

TP-01197

TP-01197

NOAA FORM 76-35
(6-80)

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-01197	<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> SAN JOSE ISLAND		
<table border="1"><tr><td>19₈₂ TO 19</td></tr></table>		19 ₈₂ TO 19
19 ₈₂ TO 19		
REGISTERED IN ARCHIVES		
DATE		

NOAA FORM 76-36A (3-72)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>01197</u> MAP EDITION NO. (1) MAP CLASS III (Final) JOB <u>RH-CM-8208</u>
		DESCRIPTIVE REPORT - DATA RECORD	

PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA	LAST PRECEDING MAP EDITION	
OFFICER-IN-CHARGE A. Y. Bryson, CDR	TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation	July 8, 1985	Control	March 9, 1983
Compilation	October 28, 1985		

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 Texas	ZONE South
5. SCALE 1:20,000		STATE	ZONE

III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	J. Taylor	Sept 1985
METHOD: Analytic	LANDMARKS AND AIDS BY	J. Taylor	Sept 1985
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	J. Taylor	Sept 1985
METHOD: Calcomp 718	CHECKED BY	D. Norman	Sept 1985
3. STEREOSCOPIIC INSTRUMENT	PLANIMETRY BY	P. Evans	Oct 1985
COMPILATION	CHECKED BY	F. Mauldin	Oct 1985
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:20,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	P. Evans	Nov 1985
	CHECKED BY	F. Mauldin	Dec 1985
METHOD: Smooth drafted	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	P. Evans	Nov 1985
	CHECKED BY	F. Mauldin	Dec 1985
5. OFFICE INSPECTION PRIOR TO RELEASE Final Review	BY	F. Mauldin	Dec 1985
6. APPLICATION OF FIELD EDIT DATA	BY	N.A.	
	CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III	BY	F. Mauldin	Dec 1985
8. FINAL REVIEW Class III Final	BY	J. Hancock	Mar 1986
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	J. Hancock	Apr 1986
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	J. Dempsey	May 1986
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. D. [Signature]	Aug 86

TP-01197
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 10 (B) (F.I. = 152.74mm) Wild R.C. 10 (C) (F.I. = 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)1018-1021	12-6-82	11:28	1:50,000	0.1 ft. below MLLW	
** 83 C(I)0760-0762	11-20-83	14:42	1:50,000	0.2 ft. below MHW	
Mean tide range = 1.4 ft					

REMARKS *Tidal stage at the time of color photography was determined based on predicted rates. ** 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 portions of 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
TP-01196	No-survey	No survey	Tp-01198

REMARKS

TP-01197

HISTORY OF FIELD OPERATIONS

1. **FIELD INSPECTION OPERATION** (Photoidentification) **FIELD EDIT OPERATION**

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	March 1983
2. HORIZONTAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
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 (<i>Triangulation Stations</i>) BY	None
	LOCATED (<i>Field Methods</i>) BY	None
	IDENTIFIED BY	None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N.A.
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N.A.

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: None
 2. VERTICAL CONTROL IDENTIFIED: N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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 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*)
Project Data
Field Report
 1 NOAA Form 76-52
 1 NOAA Form 76-156

TP-01197
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Dec. 1985	Class III Manuscript	None	None
Final Review	Mar. 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	Landmarks for Charting

