

TP-01196

TP 01196

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.

Map No.

TP-01196

Edition No.

1

Job No.

CM-8208

Map Classification

CLASS III (FINAL)

Type of Survey

SHORELINE

LOCALITY

State

TEXAS

General Locality

SAN ANTONIO BAY TO CORPUS CHRISTI BAY

Locality

BLACKJACK PENINSULA

19 82 TO 19

REGISTERED IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP. 01196MAP EDITION NO. (1)MAP CLASS III (Final)JOB PH. CM-8208

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Unit
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

A. Y. Bryson, CDR

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH. _____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation July 8, 1985
Compilation October 28, 1985

2. FIELD

Control March 9, 1983

II. DATUMS

1. HORIZONTAL:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

2. VERTICAL:

☒ MEAN HIGH-WATER
☐ MEAN LOW-WATER
☒ MEAN LOWER LOW-WATER
☐ MEAN SEA LEVEL

OTHER (Specify)

3. MAP PROJECTION

Lambert Conformal 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 METHOD: Analytic	BY	J. Taylor	Sept 1985
	LANDMARKS AND AIDS BY	J. Taylor	Sept 1985
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp 718	PLOTTED BY	J. Taylor	Sept 1985
	CHECKED BY	D. Norman	Sept 1985
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:20,000	PLANIMETRY BY	P. Evans	Nov 1985
	CHECKED BY	F. Mauldin/W. McLemore	Nov 1985
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION METHOD: Smooth drafted SCALE: 1:20,000	PLANIMETRY BY	P. Evans	Dec 1985
	CHECKED BY	F. Mauldin	Feb 1986
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
	HYDRO SUPPORT DATA BY	P. Evans	Dec 1985
	CHECKED BY	F. Mauldin	Feb 1986
5. OFFICE INSPECTION PRIOR TO FINAL REVIEW Final Review	BY	F. Mauldin	Feb 1986
6. APPLICATION OF FIELD EDIT DATA	BY	N.A.	
	CHECKED BY	N.A.	
7. COMPILATION SECTION REVIEW Class III	BY	F. Mauldin	Feb 1986
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	P. Dempsey	May 1986
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. Dwyer	Aug 86

TP-01196

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) 1070-1072	12-6-82	12:28	1:50,000	0.1 ft. below MLLW	
* 82 B(C) 1014-1018	12-6-82	11:28	1:50,000	0.1 ft. below MLLW	
* 82 B(C) 1050-1052	12-6-82	11:54	1:50,000	0.1 ft. below MLLW	
** 83 C(I) 0761-0765	11-20-83	14:42	1:50,000	0.2 ft. below MHW	
** 83 C(I) 0793-0795	11-20-83	15:20	1:50,000	0.1 ft. below MHW	
Mean Tide Range=1.4 ft.					

REMARKS *Tidal stage at the time of color pohtography 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 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
No survey	TP-01195	TP-01197	No Survey

REMARKS

TP-01196

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

N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
82C(B)1018	LUCK, 1934 (sub points A & B)		
82C(B)1015	HAM, 1934 (sub points A & B)		

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)

2 NOAA Forms 76-53

PROJECT DATA

2 NOAA Forms 75-63

Field Report

2 NOAA Forms 76-170

1 NOAA Form 76-52

1 NOAA Form 76-156

TP-01196

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation Complete	Feb. 1986	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	Landmark for Charting
1		April 1986	Aids to Navigation for Charting

