

TP- 01194

TP- 01194

NOAA FORM 76-35
(8-80)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED.

<i>Map No.</i> TP-01194	<i>Edition No.</i> 1
<i>Job No.</i> CM-8208	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> TEXAS	
<i>General Locality</i> SAN ANTONIO BAY TO CORPUS CHRISTI BAY	
<i>Locality</i> ESPIRITU SANTO BAY	
19 82 TO 19	
REGISTERED 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 Coastal Mapping Unit, Atlantic Marine Center, Norfolk, VA		SURVEY TP- <u>01194</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III (Final)</u> JOB XXX <u>CM-8208</u>	
OFFICER-IN-CHARGE A. Y. Bryson, CDR		LAST PRECEEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH-</u> MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation July 8, 1985 Compilation October 28, 1985		Control March 9, 1983	
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 checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Lambert Conformal Conic Projection		4. GRID(S) STATE ZONE Texas South	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		J. Taylor Sept 1985	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp 718 CHECKED BY		J. Taylor Sept 1985	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		R. Kravitz Jan 1986	
INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:20,000 CHECKED BY		F. Mauldin Jan 1986	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		R. Kravitz Jan 1986	
METHOD: Smooth drafted CONTOURS BY CHECKED BY		F. Mauldin Mar 1986	
SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		R. Kravitz Jan 1986	
5. OFFICE INSPECTION PRIOR TO FINAL REVIEW		F. Mauldin Mar 1986	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		N.A. N.A.	
7. COMPILATION SECTION REVIEW Class III BY		F. Mauldin Mar 1986	
8. FINAL REVIEW Class III Final BY		J. Hancock Apr 1986	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		J. Hancock Apr 1986	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		P. Dempsey May 1986	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		F. Mauldin Aug 86	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 10(B) (F.L. = 152.74 mm) Wild R.C. 10(C) (F.L. = 88.46 mm)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES * <input checked="" type="checkbox"/> REFERENCE STATION RECORDS ** <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Central	<input checked="" type="checkbox"/> STANDARD
				MERIDIAN 90th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 82..B(C) 0965-0967	12/6/82	10:45	1:50,000	0.0 MLLW	
* 82 B(C) 1062-1066	12/6/82	12:28	1:50,000	0.1 ft. below MLLW	
** 83 C(I) 0769-0774	11/20/83	14:42	1:50,000	0.2 ft. below MHW	
** 83 C(I) 0784-0786	11/20/83	15:00	1:50,000	0.1 ft. below MHW	
Mean Tide Range = 1.4 ft.					

REMARKS *Tidal stage at the time of color photography was based on predicted tides.
**Tidal stages for the infrared photography were determined using Galveston Pier 21 reference station records.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled primarily from office interpretation of the above listed color bridging/compilation photographs using stereo instrument methods. Tide coordinated MHW infrared photographs were used to graphically assist in the compilation of the mean high water line in the bay area.

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

There was no mean lower low water line compiled on this project.

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
No Survey	CM-7702 *TP-00218	No Survey	TP-01195

REMARKS *A junction could not be made with map TP-00218 because the compilation on TP-00218 did not extend to the western limit of the map.

TP-01194

HISTORY OF FIELD OPERATIONS

- 1.
- ☒
- FIELD INSPECTION OPERATION (photoidentification)
- ☐
- FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Mar. 1983.
2. HORIZONTAL CONTROL	RECOVERED BY P. Walbolt	Mar 1983
	ESTABLISHED BY P. Walbolt	Mar 1983
	PRE-MARKED OR IDENTIFIED BY P. Walbolt	Mar 1983
3. VERTICAL CONTROL	RECOVERED BY N.A.	
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY 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 <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
82B(C) 1065	GREEK, 1911 (Sub. Pts. A & B)		
82B(C) 1011	*BM Q594, 1983 (Sub. Pts. A, B, C)		
82B(C) 1059	*SAL, 1977 (Sub. Pts. A & B)		
82B(C) 1009	*MOSQUITO POINT Sub. Pts. A & B, (Not used)		
*Station(s) is beyond map limits.			

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: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