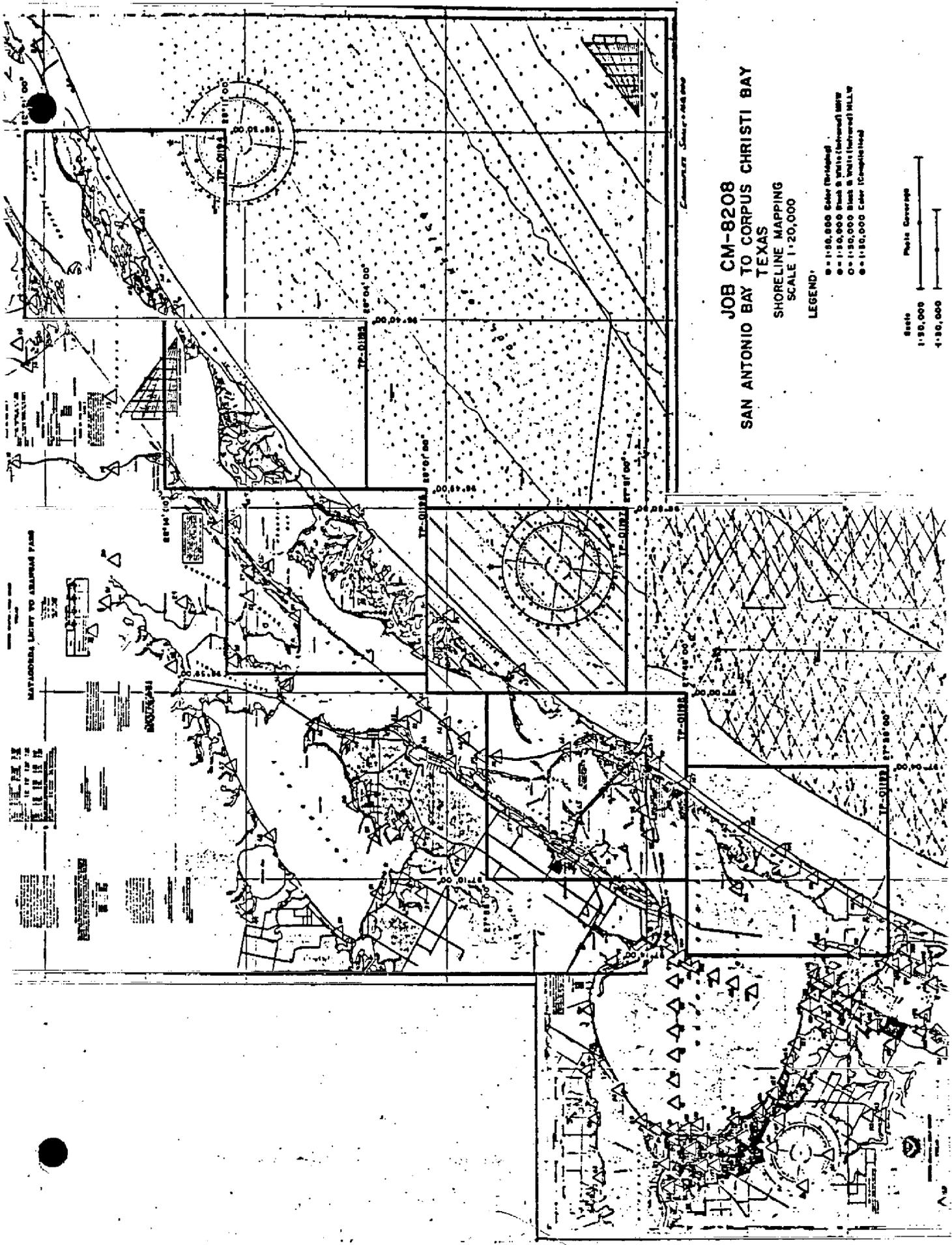
2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. BRIDGING PHOTOGRAPHS; DUPLICATE BRIDGING REPORT; COMPUTER READOUTS.
2. CONTROL STATION IDENTIFICATION CARDS; FORM NOS ⁷⁶⁻³⁰~~76-30~~ 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	

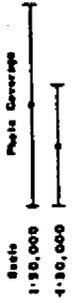


JOB CM-8208
SAN ANTONIO BAY TO CORPUS CHRISTI BAY
TEXAS

SHORELINE MAPPING
SCALE 1:20,000

LEGEND:

- = 1:50,000 Color (Shipping)
- = 1:50,000 Black & White (Harbor) MHT
- = 1:50,000 Black & White (Harbor) MLLW
- = 1:50,000 Color (Complete Head)



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01197

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 and inner bay area for the southern portion of San Jose Island.

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 December 1985. 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-01197

Final review for this final Class III was accomplished at the Atlantic Marine Center in March 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.

