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. Edition No.
TP-01195
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
MATAGORDA ISLAND
19 82 TO 19
REGISTERED IN ARCHIVES

NOAA FORM 76-36A U. S. DEPARTMENT OF COMMERCE (3-72) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	TYPE OF SURVEY	SURVEY TP-01195
A THOSPHERIC ADMIN.	ORIGINAL	MAP EDITION NO. (1)
DESCRIPTIVE REPORT - DATA RECORD	RESURVEY	MAP CLASS III (Final)
DESCRIPTIVE REPORT - DATA RECORD	REVISED	лов як. <u>СМ-8208</u>
PHOTOGRAMMETRIC OFFICE		
Coastal Mapping Unit	TYPE OF SURVEY	
Atlantic Marine Center, Norfolk, VA	ORIGINAL	JOB PH
OFFICER-IN-CHARGE	RESURVEY	SURVEY DATES:
A. Y. Bryson, CDR	REVISED	19TO 19
I. INSTRUCTIONS DATED		
1. OFFICE	2. F	ELO
Aerotriangulātión July 8, 1985	Control	March 9, 1983
Compilation October 28,1985		
II. DATUMS		-
1 MARIANTAL MARIANTANTAL MARIANTAL MARIANTANTAL MARIANTANTAL MARIANTANTAL MARIANTANTANTANTANTANTANTANTANTANTANTANTANTA	OTHER (Specify)	
1. HORIZONTAL: XX 1927 NORTH AMERICAN		
XX MEAN HIGH-WATER	OTHER (Specify)	
2. VERTICAL:		
MEAN SEA LEVEL		
3. MAP PROJECTION	4. GF	RID(S)
		ZONE
Lambert Conformal Conic Projection	Texas	South
5. SCALE 1:20,000	STATE	ZONE
III. HISTORY OF OFFICE OPERATIONS	<u> </u>	
OPERATIONS	NAME	DATE
	J. Taylor	Sept 1985
METHOD: Analytic LANDMARKS AND AIDS BY	J. Taŷlor	Sept 1985
2. CONTROL AND BRIDGE POINTS PLOTTED BY	J. Taylor	Sept 1985
METHOD: Calcomp 718 CHECKED BY	D. Norman	Sept 1985
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY	P. Evans	Jan 1986
COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY	F. Mauldin N.A.	Jan 1986
SCALE: 1:20,000 CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY	P. Evans	Jan 1986
CHECKED BY	F. Mauldin	Feb 1986
METHOD: Smooth drafted CHECKED BY	N.A.	
	N.A.	T 1006
HYDRO SUPPORT DATA BY SCALE: 1:20,000 CHECKED BY	P. Evans F. Mauldin	Jan 1986 Feb 1986
5. OFFICE INSPECTION PRIOR TO X HELXXXXXXXX Final Revieway	F. Mauldin	Feb 1986
ВҮ	N.A.	
6. APPLICATION OF FIELD EDIT DATA 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 11. MAP REGISTERED - COASTAL SURVEY SECTION BY	P Dampsey	may 1986
NOAA FORM 76-36A SUPERSEDES FORM C&GS 181 SERIES	caring	
	 U.S. G.P.O. 	. 1972~769382/582 REG.#6

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NOAA FORM 76-36B {3-72}	CO	TP-01195 MPILATION SO		IIC AND ATMOSPHER	ENT OF COMMERCE IC ADMINISTRATION IAL OCEAN SURVEY
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild R.C. 10(B) (F.L. = Wild R.C. 10(C) (F.L. =	= 152.74 mm) = 88.46 mm)		PHOTOGRAPHY GEND	TIME RE	FERENCE
TIDE STAGE REFERENCE		(C) COLOR	•	ZONE Central	XX)STANDARD
REFERENCE STATION RECORD TIDE CONTROLLED PHOTOGRA		(P) PANCHRO		MERIDIAN 90th	DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE	OF TIDE
82 B(C) 1012-1014 / 82 B(C) 1066-1071 /	12/6/82 12/6/82	11:28 12:28	1:50,000	0.1 ft. bel 0.1 ft. bel	
83 C(I) 0765-0769′	11/20/83	14:42	1:50,000	0.2 ft. bel	ow MHW
REMARKS *Tidal stage at **Tidal stages for the reference station re 2. SOURCE OF MEAN HIGH-WATER The mean high	infrared photocords. LINE: water line wa	as compiled	re determined	ased on prediction of the second seco	ton Pier 21
of the above listed ment methods. Tide assist in the compil area.	coordinated 1	MHW infrared	l photographs	were used to	graphically
3. SOURCE OF MEAN LOW-WATER There was no			ine compiled	on this proje	ct.

