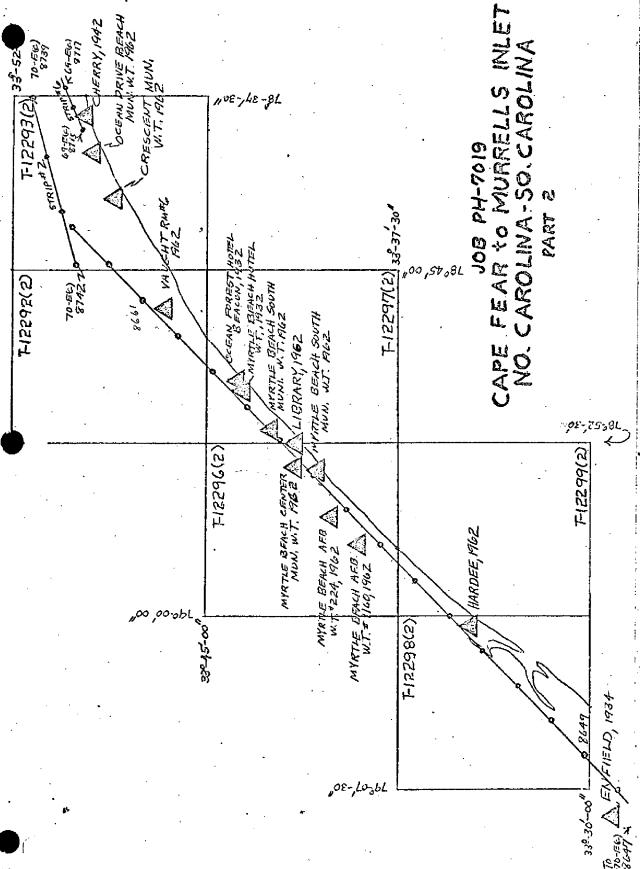
John D. Perrow, Jr.

Approved and Forwarded:

Henry P. Eichert, Chief Aerotriangulation Section



PE-LE-BL



NOAA FORM 76-41					U.S. DEPARTMENT OF COMMERCE	DEPARTMENT	OF COMMERCE
(6-75)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		AL OCEANIC AND AT	MOSPHERIC AD	MINISTRATION
MAP NO.	JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY	<u>  17</u>	
T-12293 (2)	PH-7019		N.A. 1927		Coastal Mapping	Div.	(Norfolk)
STATION NAME	SOURCE OF	AEROTRI- ANGULATION	coordinates in Feet state State South Carolina	GEOGRAPHIC POSITION	POSITION	RE	RKS
	(Index)	POINT	zone North		LONGITUDE	Forward	Back
			=X	Ф 33° 491	35.8195"	1103.6	(745.0)
CHERRY, 1962	rg. o/		±fi	186° 381	53.9419	1387.1	(155.8)
OCEAN DRIVE BEACH MUNI-	Vol. III		<i>=</i> χ	\$33° 49°	17.070"	525.9	(1322.7)
CLFAL WATER TRINK, 1962	Fg. 113		=ħ	ν 78° 40°	21.836"	561.5	(981.4)
CRESCENT BEACH MUNICIPAL	Vol. III		-χ	ф 33° 48°	33.439"	1030.3	(818.3)
WATER TANK, 1962	4 1		=h	1 78° 42°	18.025"	463.5	(1079.7)
	Vol. III		=χ	\$ 33° 47°	23.4131"	721.4	(1127.2)
1305 TAUS	<i>y</i>		in de π	14° 44°	13.9037"	357.7	(1185.9)
	Vol. III		-χ	\$ 33° 48°	33.0611"	1018.6	(830.0)
CRESCEINT, 1902	rg• 09		εĥ	x 78° 43°	20.0799"	516.5	(1026.7)
	Vol. II Pr. 162		=χ	\$ 33° 50°	34.914"	1075.7	(772.9)
FIRE, 1934			y=	λ 78° 42'	08.379"	215.4	(1327.2)
			<i>=</i> χ	φ			
			=ħ	γ			
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<i>,</i>			=χ	ф	-		
		-	y=	٦			
	!		χ=	φ			
				۲			
computed BY A.C. Rauck, Jr.		1/15/72	COMPUTATION CHECKED BY Mar	Margiotta		19/11/72	
LISTED BY		DATE	LISTING CHECKED BY			DATE	
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE	
		SUPERSEDES N	ERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	CH IS OBSOLETE.			

#### COMPILATION REPORT

#### T-12293(2)

#### 31. DELINEATION

The delineation of the mean high water line was by office interpretation of the Dec., 1970 photography on the Wild B-8. The mean low water line was compiled graphically from office interpretation of the April, 1970 infrared photography. The Dec., 1969 photography was used for photo-hydro support.

