

TP 00226

TP-00226

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Map No. TP-00226	Edition No. 1
Job No. CM-7702	
Map Classification FINAL, FIELD EDITED MAP	
Type of Survey SHORELINE	
LOCALITY	
State TEXAS	
General Locality SABINE PASS TO PASS CAVALLO	
Locality SAN LUIS PASS	
1977 TO 19 79	
REGISTRY 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

- ☒ ORIGINAL
- ☐ RESURVEY
- ☐ REVISED

SURVEY TP. 00226

MAP EDITION NO. (1)

MAP CLASS FINAL

JOB PH-CM-7702

## PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division  
Atlantic Marine Center, Norfolk, VA

## OFFICER-IN-CHARGE

Roy K. Matsushige

## 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 May 10, 1977

Aerotriangulation Oct. 3, 1977

Compilation Feb. 17, 1978

Amendment I Mar. 13, 1978

## 2. FIELD

Premarking Feb. 3, 1977

## 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)

Gulf Coast Low Water Datum

## 3. MAP PROJECTION

Lambert Conformal Conic

## 4. GRID(S)

STATE  
TexasZONE  
South Central5. SCALE  
1:20,000

STATE

ZONE

## III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	R. Kelly	Mar. 1978
METHOD: Analytic	LANDMARKS AND AIDS BY	None	
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	S. Solbeck	Feb. 1978
METHOD: Coradomat 21	CHECKED BY	S. Solbeck	Feb. 1978
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY	R. Kravitz	July 1978
COMPILATION	CHECKED BY	L. Neterer	July 1978
INSTRUMENT: Wild B-8	CONTOURS BY	NA	
SCALE: 1:15,000	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Kravitz	Aug. 1978
	CHECKED BY	F. Margiotta	Aug. 1978
METHOD: Smooth drafted and graphic	CONTOURS BY	NA	
	CHECKED BY	NA	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	NA	
	CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	F. Margiotta	Aug. 1978
6. APPLICATION OF FIELD EDIT DATA	BY	C. Blood	Aug. 1979
	CHECKED BY	I. Perkinson	Oct. 1979
7. COMPILATION SECTION REVIEW	BY	I. Perkinson	Oct. 1979
8. FINAL REVIEW	BY	J. Hancock	Dec. 1980
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	J. Hancock	Feb. 1981
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY	R. Kelly	JUNE 1981
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	sch. to. mcege	OCT 1981

NOAA FORM 76-36A

SUPERSEDES FORM C&amp;GS 181 SERIES

\* U.S. G.P.O. 1972-769382/582 REG.#6



NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

TP-00226

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8 "E" and R.C. 10 "C"		FOCAL LENGTHS 152.71mm 88.47mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES * <input checked="" type="checkbox"/> REFERENCE STATION RECORDS ** <input checked="" 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 (CST)	SCALE	STAGE OF TIDE			
** 77C(I)-2574-2579	Mar 7, 1977	10:15	1:40,000	At mean low water 0.7 ft. above MLW Range of Tide = 1.2 ft.			
* 77E(P)-9572-9587	Mar 7, 1977	14:53	1:30,000				
* Alternate photos. ** Alternate even numbers.							

REMARKS There is no tide coordinated M.H.W. infrared photography for this project, and photo-hydro support data is not required.

## 2. SOURCE OF MEAN HIGH-WATER LINE:

\* The mean high water line was compiled from the above listed compilation photography.

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

\*\* The mean low water line was compiled graphically from the above listed tide coordinated infrared low water photography.

## 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
OPR-K104-MI-79	Aug. 1979	H-9843			

## 5. FINAL JUNCTIONS

NORTH No survey	EAST TP-00227	SOUTH No survey	WEST TP-00225
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REMARKS

TP-00226

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Tibbetts	Feb. 1977
2. HORIZONTAL CONTROL	RECOVERED BY R. Tibbetts	Feb. 1977
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY R. Tibbetts	Feb. 1977
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
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 BY	
	<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 NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED  
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
77E(P)9578	MOTTO, 1933		

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)

1- Form 76-53, Field inspection report.