FIELD INSPECTION

TP-01197

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

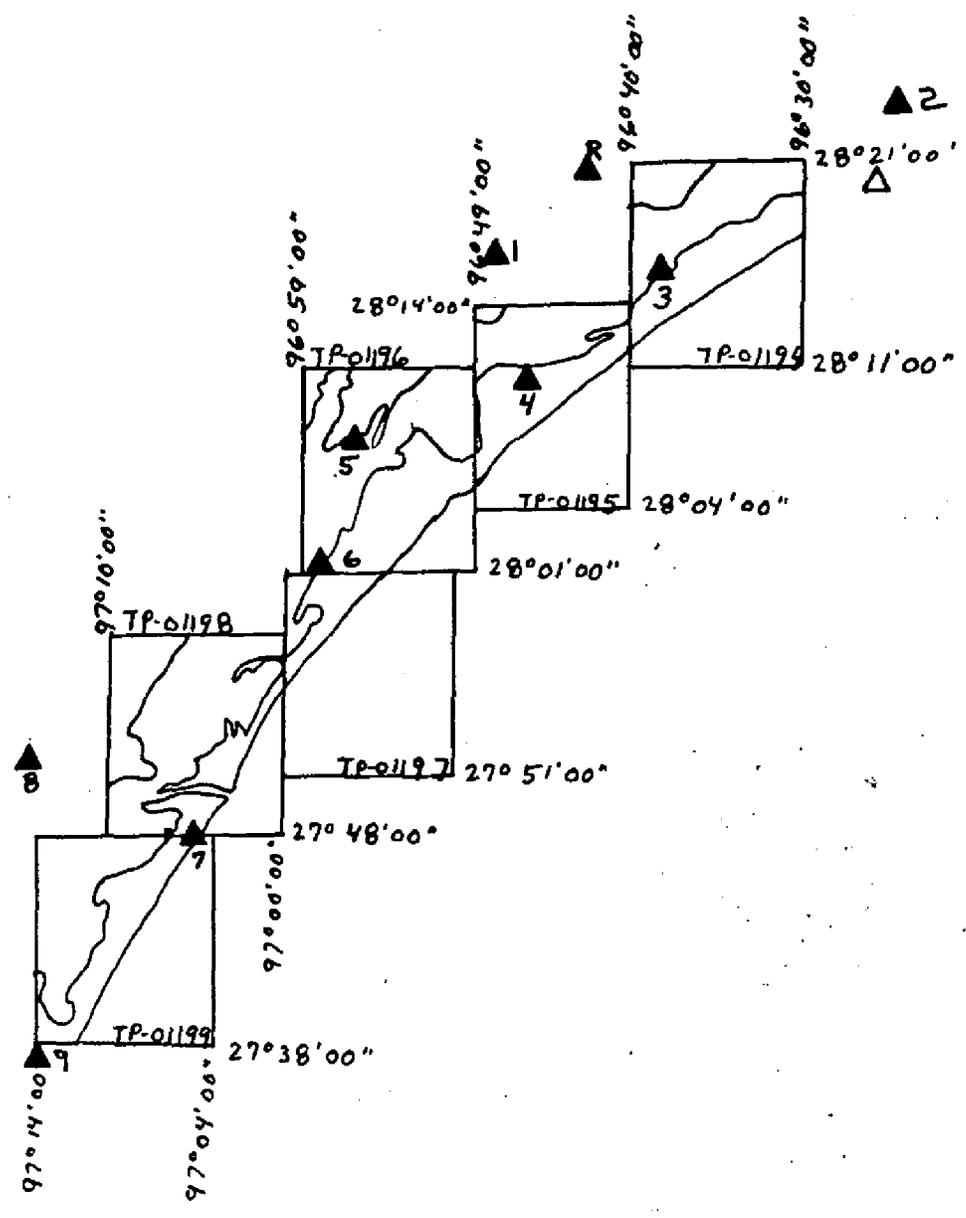
CM-8208

San Antonio Bay to Corpus Christi Bay, Texas

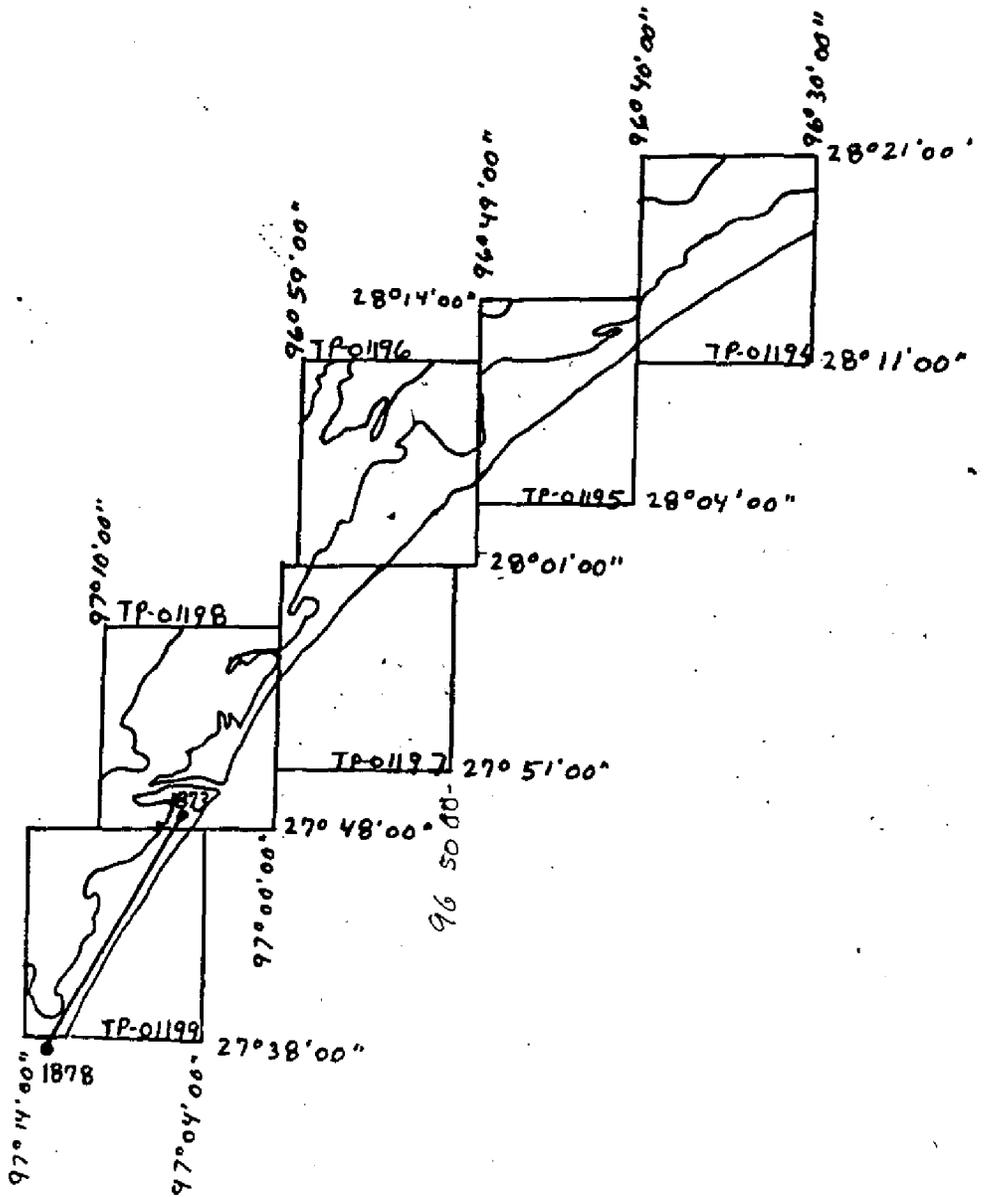
<u>1:50,000 Color Bridging Photographs</u>	<u>Ratio Values</u>
82-BC-0964 through 0968	2.53
82-BC-1011 through 1030	2.53
82-BC-1041 through 1043	2.53
82-BC-1050 through 1052	2.53
82-BC-1059 through 1082	2.53