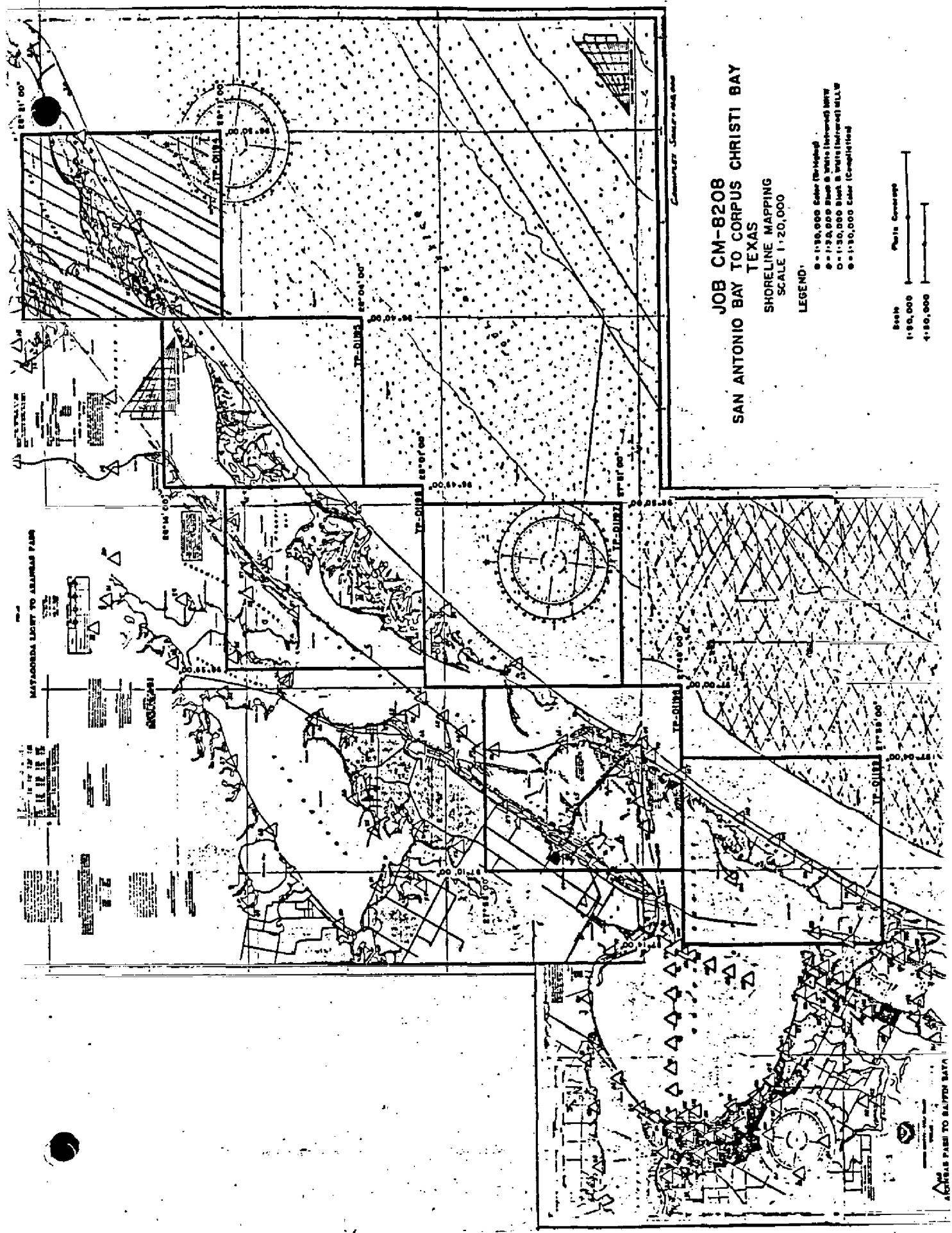
7. SUPPLEMENTAL MAPS AND PLANS

None

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

4 NOAA Forms 76-53	PROJECT DATA
6 NOAA Forms 75-63	Field Report
2 NOAA Forms 76-19	1 NOAA Form 76-52
2 NOAA Forms 76-170	1 NOAA Form 76-156

NOAA FORM 76-36D (3-72)		TP-01194 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		
RECORD OF SURVEY USE				
I. MANUSCRIPT COPIES				
COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Mar. 1986	Class III Manuscript	None	None
Final Review	Apr. 1986	Final Class III Map	April 1986	April 1986
II. LANDMARKS AND AIDS TO NAVIGATION				
1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH				
NUMBER (pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS	
1		April 1986	Landmark for Charting	
1		April 1986	Aid to Navigation for Charting	
2. <input type="checkbox"/> REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____ 3. <input type="checkbox"/> REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____				
III. FEDERAL RECORDS CENTER DATA				
1. <input checked="" type="checkbox"/> BRIDGING PHOTOGRAPHS; <input checked="" type="checkbox"/> DUPLICATE BRIDGING REPORT; <input checked="" type="checkbox"/> COMPUTER READOUTS. 2. <input checked="" type="checkbox"/> CONTROL STATION IDENTIFICATION CARDS; <input type="checkbox"/> FORM NOS. 76-40 288 SUBMITTED BY FIELD PARTIES. 3. <input checked="" type="checkbox"/> SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 4. <input type="checkbox"/> DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____				
IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)				
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY 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		



JOB CM-8208
SAN ANTONIO BAY TO CORPUS CHRISTI BAY
TEXAS
SHORELINE MAPPING
SCALE 1:20,000

LEGEND:

- 1:10,000 Color (To be added)
- 1:20,000 Black & White (To be added)
- 1:20,000 Black & White (To be added)
- 1:20,000 Color (Completed)



AGUAS PARI TO BAYTON BAY

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01194

This final Class III shoreline map is one of six maps that cover the Texas coastline and adjacent bay areas from San Antonio Bay to Corpus Christi Bay. The project maps, TP-01194 thru TP-01199, are 1:20,000 scale.

The purpose of this map is to provide current charting information for nautical chart maintenance and to furnish support data for hydrographic operations.