#### 32. CONTROL

See "Photogrammetric Plot Report", PH-7019 dated Sept., 1971.

#### 33. SUPPLEMENTAL DATA

None

#### 34. CONTOURS AND DRAINAGE

Contours are not applicable.

Drainage was mapped from office interpretation of the Dec., 1970 photography.

#### 35. SHORELINE AND ALONGSHORE DETAILS

See Par. #31.

#### 36. OFFSHORE DETAILS

None

#### 37. LANDMARKS AND AIDS

Forms 76-40 for 4 Landmarks for charting, 5 Non-floating aids to navigation, 1 Landmarks for deletion and 0 Non-floating aids to navigation to be deleted were sent to the Rockville, MD Office on April 7, 1975.

#### 38. CONTROL FOR FUTURE SURVEYS

None

#### JUNCTIONS

See Form 76-36b, Item #5.

#### 40. HORIZONTAL AND VERTICAL ACCURACY

No Statement

41. - 45. Not Used.

#### 46. COMPARISON WITH EXISTING MAPS

A comparison was made with Shoreline Manuscript T-12293. There is a shift in cultural detail in a northwest direction when the projection lines are matched.

A comparison was made with AMS Quadrangle WAMPEE, SC, dated 1947, scale 1:24,000.

#### 47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 1237, 1:80,000 scale, dated Sept. 16, 1968; and with Chart 835-SC, scale, 1:40,000, dated March, 1971.

#### ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

#### ITEMS TO BE CARRIED FORWARD

None

Respectfully submitted:

Lowell O. Neterer, Jr. Cartographic Technician February 22, 1972

Approved:

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

# ADDENDUM TO THE COMPILATION REPORT

T-12293(2)

#### FIELD EDIT

Field edit was good except that the field editor did not identify the lights on the ends of the piers.— he only indicated the piers.

29 Sept. 1975

#### GEOGRAPHIC NAMES

#### FINAL NAME SHEET

PH-7019 (Cape Fear to Murrells Inlet, N.C.)

T-12293 (2)

Atlantic Beach

Atlantic Ocean

Cherry Grove Beach

Crescent Beach

Long Bay

Ocean Drive Beach

White Point Swash

Windy Hill Beach

Approved by

Chas. E. Harrington Staff Geographer--C51x2

NOAA FORM 75-74			U	S. DEPARTMENT OF COMMERCE
/2-14)	PHO	TOGRAMMET	RIC OFFICE REVIEW	NOAA NATIONAL OCEAN SURVEY
I. PROJECTION AND GRIDS	2. TITLE	1-12	293 (2)	4. MANUSCRIPT SIZE
_				
RJP	RJP		RJP	RJP
CONTROL STATIONS		13		ч <del> </del>
5. HORIZONTAL CONTROL STA THIRD-ORDER OR HIGHER A	CCURACY	OF LESS TH	BLE HORIZONTAL STATIONS IAN THIRD-ORDER ACCURACY	7. PHOTO HYDRO STATIONS
RJP		( 1 opograpini	X X	X X
8. BENCH MARKS	9. PLOTTING (	SEXTANT	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
хх	x x		RJP	RJP
ALONGSHORE AREAS (Nautical	Chart Data)			
12. SHORELINE	13. LOW-WATER	LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RJP	RJP		хх	RJP
16. AIDS TO NAVIGATION	17. LANDMARK	.s	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
RJP	RJP		RJP	RJP
PHYSICAL FEATURES				
20. WATER FEATURES		21. NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
RJP			хх	NA
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA		NA ·	RJP
CULTURAL FEATURES				
27. RO ADS	28. BUILDINGS	•	29. RAILROADS	30. OTHER CULTURAL FEATURES
RJP	RJP		X X	хх
BOUNDARIES			T-0.	
31. BOUNDARY LINES NA			732, PUBLIC LAND LINES NA	
			, , , , , , , , , , , , , , , , , , ,	
33. GEOGRAPHIC NAMES		34. JUNCTION	<u> </u>	35. LEGIBILITY OF THE
	RJP		RJP	MANUSCHIPT
36. DISCREPANCY OVERLAY	37. DESCRIPTI	VE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
RJP	RJP		X X	RJP
40. REVIEWER Charles 1	Histop		SUPERVISOR, REVIEW SECTIO	
Compilation: R.J. Pa	te Feb	. 24/72	Albert C. Rauck, Jr	auck. J.
41. REMARKS (See attached shee			<u> </u>	
FIELD COMPLETION ADDITION		TIONS TO THE M	ANUSCRIPT	
42. Additions and corrections script is now complete exc	furnished by the	e field complet ler item 43.	ion survey have been applied to	the manuscript. The manu-
COMPILER R.R. White	Sept,		SUPERVISOR C.	Rouck J
Reviewer: C.E. Blood 43. REMARKS	Apr.,	1975	Albert C. Rauck, J	r.
Field edit a 69E(C)3711, 371		m: Field	Edit ozalid and field	photos
1				