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

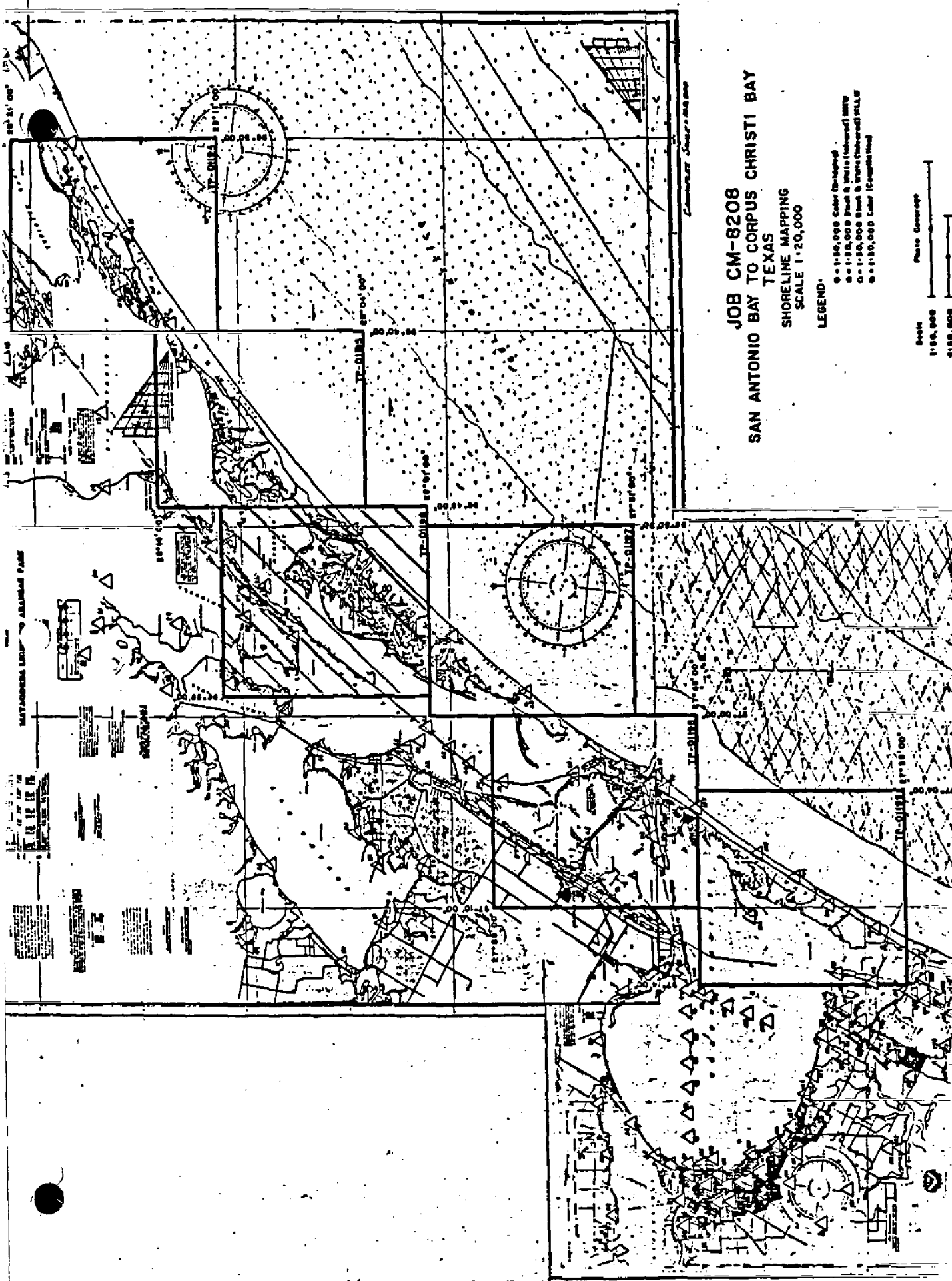
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS. 76-40 ~~76-40~~ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



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

- LEGEND:**
- 1:50,000 Color (Unchanged)
 - 1:50,000 Black & White (Unchanged)
 - 1:50,000 Black & White (Unchanged)
 - 1:50,000 Color (Unchanged)



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-01196

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 inner bay and outer coast for the major 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 February 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-01196