SURVEY NUMBER DATE(S) SURVEY COPY USED SURVEY NUMBER DATE(S) SURVEY COPY USED 5. FINAL JUNCTIONS NORTH EAST SOUTH WEST TP-01194 TP-01196 No Survey No Survey REMARKS

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

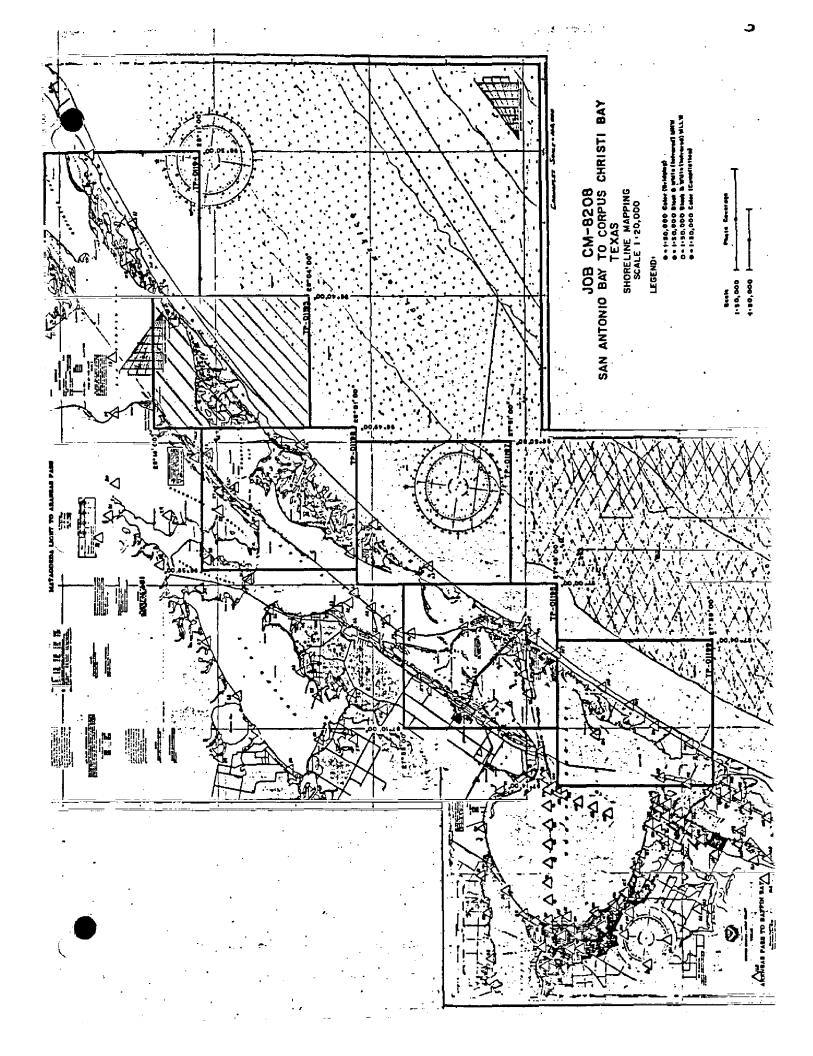
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	ABER OBJECT NAME
5. GEOGRAPHIC NAMES: REPORT TO NONE 6. BOUNDA	RY AND LIMITS: REPORT XX NONE
7. SUPPLEMENTAL MAPS AND PLANS	
None	
3. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geod 1. NOAA form 76-53 PROJECT DATA	desy Division)
1 NOAA form 75-63 Field Report	
1 NOAA form 76-52 1 NOAA form 76-156	

NOAA FORM 76-36D (3-72)