### Field Edit Report for T-12293 (2)

### 51 METHODS

The manuscript was inspected by truck and all questions asked on the Field Edit Ozalid are answered. No measurements were taken to the shoreline because in a phone call to Atlantic Marine Center, it was stated that the shoreline will be mapped as of the date of photography. Field edit data will be found on the field edit ozalid and photograph 69E3716.

#### 52. ACCURACY OF COMPILATION

The compilation will be complete and adequate when field edit information is included.

#### 53. MAP ACCURACY

No test required.

#### 54. RECOMMENDATIONS

None.

#### 55. EXAMINATION OF PROOF COPY

Not required.

Robert S. Tabletto by Plan. Robert S. Tibbetts

Chief, Photo Party 62





NOAA FORM 76-40	-40				0	S.U. 5.1.	DEPARTA	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74) Replaces C&GS Form 567	,	CNONFLOATING AIDSEGGEGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	DS ED CATALITY	4	** FOR CHARTS	RTS	3000 L	C ADMINIST RALLON	HYDROGRAPHIC PARTY GEODETIC PARTY DELATO PIETO DARTY	A
7.7	Ī	FIXT	STATE		YTI IVOOT			DATE	VY COMP. ATION ACTIVITY	> H- 2-1
TO BE CHARTED TO BE REVISED TO BE DELETED		Field Park, Ship or Office) Coastal Mapping Div. AMC- Norfolk, Va.	77 .	Carolina	Cape Murre	Cape Fear to Murrells Inlet	رب د	Apr.1975	<u> </u>	
The following objects	ects H		been inspected from seaward to determine their value as landmarks	ward to det	ermine thei	value as	landmarks.		(See reverse for responsible personnel)	sible personnel)
OPR PROJECT NO.	NO JOB NUMBER	R SURVEY NUMB	UMBER	DATUM						
1			(0),(1)	,	N.A.1927	1927		METHOD AND DAT	METHOD AND DATE OF LOCATION	
/ 43/	KTO/-UA ( )		13(2)		POSITION	NO		(See instructions	(See instructions on reverse side)	CHARTS
		DESCRIPTION		LATITUDE	UDE	LONGITUDE	ruoeí			AFFECTED
CHARTING	(Record reason for delet Show triengulation stati	(Record reason for deletion of landmark or aid to navigation. Show triengulation station names, where applicable, in perentheses)	avigation. , in perentheses)	•	D.M. Meters	•	D.P. Meters	OFFICE	FIELD .	
	Cherry Grove Pier	Pier Obstruction	Lights		40.21	<b>7</b>	57.40	69E(c)3716	, P-5-V	1237
LIGHTS	(pri		1	33-49	1239	78-38	1746	Dec.4,1969	Sept.13,1972	· 835SC
LIGHTS	Tilghman Beach pri	Beach Pier Obstruction (private aids)	on Lights	33-48	59.72	78-40	07.12	.69£(c)371h Dec.4,1969	= = -/-	/. = =
STHOLIA	Crescent Beac	Beach Pier Lights		73	Т	+		.69E(C)3711 Dec. 4.1969	= = =	/==
7	ind)	(private aids)	-	871.00	.1785	- 1	1080.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
281107.1	Windy Hill Be	Beach Pier Lights		71,55	41.61	78 1.3	.13.84	= : >	=	/
CLRULA		(private aids)		11100	1282	C#=01.	356	<b>=</b>	= /	
	Kitts Fishin	Fishing Pier Obstruction	on Lights		18.66		58.85	= 1	#	=
LICHLS	- 3	(private aids)		-33-47	575	.४8-43	1514			
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NOAA FORM 76-40	40				S. DEPARTM	U.S. DEPARTMENT OF COMMERCE	ORIGINATING ACTIVITY	CTIVITY
(8-74) Replaces C&GS Form 567		HOME HOME CHOSENS LANDWARKS FOR CHARTS	MARKS 1	KS FOR CHARTS	2005 1400 1700 1700 1700 1700 1700 1700 1700	2014x 1018 1804 0	HYDROGRAPHIC PARTY GEODETIC PARTY DAGTO FIRED DAGTY	KR14 1
TO BE CHARTED	1	STATE		LOCALITY		DATE	COMPLIATION ACTIVITY	IVITY
TO BE REVISED	if.	South	Carolina	Cape Fear to	,	Apr.1975	لالا	A REVIEW ORP.
TO BE DELETED	AMC- Norfolk, Va			Murrells Inlet	et		COAST PILOT BRANCH	IUZ
The following objects	ects HAVE X HAVE NOT	been inspected	ward to det	from seaward to determine their volue as landmarks	s landmorks.		(See reverse for responsible personnel)	ible personnell
OPR PROJECT NO.	JOB NUMBER	**************************************	MD ,	N.A.1527		METHOD AND DATE OF LOCATION	E OF LOCATION	
-				POSITION		(See instructions on reverse side)	on reverse side)	CHARTS
	DESCRIPTION		LATITUDE		LONGITUDE		1	APPECTED
CHARTING	(Record reason for defetion of landmark or aid to navidation. Show triangulationstation names, where applicable, in parentheses)	rk or aid to navi <u>d</u> ation. 318 applicable, in parentheses)	, ,	D.M. Meters	D.P. Meters	OFFICE	FIELD	
TANK	Six legged ellipsoida	ellipsoidal, Ht.=129(132)	33-49	57.88 78-38	16.50 424		F-5-6-L	1237 83530
TANK	Six legged ellipsoidal, Ht.l. (Ocean Drive Beach Municipal	ellipsoidal, Ht. 135(153) Beach Municipal Water Tank	, 33-49	17.070 525.9 78-40	21.836		Triang.Rec. Aug.23,1972	u st
		(1	10	.33.1.39	18:025		# :	12 1
TANK 		Beach Municipal Water Tank, 1932)	3-58	1030.3	1,63.5			11
	Six legged double ell	ellipsoidal water		59.07	12.98		F-3-6-L	= :
TANK	tank, Ht.=132(165)		33-47	1820 .75-43	1105	·	Aug.1,1972	=
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Tochouts 4/2/25