This Class III map portrays shoreline along the Gulf of Mexico coast from Long. 96°30.0' to Long. 96°40.0' and includes the southern segment of Espiritu Santo Bay. This map defines the northern limit of the project.

Photo coverage for the project was 1:50,000 scale natural color and black-and-white tide coordinated infrared photographs. The color photographs required for aerotriangulation and instrument compilation were taken with the Wild RC-10 (B) camera on December 6, 1982. The infrared photographs required for graphic compilation and interpretation assistance were taken with the Wild RC-10 (C) camera on November 20, 1983 and March 9, 1984. The 1983 infrared photo coverage includes the five northern maps (TP-01194 thru TP-01198) and the stage of tide is within the MHW range. The 1984 infrared photos were flown to provide MHW coverage for TP-01199; however, these photographs were taken at approximately mean tide level. Consequently, the 1984 infrared photographs were used with discretion and in close comparison with the color photography. There was no MLLW tide coordinated infrared photography provided for the project.

Field work prior to compilation consisted of the recovery, establishment and photoidentification of horizontal control necessary for aerotriangulation. This activity was completed in March 1983. There was no field inspection of the shoreline.

Analytic aerotriangulation was adequately provided by the Washington Science Center in September 1985. This operation included ruling the base manuscripts, determining ratio values for the photographs and locating visible landmarks and navigational aids.

Compilation, based upon office interpretation of the 1:50,000 scale color photographs, was performed at the Coastal Mapping Unit, Atlantic Marine Center in March 1986. The 1983 tide coordinated infrared photographs were used to assist in interpretation and graphic compilation of the shoreline. Refer to the Compilation Report for specific use of this photography.

TP-01194

Final review for this final Class III was accomplished at the Atlantic Marine Center in April 1986. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch. A Notes to Hydrographer print and related support data were prepared to assist in the currently scheduled hydrographic operations.

The Descriptive Report for this final shoreline map contains all pertinent information used to produce this map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.

7

FIELD INSPECTION

TP-01194

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and photoidentification of the horizontal control necessary for the aerotriangulation of the project.

PROJECT REPORT

CM-8208

SAN ANTONIO BAY TO COPRUS CHRISTI BAY

TEXAS

PHOTO IDENTIFICATION

The project was performed in accordance with project instructions from the Rockville office dated March 9, 1983.

Two sub-stations were photo identified for a station in each of the circled areas on the project diagram, except circle number 1 where the station was lost. Permission was granted by Chief, Field Surveys Section, AMC, to establish a new position in the circled area, from station MOSQUITO POINT 1859, using Solar Azimuth. MOSQUITO POINT was also photo identified as an extra station, this station is on the end of the flight line and if used, it would be necessary to bridge two or three more models.

The position of sub points has been computed and abstracted and are included with this report.

Submitted:

Robert S. Tibbetts.

AEROTRIANGULATION REPORT
CM-8208
San Antonio Bay to Corpus Christi Bay, Texas
September 3, 1985

21. Area Covered

The area covered by this report is in the Gulf of Mexico from San Antonio Bay to Corpus Christi Bay. It is covered by six 1:20,000 scale manuscripts, TP-01194 through TP-01199.

22. Method

Four strips of 1:50,000 scale color photographs were bridged by analytic aerotriangulation methods. This project was measured using the new APP software and the NOSAP (National Ocean Service Analytical Plotter). This is the first production project to utilize the APP software. Three holes were drilled on each frame and identified as 310, 320, or 330 points. This will give the compiler at least six points to control the stereomodels. Additional points were measured in each model with the automated sequential numbering system to boost the geometry of the bridge. These points were discarded after the adjustment to ground with the giant program. The entire project was adjusted as a block.

Fixed aids to navigation and landmarks were located and measured. Ratio values were determined for the bridging photographs and the black-and-white infrared MHW photographs. The manuscripts were plotted on the Calcomp 718 plotter using the Texas State Plane Coordinate System, South Zone.

23. Adequacy of Control

The horizontal control provided was adequate for the block. Ties were made between all strips. The aerotriangulation of this project will meet the National Ocean Service requirements for map manuscripts.

24. Supplemental Data

Vertical Control was taken from USGS quads.

25. Photography

The coverage, overlap, and quality of the photographs proved adequate for the job.

Submitted by:

James H. Taylor
James H. Taylor

Approved and Forwarded:

Don O. Norman

Don O. Norman
Chief, Aerotriangulation Unit

Fit to Control
CM-8208
San Antonio Bay to Corpus Christi Bay, Texas
September 3, 1985

Held in Block Adjustment

<u>STATION NAME</u>	<u>POINT NO.</u>	<u>VALUES IN FEET</u>	
		X	Y
BMQ 594, 1983			
Sub. Pt. A	11101	0.0	0.0
Sub. Pt. B	11102	0.0	0.0
Sub. Pt. C	11103	0.0	0.0
SAL, 1977			
Sub. Pt. A	59101	0.0	0.0
Sub. Pt. B	59102	0.0	0.0
GREEK, 1911			
Sub. Pt. A	65101	0.0	0.0
Sub. Pt. B	65102	0.0	0.0
SNAKE, 1911			
Sub. Pt. A	69101	0.0	0.0
Sub. Pt. B	69102	0.0	0.0
HAM, 1934			
Sub. Pt. A	51101	0.0	0.0
Sub. Pt. B	51102	0.0	0.0
LUCK, 1934			
Sub. Pt. A	74101	0.0	0.0
Sub. Pt. B	74102	0.0	0.0
KNOLL, 1934			
Sub. Pt. A	25101	0.0	0.0
Sub. Pt. B	25102	0.0	0.0