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

TP-01195 RECORD OF SURVEY USE

	,		RECO	RD OF SURVE	Y USE								
I. MANUSCRI													
<u> </u>	co	MPILAT	TION STAGE	<u> </u>			DATE MANUSCR	IPT FORWARDED					
DA	TA COMPILED		DATE	RE	MARKS		MARINE CHARTS	HYDRO SUPPORT					
Compilat	ion complete	Feb	. 1986	Class III	Manuscr	ipt ———	None	None.					
Final Rev	jiew	Mar	. 1986	Final Clas	ss III Ma	ap	April 1986	April 1986					
,			<u>-</u> .										
II. LANDMAI	RKS AND AIDS TO NAVIGA	TION											
1. REPOR	TS TO MARINE CHART DI	VISION	NAUTICAL	DATA BRANCH	<u></u>								
(Pages)	CHART LETTER NUMBER ASSIGNED		DATE WARDED			REM	ARKS						
1		Apri	IL 1986	Aid to Na	avigation	_for	Charting						
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=	PORT TO MARINE CHART												
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3. 🖾 sc	3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: III. FEDERAL RECORDS CENTER DATA 1. EX BRIDGING PHOTOGRAPHS; XX DUPLICATE BRIDGING REPORT; COMPUTER READOUTS. 2. EX CONTROL STATION IDENTIFICATION CARDS; FORM NOS 200 SUBMITTED BY FIELD PARTIES. 3. EX SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION 11, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:												
4. 🔲 D.	ATA TO FEDERAL RECOR	RDS CE	NTER, DAT	E FORWARDED:				_					
IV. SURVEY	EDITIONS (This section s				a edition is re								
4-4-115	TP -		PH .			~	TYPE OF SURVEY	SURVEY					
SECOND	DATE OF PHOTOGRAPH	- (2) - (Y	DATE OF FI		□ n.		MAP CLASS	FINAL					
	SURVEY NUMBER		JOB NUMBEI	R	L.J.11.		TYPE OF SURVEY						
THIRD	TP	(3)	PH			RE	VISED RE	SURVEY					
EDITION	DATE OF PHOTOGRAPH		DATE OF FI		MAP CLASS								
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EDITION	DATE OF PHOTOGRAPH	17	PH. REVISED RESURVEY MAP CLASS										



SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

TP-01195

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°40.0' to long. 96°49.0' and includes the southern segment of San Antonio Bay.

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-01195

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-01195

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:

Approved and Forwarded:

Don O. Horm

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

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

Sub. Pt. A Sub. Pt. B	81101 81102	0.0 0.0	0.0
SCRUB 3, 1972			
Sub. Pt. A Sub. Pt. B	30101 30102	0.0 0.0	0.0 0.0
MATAGORDA LIGHTHOUSE	61100	0.0	0.0
Corpus Christi Port Isabel LT. 15	T149	+0.8	+0.2

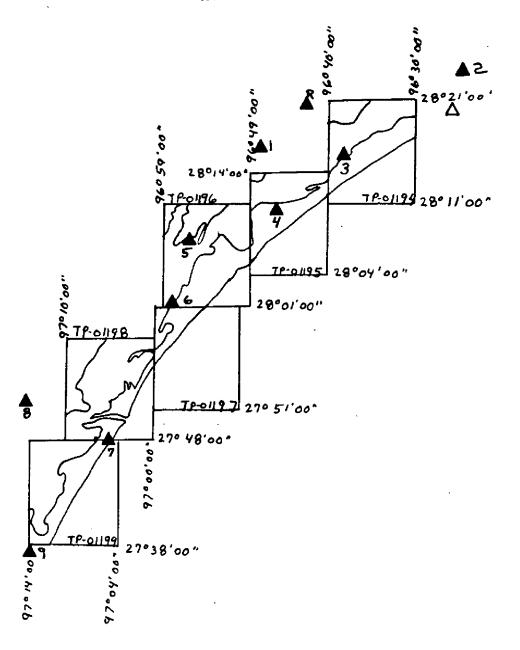
RATIO VALUES

CM-8208

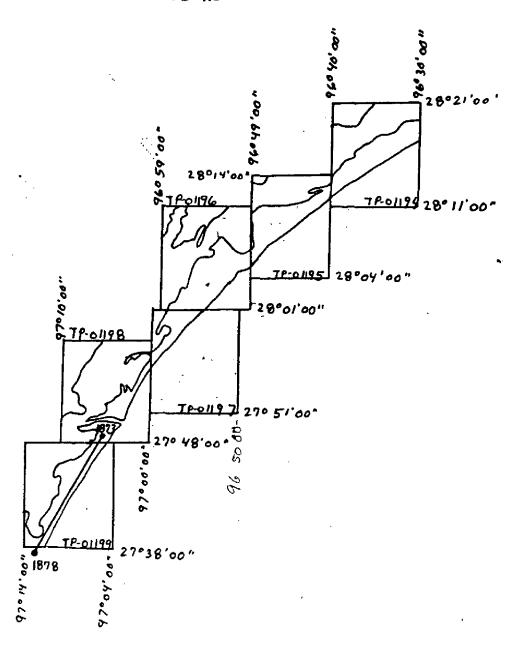
San Antonio Bay to Corpus Christi Bay, Texas

1:50,000 Color Bridging Photographs	Ratio Values
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
1:50,000 Black-and-White Infrared Photographs MHW	<u>Ratio Values</u>
1:50,000 Black-and-White Infrared Photographs MHW 83-CR-755 through 774	Ratio Values 2.53
83-CR-755 through 774	2.53
83-CR-755 through 774 83-CR-783 through 787	2.53