HYDROGRAPHIC PARTY

GEODETIC PARTY

PHOTO FIELD FARTY

CONTROLATION ACTIVITY

FINAL REVIEWER

QUALITY CONTROL & REVIEW GRP. (See reverse for responsible personnel) AFFECTED 63530 1237 COAST PILOT BRANCH .Aug.27,1972 METHOD AND DATE OF LCCATION (See instructions on reverse side) FIELD Apr.1975 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION DATE OFFICE D.P. Meters been inspected from seaward to determine their value as landmarks > LONGITUDE Murrells Inlet Cape Fear to 78-1.2.1 MONTH MAN MAN MAN CHARTS FOR CHARTS ٥ POSITION N.A.1927 D.M. Meters LOCALITY LATITUDE 3-50.6 South Carolina DATUM 0 Show triangulation station names, where applicable, in parentheses) DESCRIPTION Record resson for deletion of landmark or aid to navigation. T-12293(2) SURVEY NUMBER Coastal Mapping Div.

AMC- Morfolk Va.

HAVE | HAVE | Have Note | Been in the Note | Been REPORTING UNIT a lendmark Ph-7019 JOB NUMBER No value as Replaces C&GS Form 567 The following objects OPR PROJECT NO. TO BE CHARTED MTO BE DELETED TO BE REVISED NOAA FORM 76-40 437 CHARTING LOOKOUT TOMER

20



#### REVIEW REPORT T-12293 (2)

#### SHORELINE

#### February 2, 1976

#### 61. GENERAL STATEMENT:

This survey is a resurvey of T-12293. See Summary, which is page 6 of this Descriptive Report.

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

#### 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with T-12293, 1:20,000 scale, dated 1965. No significant differences in shoreline were noted. Small datum shifts in cultural detail are attributed to human error in scribing T-12293. A careful photo check does not indicate inaccuracy in T-12293 (2).

In the area compared, T-12293 (2) supersedes T-12293 for nautical chart construction purposes. T-12293 is the latest registered prior survey of the area.

#### 63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with AMS Quadrangle WAMPEE, SOUTH CAROLINA, 1:24,000 scale, dated 1947. No piers are shown on the quadrangle. Significant shoreline differences are shown on the comparison print in brown.

#### 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a copy of the verified smooth sheet for Survey H-9229 (WH-20-1-71). No significant differences were noted.

#### 65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11534, 1:40,000 scale, 12th edition, dated March, 1975. Significant differences are shown on the comparison print in red.

#### 66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions and meets the requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted by:

Charles H. Bishop

Cartographer February 2, 1976

Approved for forwarding:

Albert C. Rauch Jr.

Acting Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