DONNEL, 1933

Sub. Pt. A	81101	0.0	0.0
Sub. Pt. B	81102	0.0	0.0

SCRUB 3, 1972

Sub. Pt. A	30101	0.0	0.0
Sub. Pt. B	30102	0.0	0.0

MATAGORDA LIGHTHOUSE	61100	0.0	0.0
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Corpus Christi Port Isabel LT. 15	T149	+0.8	+0.2
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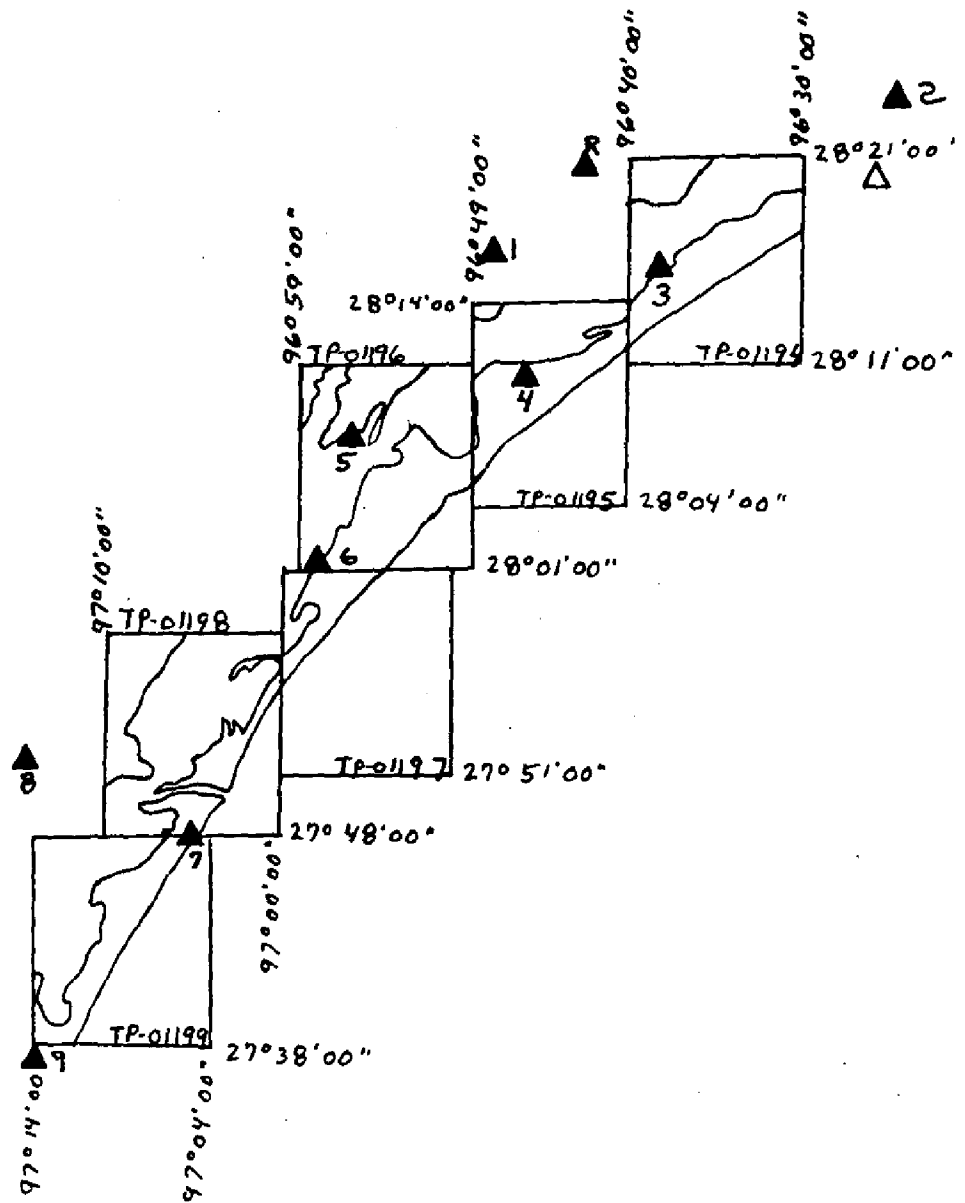
RATIO VALUES