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-01196

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

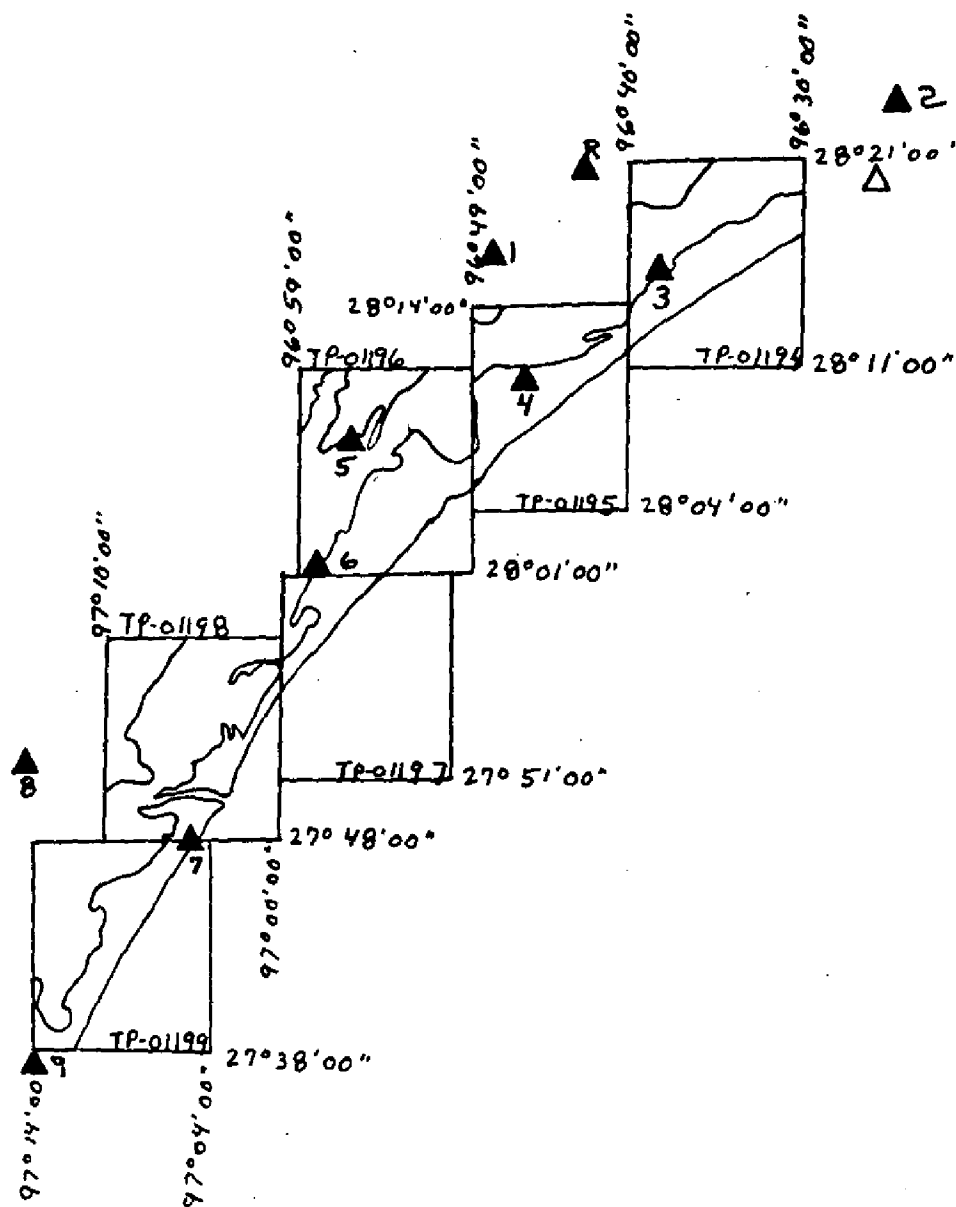
CM-8208

San Antonio Bay to Corpus Christi Bay, Texas