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

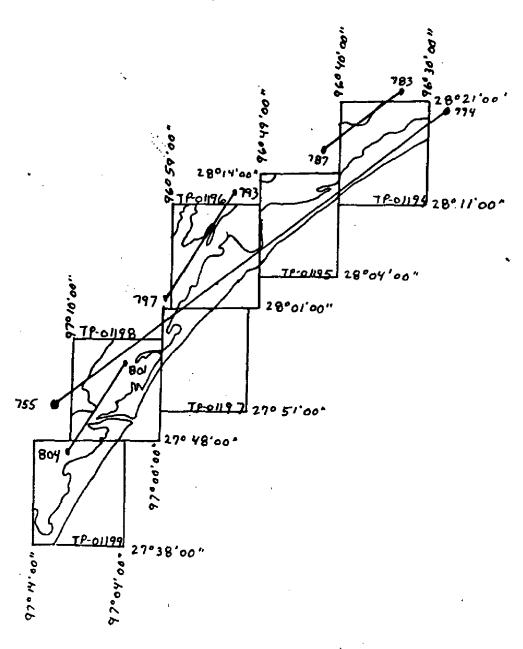


JOB CM-8208 SAN ANTONIO BAY TO CORPUS CHRISTI BAY TEXAS



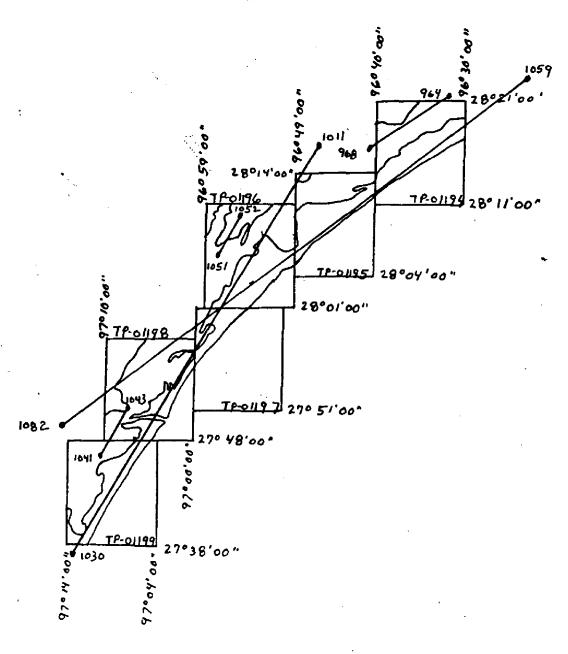
1984-CR-BLACK AND WHITE INFRARED MHW

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

NOAA FORM 76-41 (6-75)				l	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		
MAP NO.	ON BOF		GEODETIC DATUM	ORIGINATING ACTIVITY COASTAL	/ITY Coastal Mapping
$^{ m TP-01195}$	CM-8208		N.A. 1927	Unit, AMC, N	AMC, Norfolk, VA
	SOURCE OF	AEROTRI-	ATES	GEOGRAPHIC POSITION	
STATION NAME	INFORMATION (Index)	ANGULATION POINT NUMBER	zone South	φ LATITUDE λ LONGITUDE	REMARKS
	780063		2,559	\$ 28 10 34.6520	
SNAKE, 1911	Sta 1038	00169	<i>y</i> = 916,101,274	λ 96 45 46.8000	
			-χ	ф	
			=ħ	γ	
			zχ	ф	
			±ĥ	٧	
			<i>=</i> χ	ф	
			=ħ	٧	
			χ=	ф	
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			=X	ф	
			≂ĥ	γ	
			<i>=</i>	φ	
			y=	γ	
			χ=	φ	
			<i>=h</i>	γ	
			=χ	ф	
			-h	γ	
			χ=	ф	
			η= h=	_~	
COMPUTED BY		DATE	COMPUTATION CHECKED BY		DATE
LISTED BY P. L. Evans, Jr.		DATE 1/3/86	LISTING CHECKED BY F. Mauldin		DATE 2/11/86
		DATE	HAND PLOTTING CHECKED BY		DATE
		SUPERSEDES N	SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.	TH IS OBSOLETE.	

TP-01195

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 color photography was adequate. Infrared photo coverage was not provided for the northern shoreline of San Antonio, Bay which lies in the northwest portion of this map. Infrared coverage for the remainder of the map was complete; however, the quality of various ratio photos 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 no charted landmarks and $\underline{1}$ charted aid within the mapping limits of this manuscript. The $\underline{1}$ aid was verified photogrammetrically. Appropriate information was prepared on the 76-40 form 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
Panther Point, 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 11315, 18th edition, scale 1:40,000, dated May 25, 1985.