CM-8208

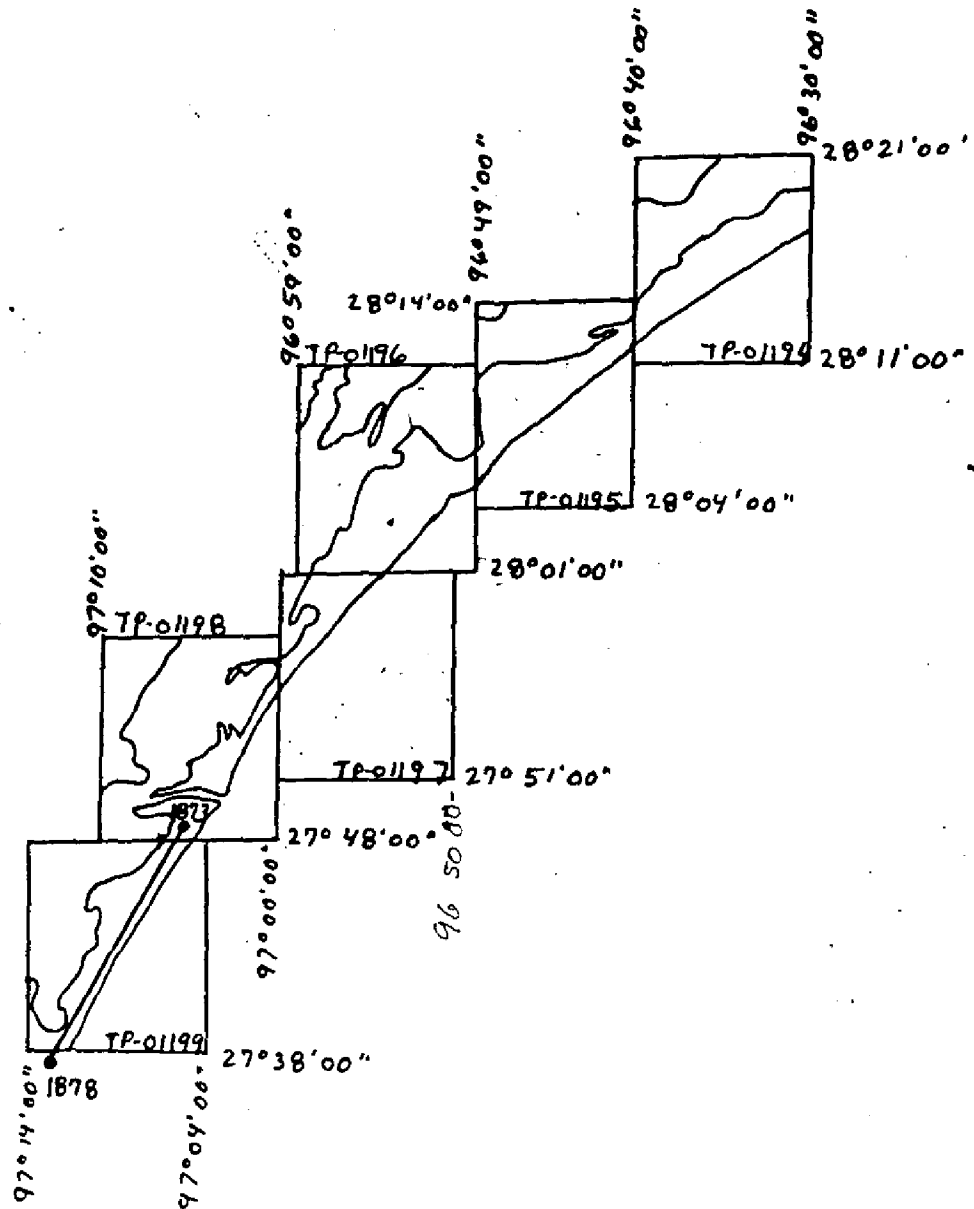
San Antonio Bay to Corpus Christi Bay, Texas

<u>1:50,000 Color Bridging Photographs</u>	<u>Ratio Values</u>
82-BC-0964 through 0968	2.53
82-BC-1011 through 1030	2.53
82-BC-1041 through 1043	2.53
82-BC-1050 through 1052	2.53
82-BC-1059 through 1082	2.53
 <u>1:50,000 Black-and-White Infrared Photographs MHW</u>	 <u>Ratio Values</u>
83-CR-755 through 774	2.53
83-CR-783 through 787	2.53
83-CR-793 through 797	2.53
83-CR-801 through 804	2.53
84-CR-1873 through 1878	2.52