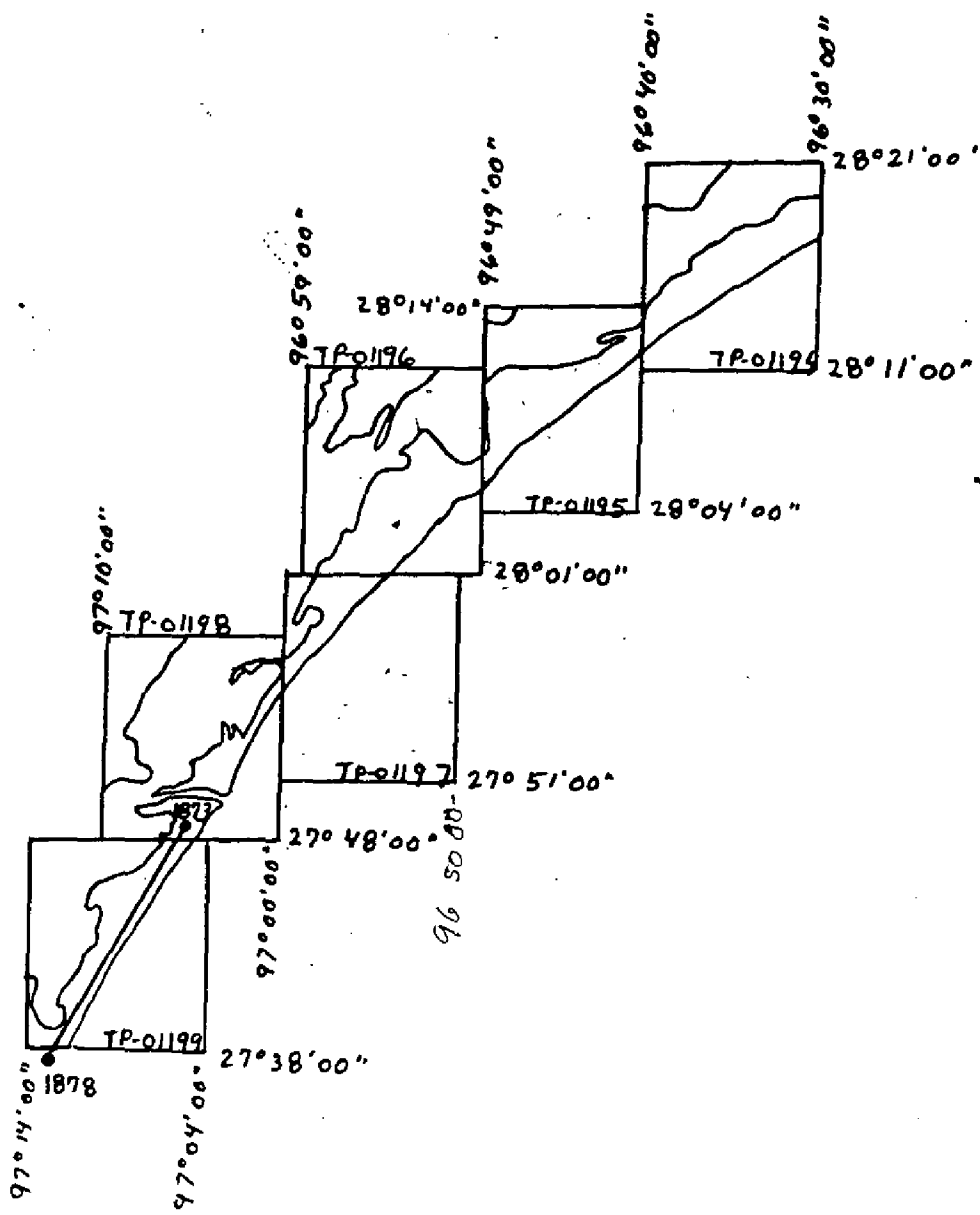
<u>1:50,000 Color Bridging Photographs</u>	<u>Ratio Values</u>
82-BC-0964 through 0968	2.53
82-BC-1011 through 1030	2.53
82-BC-1041 through 1043	2.53
82-BC-1050 through 1052	2.53
82-BC-1059 through 1082	2.53