<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

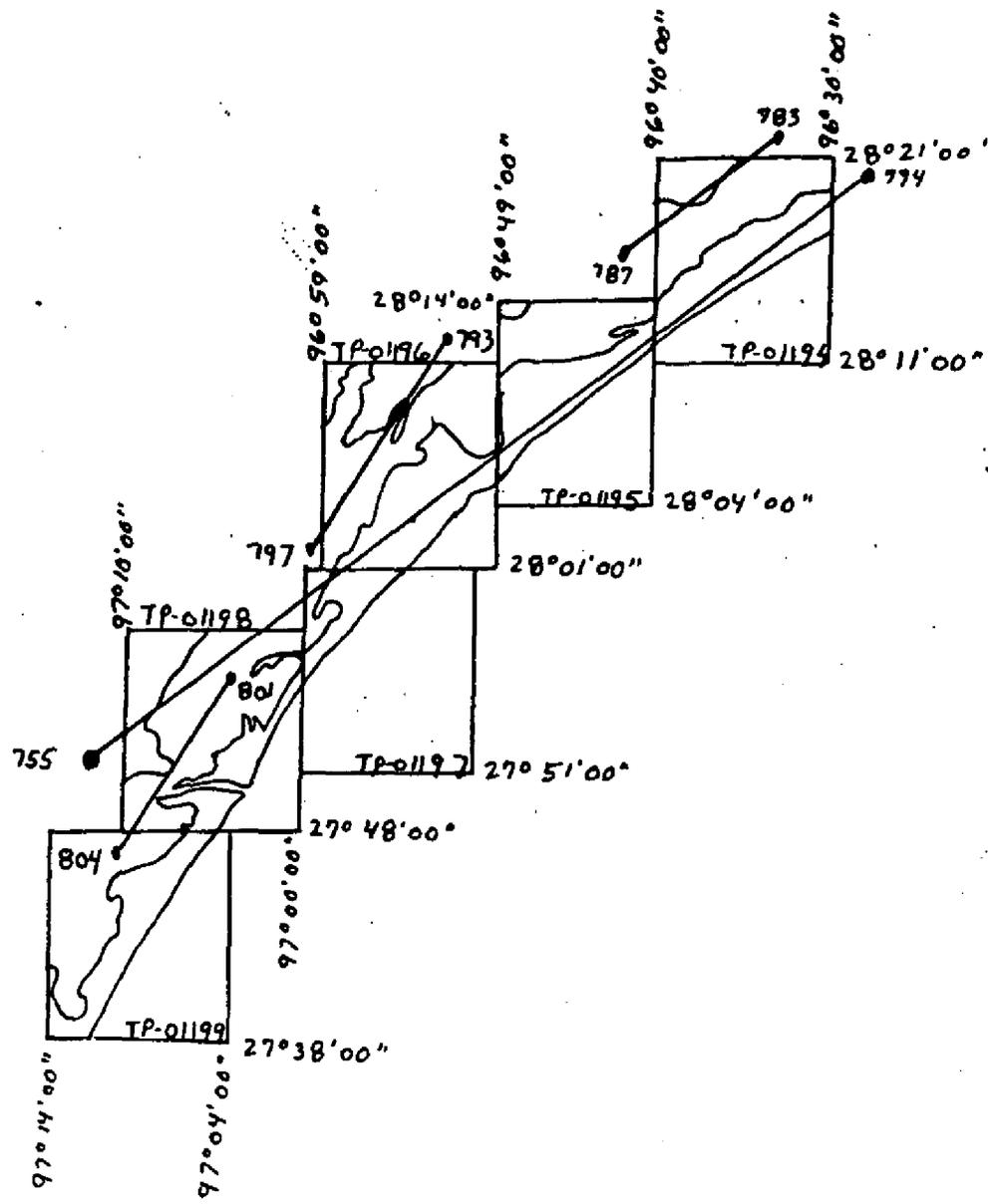


JOB CM-8208
 SAN ANTONIO BAY TO CORPUS CHRISTI BAY
 TEXAS



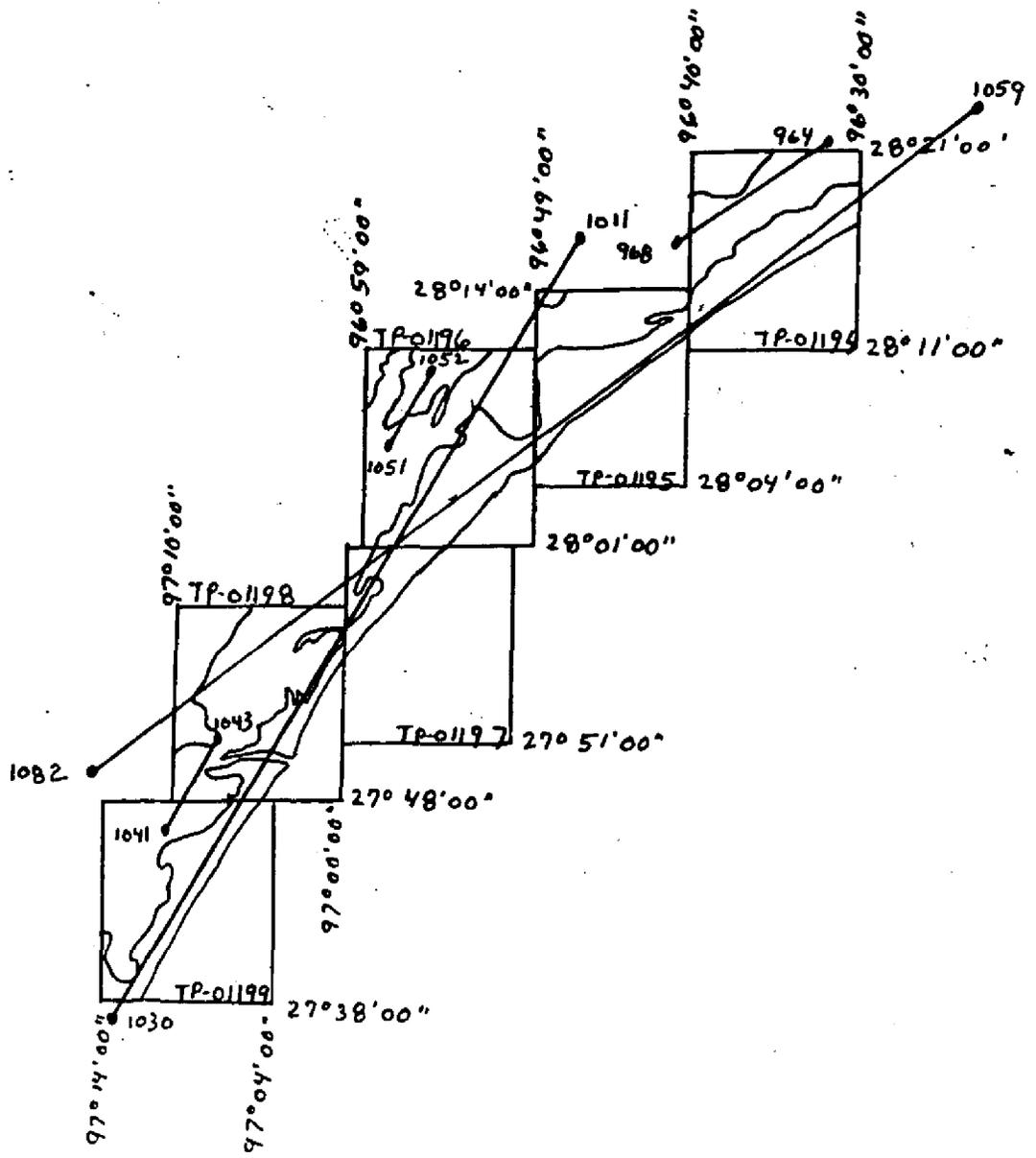
1984-CR-BLACK AND WHITE INFRARED MHW

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



X 1982-B-COLOR BRIDGING 1:50,000

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-01197	JOB NO. CM-8208	GEODETIC DATUM N.A. 1927	ORIGINATING ACTIVITY Coastal Mapping Unit, AMC, Norfolk, VA	
STATION NAME	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET STATE Texas ZONE South	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
None		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		COMPUTATION CHECKED BY		DATE
LISTED BY P. I. Evans, Jr.		LISTING CHECKED BY F. Mauldin		DATE 12-85
HAND PLOTTING BY		HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

TP-01197

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 are 2 charted landmarks and 0 charted aids within the mapping limits of this manuscript. Among these, 2 landmarks 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.

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:

Allyns Bight, TX, dated 1970; scale 1:24,000

St. Charles Bay SW, TX, dated 1952; 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

11314, 14th edition, scale 1:40,000, dated October 27, 1984.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

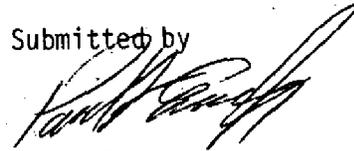
None.

ITEMS TO BE CARRIED FORWARD

None.

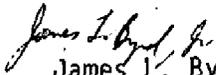
TP-01197

Submitted by



P. L. Evans, Jr.
Cartographic Technician
13 November 1985

Approved



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

MAR 10 1988

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01197

~~Allyns~~ Bay Aransas Bay *ALH*

Allyns Bight

Allyns Lake

Blind Pass

Gulf of Mexico

Long Lake

Mud Island

San Jose Island

Approved:



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

REVIEW REPORT
SHORELINE

TP-01197

61 - GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in March 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:
Allyns Bight, TX; dated 1970
St. Charles Bay SW; TX, dated 1952.

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:
11314, 14th edition, 1:40,000 scale, dated Oct. 27, 1984
11313, 17th edition, 1:80,000 scale, dated Aug. 24, 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.

Submitted by,

Jerry L. Hancock
Jerry L. Hancock
Final Reviewer

Approved for forwarding:

Billy H. Barnes
Billy H. Barnes,
Chief, Photogrammetric Section, AMC

Approved,

J. H. Meany
Chief, Photogrammetric Section,
Rockville

Chief, Photogrammetry Branch,
Rockville

RESPONSIBLE PERSONNEL

TYPE OF ACTION	NAME	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD		<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	P. L. Evans, Jr.	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'
 (Consult Photogrammetric Instructions No. 64)

<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 (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>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>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-Vis.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p>**PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p>