JOB CM-8208
SAN ANTONIO BAY TO CORPUS CHRISTI BAY
TEXAS

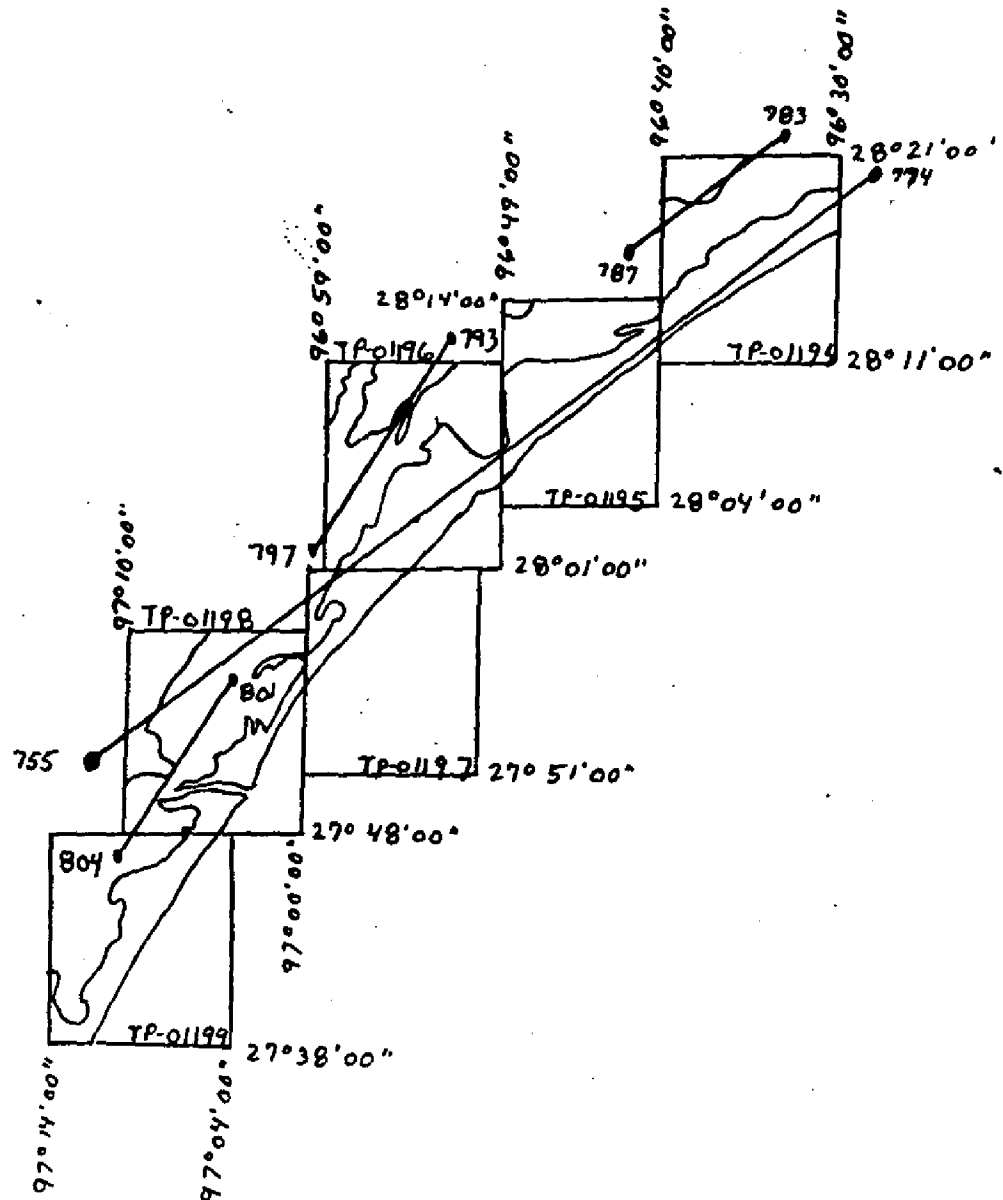


JOB CM-8208
 SAN ANTONIO BAY TO CORPUS CHRISTI BAY
 TEXAS



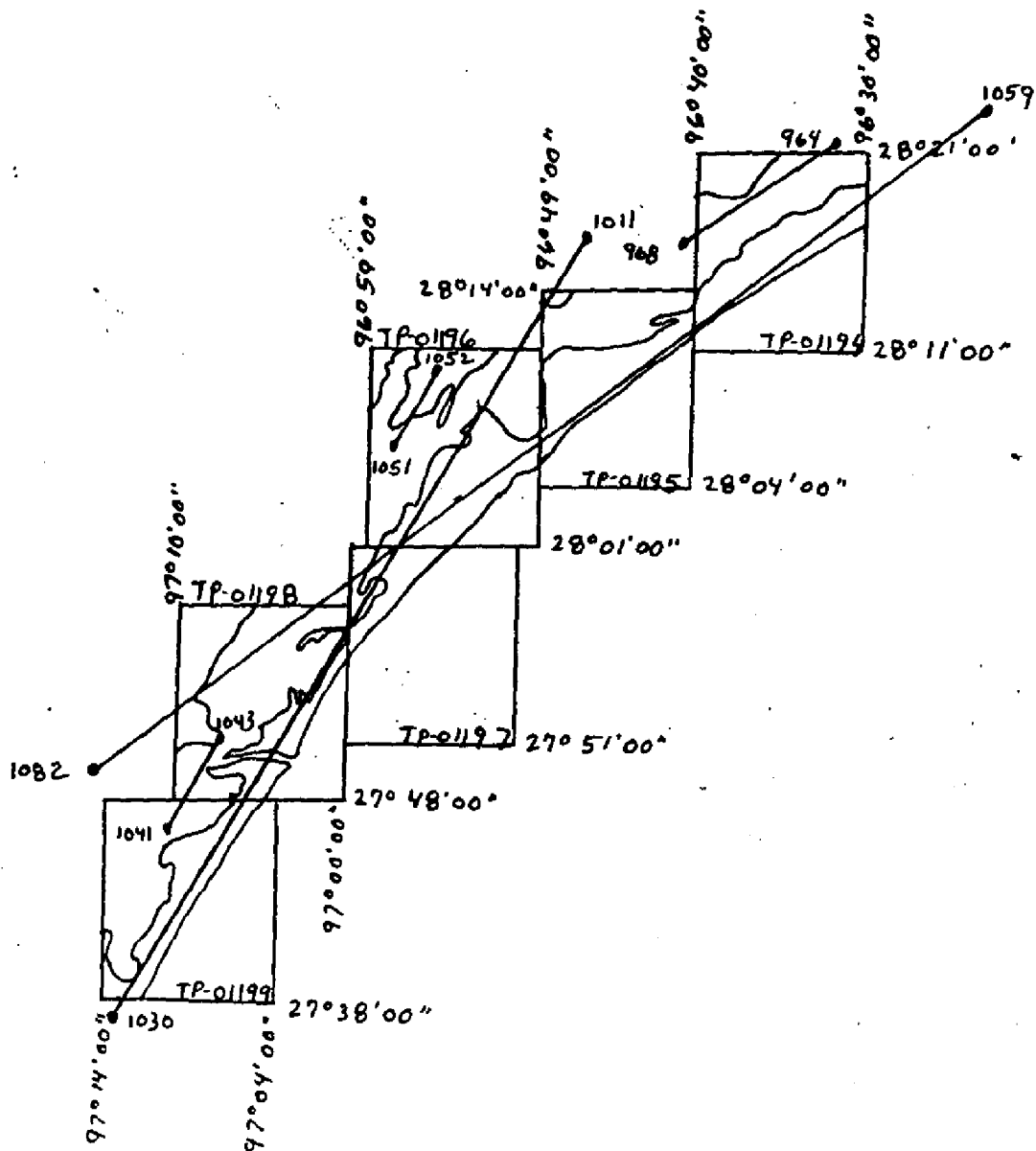
1984-CR-BLACK AND WHITE INFRARED MHW

JOB CM-8208
 SAN ANTONIO BAY TO CORPUS CHRISTI BAY
 TEXAS



1983-CR-BLACK AND WHITE INFRARED MHW

JOB CM-8208
SAN ANTONIO BAY TO CORPUS CHRISTI BAY
TEXAS



1982-B-COLOR BRIDGING 1:50,000

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-01194	JOB NO. CM-8208	GEOGETIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit, AMC, Norfolk, VA	
		STATE Texas	ZONE South	φ LATITUDE	λ LONGITUDE
STATION NAME GREEK, 1911	SOURCE OF INFORMATION (Index) Quad. 280963 Sta. 1020	AEROTRI- ANGULATION POINT NUMBER 65100	COORDINATES IN FEET		REMARKS
			STATE Texas	ZONE South	
			X= 2,601,902.81	φ 28 15 39.357	
			Y= 947,484.74	λ 96 37 49.951	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
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			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
COMPUTED BY			COMPUTATION CHECKED BY		DATE
LISTED BY R. R. Kravitz			LISTING CHECKED BY F. Mauldin		DATE 2/21/86
HAND PLOTTING BY			HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

TP-01194

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore and interior detail based upon office interpretation of the 1:50,000 scale 1982 bridging/compilation color photographs. Tide coordinated 1983 MHW infrared ratio photographs were used to assist in interpretation of the shoreline. These ratios were also used to graphically compile the shoreline, primarily in the bay area, where physical and/or cultural detail differed between color and infrared photographs. Control for graphic delineation was provided by the instrument compilation of coastal detail and common image points.