<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



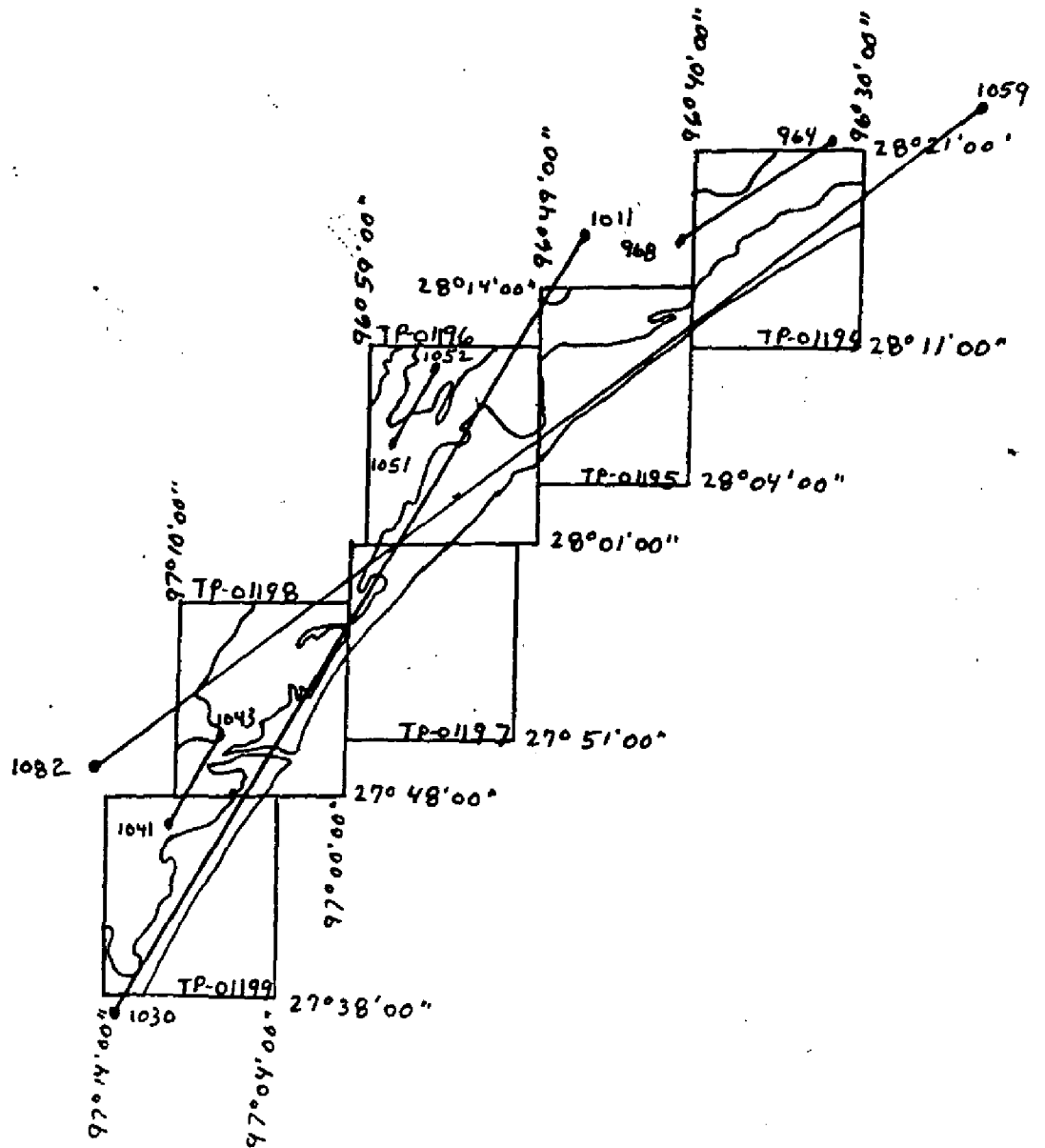
JOB CM-8208
 SAN ANTONIO BAY TO CORPUS CHRISTI BAY
 TEXAS



1984-CR-BLACK AND WHITE INFRARED MHW

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

COMPILATION REPORT

TP-01196

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 6 charted aids within the mapping limits of this manuscript. Among these, 1 landmark and 6 aids 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:
 Mesquite Bay, TX, dated 1952; photo revised 1973, scale 1:24,000
 St. Charles Bay, TX, dated 1952; photorevised 1973, scale 1:24,000
 St. Charles Bay SE, TX, dated 1952, photorevised 1973, 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
 11315, 18th edition, scale 1:40,000, dated May 25, 1985.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

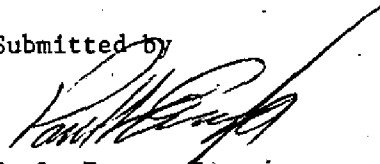
None.