ITEMS TO BE APPLED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

TP-01195

Submitted by

P. L. Evans, Jr. Cartographic Technician 31 January 1986

Approved

Jan 1. Byrd for

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

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-01195

Big Brundrett Lake 914

Bray Cove

Cottonwood Bay

False Live Oak Point

Gulf of Mexico

Jones Lake

Little Brundrett Lake

Matagorda Island

Mustang Lake

Panther Point

Panther Point Lake

Point of Ayers Point of Ayres

San Antonio Bay

Second Chain of Islands

Shell Reef Bayou

Swan Lake

Approved:

Charles E. Harrington

Chief Geographer

Nautical Charting Division Charting and Geodetic Services

REVIEW REPORT SHORELINE

TP-01195

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
Panther Point, 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: 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-01195

Submitted by,

Juny L. Hancock

Jerry L. Hancock Final Reviewer

Approved for forwarding:

Billy & Barner

Billy H. Barnes, Chief, Photogrammetric Section, AMC

Approved,

Chief, hotogrammetric Section, Rockville

Chief, Photogrammetry Branch, Rockville

	DATE COMPLETION ACTIVITY MINAL REVIEWER OUTLITY CONTROL & DEVIEW GRD	Jan 1986 Coast Picot Branch (See reverse for essents)		(See instructions on reverse side) CHARTS		OFFICE FIELD	82B(C)1012 11313										_
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION K\$ FOR CHARTS	to	i Bay		S)	1	D.P. Meters	03.834					•			,		_
OCEANIC AND	OCALITY San Antonio Bay	ous Christi	1927	POSITION	LONG	ters	.96 48			<u> </u>	· [T	 _ __ _	_
NATIONAL WARKS FOR	Locality San An	Corpus	DATUM N.A.)d	LATITUDE	O D.M. Meters	, 20.455 28 13										_
NONFLOATING AIDS TOPRIXXANDWARKS FOR CHARTS	REPORTING UNIT STATE STATE	Norfolk, VA Texas Corpus Christi Bay HAVE NOT III been inspected from second to determine their value of landmarks	SURVEY NUMBER	TP-01195	DESCRIPTION	(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	Bay Light 67	by Aerotriangulation.			-						
п 567.		AMC.	NON BOC	CM-8208	30	(Record reason for deletion Show triengulation stations	*San Antonio Bay	*Positioned by ?				,					•
NOAA FORM 76-40 8-74 Replaces CRGS Form 567	X TO BE CHARTED TO BE REVISED	The following objection	OPR PROJECT NO.		1	NAME	LIGHT		 -								

TYPE OF ACTION		TESTONSIBLE PERSONNEL	
	NAKE THE PROPERTY OF THE PROPE	(E	ORIGINATOR
OBJECTS INSPECTED FROM SEAWARD			☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER (\$pecify)
F. SHI 10 NS DETERMINED AND/OR VERIFIED	*		FIELD ACTIVITY REPRESENTATIVE
	P. L. Evans, Jr.		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES			EVIEWER QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
<u>×</u>	INSTRUCTIONS FOR ENTRIES UNDER (Consult Photogramme)	FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64,	
OFFICE 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to	ATED OBJECTS (including month,	FIELD (Cont'd) B. Photogrammetric fie entry of method of date of field work	<pre>(Cont'd) Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photo-</pre>
identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	bject.	graph used to locate EXAMPLE: P-8-V 8-12-75	graph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 741 (2)2082
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows F - Field L - Located Vis - Visually V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 7 - Planetable 4 - Resection 7 - Planetable 4 - Resection 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.	NED OR VERIFIED data by symbols as follows: P - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant require entry of method of t of field work. ermined by field obser- upon ground survey methods.	II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a tri- angulation station is recovered, enter 'Tri 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.	W RECOVERED Id which is also a tri- is recovered, enter 'Triang. Ecovery. SUALLY ON PHOTOGRAPH Ate. OS.ITIONS are dependent bon control established ods.

SUPERSEDES NOAA FORM 76-40 (2-71) WHICH IS OBSOLETE, AND EXISTING STOCK SHOULD BE DESTROYED UPON RECEIPT OF REVISION,

NOAA FORM 76-40 (8-74)

수 U.S.GP0:1975-0-665-080/1155

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. _CM-8208_(TP-01195)

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 Revie

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification, Review Inspection Signed Via
	*		Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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FORM CAGS-8382 SUPERSEDES ALL EDITIONS OF FORM CAGS-978.

USCOMM-DC 8884-P63