All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate; however, the quality of various 1983 MHW infrared ratio photographs made it difficult to define a consistent image representative of the mean high water line in portions of the bay area. An approximate mean high water line symbol was used in these areas.

32 - CONTROL

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated September 1985.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line along the gulf coast was compiled from the compilation/bridging color photographs using stereo instrument methods. Shoreline interpretation of the color photos was assisted by evaluating the black-and-white infrared ratio photographs.

The mean high water line within the bay area was primarily delineated from the 1983 tide coordinated MHW infrared ratio photographs using graphic compilation methods. Most of the infrared photos displayed erratic tone variations within the common area of overlapping photographs. There also appeared to be tone inconsistency in processing the ratios from the contact photographs. Considering the characteristics of the infrared photos and that the Coast Pilot mentions the water level in the bay area is primarily affected by weather conditions, the approximate shoreline notation was utilized throughout the bay.

36 - OFFSHORE DETAILS

Offshore detail was compiled by instrument methods using the 1:50,000 bridging/compilation color photographs as described in item #31.

37 - LANDMARKS AND AIDS

There is 1 charted landmark and 1 charted aid within the mapping limits of this manuscript. Among these, 1 landmark and 1 aid were either located or verified photogrammetrically. Appropriate information was prepared on the 76-40 forms and submitted with this map.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5, of the Descriptive Report.