ITEMS TO BE CARRIED FORWARD

None.

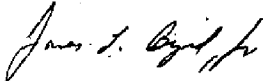
TP-01196

Submitted by



P. L. Evans, Jr.
Cartographic Technician
30 December 1985

Approved



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

GEOGRAPHIC NAMES

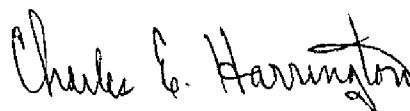
FINAL NAME SHEET

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

TP-01196

Aransas Bay	Dunham Point
Ayres Island <i>PH</i>	East Pocket
Ayres Bay	Egg Island Egg Point <i>PH</i>
Ayres Dugout	Goose Island
Ballou Island Ballou Island <i>PH</i>	Grass Island
Bartell Island	Gulf of Mexico
Bartell Pass	Hail Point
Big Island	Jay Bird Point
Bill Mott Bayou	Lamar Peninsula
Bird Point	Long Reef
Blackjack Peninsula	Matagorda Island
Blackjack Point	Mesquite Bay
Bludworth Island	Pauls Mott
Cape Carlos	Pauls Mott Reef
Carlos Bay	Roddy Island
Cedar Bayou	Saint Charles Bay
Cedar Dugout	San Jose Island
Cedar Point (1)	Spalding Bight
Cedar Point (2)	Sundown Bay
Deadman Island	Third Chain of Islands
Dunham Bay	Vinson Slough
Dunham Island	

Approved:



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

REVIEW REPORT
SHORELINE

TP-01196

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:

Mesquite Bay, TX, dated 1952, photorevised 1973

St. Charles Bay TX, dated 1952 photorevised 1973

St. Charles Bay SE, TX, dated 1952, photorevised 1973

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

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-01196

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. Mickey

Chief, Photogrammetric Section,
Rockville

Chief, Photogrammetry Branch,
Rockville

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	P. L. Evans, Jr.
<div style="text-align: right;"> <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify) </div>	
<div style="text-align: right;"> FIELD ACTIVITY REPRESENTATIVE OFFICE ACTIVITY REPRESENTATIVE <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.)	
OFFICE 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	FIELD (Cont'd) 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
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: P - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	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 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION											
NONFLOATING AIDS OR LANDMARKS FOR CHARTS										ORIGINATING ACTIVITY											
										<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)											
CHARTING NAME		REPORTING UNIT (If field party, ship or office) Coastal Mapping Unit		STATE		LOCALITY		DATE		METHOD AND DATE OF LOCATION (See instructions on reverse side)					CHARTS AFFECTED						
		CM-8208		TP-01196		Texas		San Antonio Bay to Corpus Christi Bay													
OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM		LATITUDE		LONGITUDE		OFFICE					FIELD				
								° / ' " D.M. Meters		° / ' " D.P. Meters											
LIGHT	*Aransas Bay Light 1							228 08	00.573	96 54	39.274	82B(C) 1052 12-6-82					11314 11315				
LIGHT	*Aransas Bay Light 7							28 07	03.774	96 55	28.132	82B(C) 1051 12-6-82					11314				
LIGHT	*Aransas Bay Light 13							28 06	04.749	96 56	18.801	82B(C) 1051 12-6-82					11314				
LIGHT	*Aransas Bay Light 19							28 05	09.7	96 57	05.6	82B(C) 1017 12-6-82					11314				
LIGHT	*Aransas Bay Light 25							28 04	08.889	96 57	57.076	82B(C) 1018 12-6-82					11314				
LIGHT	Aransas Bay Light 31							28 03	13.2	96 58	45.4	82B(C) 1018 12-6-82					11314				
	*Positioned by Aerotriangulation.																				

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	P. L. Evans, Jr.
<div style="text-align: right;"> ORIGINATOR <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify) </div>	
<div style="text-align: right;"> FIELD ACTIVITY REPRESENTATIVE </div>	
<div style="text-align: right;"> OFFICE ACTIVITY REPRESENTATIVE <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.)	
OFFICE 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	FIELD (Cont'd) 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
FIELD 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 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	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
	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vls.' and date. EXAMPLE: V-Vls. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