The eastern limit of this map adjoins Project CM-7702, map TP-00218; however, the delineation of detail for TP-00218 was not compiled within the western portion of the map because of insufficient photo coverage. Consequently, a junction of shoreline detail was not made.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey Quadrangles:

Mosquito Point, TX, dated 1952; photoinspected 1973, scale 1:24,000

Panther Point, TX, dated 1952; scale 1:24,000

Panther Point NE, TX dated 1952; scale 1:24,000

Long Island, TX, dated 1952; photoinspected 1973; scale 1:24,000

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:

11300, 26th edition, scale 1:460,732, dated August 17, 1985

11313, 17th edition, scale 1:80,000, dated August 24, 1985

11315, 18th edition, scale 1:40,000, dated May 25, 1985

11316, 29th edition, scale 1:80,000, dated July 7, 1894.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

TP-01194

ITEMS TO BE CARRIED FORWARD

None.

Submitted by

J. Byrd / fr

Robert R. Kravitz
Cartographic Technician
31 January 1986

Approved

James L. Byrd, Jr.

James L. Byrd, Jr.
Chief, Coastal Mapping Unit

MAR 10 1966

GEOGRAPHIC NAMES

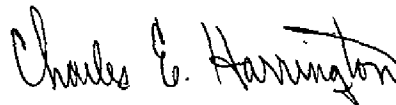
FINAL NAME SHEET

CM-8208 (San Antonio Bay to Corpus Christi Bay, Texas)

TP-01194

Cedar Lake
Cedar Point
Contee Lake
Corey Cove
Espiritu Santo Bay
First Chain of Islands
Grass Island
Gulf of Mexico
Josephine Motte
Long Island
Long Lake
Matagorda Island
Pats Bay
Power Lake
Pringle Lake
Rahal Bayou
San Antonio Bay
Shoalwater Bay
South Pass Island
South Pass Lake
Steamboat Island
Twin Lakes
Vanderveer Island

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

REVIEW REPORT
SHORELINE

TP-01194

61 - GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in April 1986. For a schedule of the office and field operations, refer to the Summary included in this Descriptive Report.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

None.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following 1:24,000 scale U.S.G.S. quadrangles:

Panther Point, TX, dated 1952

Panther Point, NE, TX dated 1952

Long Island, TX, dated 1952, photoinspected 1973

Mosquito Point, TX, dated 1952, photoinspected 1973

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Class III shoreline support data was prepared and furnished to facilitate currently scheduled hydrography.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:

11316, 29th edition, 1:80,000 scale, dated July 7, 1984

11313, 17th edition, 1:80,000 scale, dated Aug. 24, 1985


11315, 18th edition, 1:40,000 scale, dated May 25, 1985.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

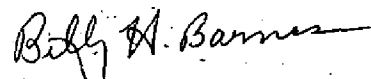
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

TP-01194

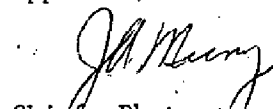
Submitted by,


Jerry L. Hancock
Final Reviewer

Approved for forwarding:


Billy H. Barnes,
Chief, Photogrammetric Section, AMC

Approved,


Chief, Photogrammetric Section,
Rockville

Chief, Photogrammetry Branch,
Rockville

RESPONSIBLE PERSONNEL															
TYPE OF ACTION	NAME														
OBJECTS INSPECTED FROM SEAWARD	<div>ORIGINATOR</div> <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)														
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE														
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<div>OFFICE ACTIVITY REPRESENTATIVE</div> <div> <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE </div>														
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)															
<div>OFFICE</div> <div>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</div> <p>Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75</p>	<div>FIELD (Cont'd)</div> <div>B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982</div> <div>II. TRIANGULATION STATION RECOVERED</div> <p>When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</p> <div>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</div> <p>Enter 'V-Vls.' and date. EXAMPLE: V-Vis. 8-12-75</p> <div>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</div>														
<div>FIELD</div> <div>I. NEW POSITION DETERMINED OR VERIFIED</div> <p>Enter the applicable data by symbols as follows:</p> <table border="0"> <tr> <td>P - Field</td> <td>5 - Field identified</td> </tr> <tr> <td>L - Located</td> <td>6 - Theodolite</td> </tr> <tr> <td>V - Verified</td> <td>7 - Planetable</td> </tr> <tr> <td>1 - Triangulation</td> <td>8 - Sextant</td> </tr> <tr> <td>2 - Traverse</td> <td></td> </tr> <tr> <td>3 - Intersection</td> <td></td> </tr> <tr> <td>4 - Resection</td> <td></td> </tr> </table> <p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75</p> <div>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</div>	P - Field	5 - Field identified	L - Located	6 - Theodolite	V - Verified	7 - Planetable	1 - Triangulation	8 - Sextant	2 - Traverse		3 - Intersection		4 - Resection		
P - Field	5 - Field identified														
L - Located	6 - Theodolite														
V - Verified	7 - Planetable														
1 - Triangulation	8 - Sextant														
2 - Traverse															
3 - Intersection															
4 - Resection															

Replaces C&GS Form 567.

NONFLOATING AIDS OR ~~AND~~ MARKS FOR CHARTS

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Robert R. Kravitz
<p>INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.)</p>	
<p>OFFICE</p> <p>I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75</p> <p>FIELD</p> <p>I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection</p> <p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75</p> <p>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p>	<p>FIELD (Cont'd)</p> <p>B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982</p> <p>II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</p> <p>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vls.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. CM-8208 (TP-01194)

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]