TP-00226

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	P. Walbolt	July, 1979
2. HORIZONTAL CONTROL	RECOVERED BY P. Walbolt ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY None	July, 1979
3. VERTICAL CONTROL	RECOVERED BY NA ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY NA	
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 BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY P. Walbolt	July, 1979
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  
None2. VERTICAL CONTROL IDENTIFIED  
NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)  
77E(P)9572-4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED  
None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE7. SUPPLEMENTAL MAPS AND PLANS  
None

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

Field edit report, Field edit ozalid

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00226  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Aug. 1978	Class III manuscript Superseded	Aug. 8, 1978	Mar. 16, 1979
Field edit applied compilation complete	Aug. 1979	Class I manuscript	Feb. 21, 1980	Feb. 21, 1980
Final Review	Dec. 1980	Final Map	Feb. 27, 1981	

II. LANDMARKS AND AIDS TO NAVIGATION None

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

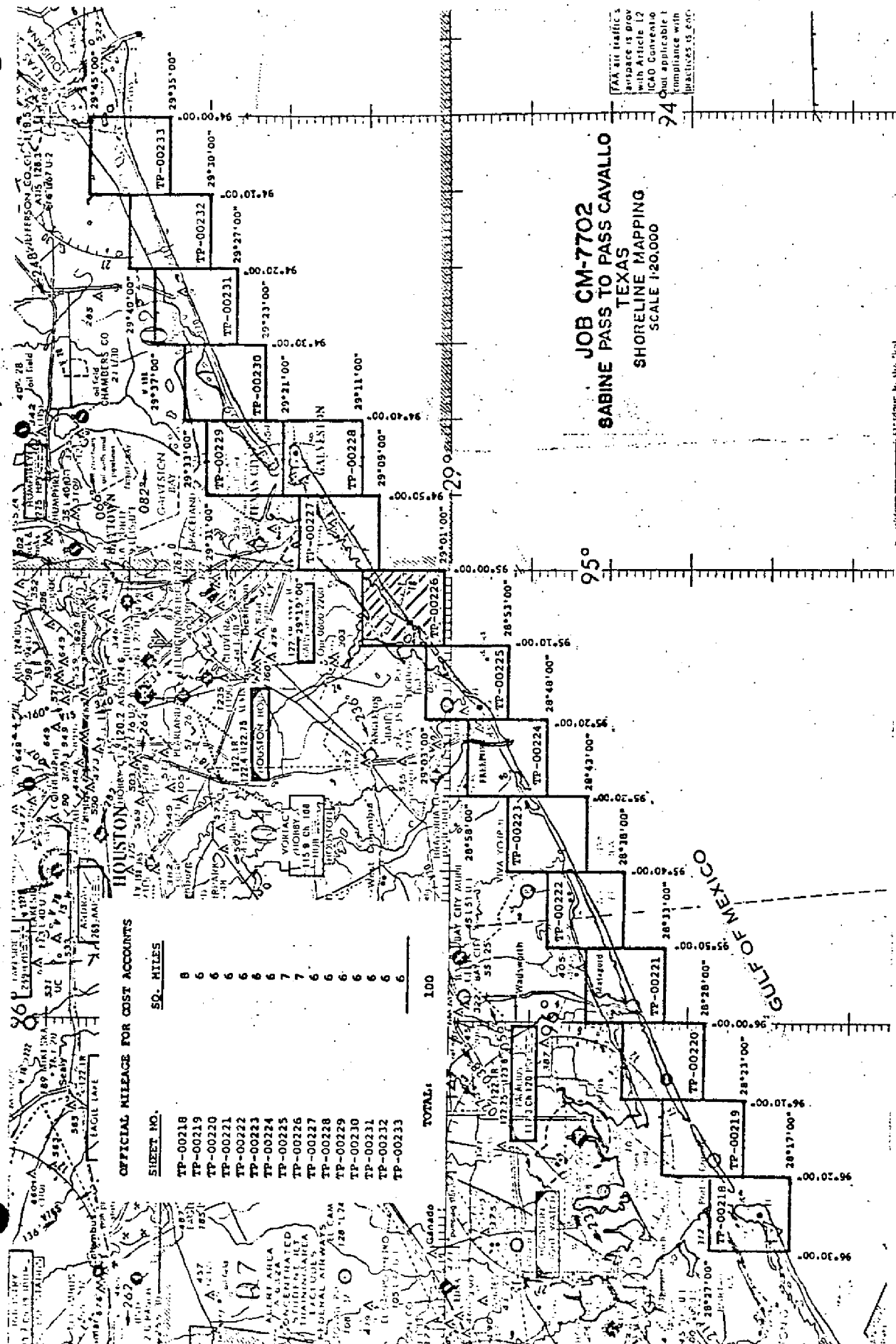
## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☐ COMPUTER READOUTS.  
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 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	



## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORTS

TP-00226

This 1:20,000 shoreline manuscript is one of 16 maps that comprise Project CM-7702 which covers an area from Sabine Pass to Pass Cavallo, Texas. Maps TP-00224 through TP-00233 were field edited and reviewed as Class I. Field edit was canceled via correspondence letter dated July 2, 1980 from the Chief, Photogrammetry Division for maps TP-00218 through TP-00223; these were reassigned to be reviewed and registered as Class III.

The purpose of these maps was to provide contemporary shoreline data in the support of hydrographic operations and to furnish data for nautical chart revision.

The contemporary hydrographic operation, K104-MI-78 & 79, consisted of six, 1:20,000 scale smoothsheets that were verified and registered at the time a final comparison with the shoreline maps was made. The hydrographic survey limits originated at Lat.  $29^{\circ}36'$ , Long.  $94^{\circ}15'$  and extended Southwest to Lat.  $29^{\circ}09'$ , Long.  $95^{\circ}02'$ , excluding the inshore areas of Galveston Bay Entrance, Bolivar Roads.

Field work prior to compilation was accomplished in March, 1977; this involved the establishment of horizontal and vertical control in order to meet aerotriangulation requirements. During this same period, tide observations were field recorded to assist in obtaining tide-coordinated low water photography.

Photo coverage for compilation and aerotriangulation was flown in March, 1977 with the "E" camera at a scale of 1:20,000 and 1:30,000 with panchromatic film. Tide-coordinated black and white infrared photography was taken at mean low water using the "C" camera at 1:40,000 scale.

Analytic aerotriangulation was adequately provided by the Washington Science Center.

Compilation was performed at the Atlantic Marine Center in August 1978, the field edit operation was completed in July 1979 and field edit data was applied in October 1979.

Final review was performed at the Atlantic Marine Center in December 1980. The original base manuscript and all pertinent data was forwarded to the Washington Science Center for final registration.



Tide coordinated photography for this project was taken March 7, 1977. Tidal datum depicted on this map is Mean Low Water. Reference should be noted in the National Ocean Survey Directive dated November 28, 1977, that Gulf Coast Low Water Datum is defined as Mean Lower Low Water when the type of tide is mixed and Mean Low Water when the type of tide is diurnal. This Directive is superseded by Federal Register/ Vol. 45, No. 207/dated Thursday, October 23, 1980, which changes the name "Gulf Coast Low Water Datum" to "Mean Lower Low Water."

## FIELD INSPECTION

TP-00226

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

See attached report on panelling of control.

Job CM-7702

3. Assignment

In accordance with advanced copy of field instructions, Job CM-7702 dated 1/24/77; Shoreline Mapping: Sabine Pass to Pass Cavallo, Texas was accomplished during February - March, 1977.

5. Horizontal Control

Recovery of horizontal control was limited to those stations needed to meet aerotriangulation requirements; recovery notes have been submitted for only those stations.

All station requirements as per control diagram were met except Circle Nos. 1; 6; 7; 16 and 18.

Circle No. 1. Could not be placed at the south end of the island as indicated on project diagram due to the unstable condition of the point. It was moved approximately three quarters mile northeast of indicated site, however, in the process of determining a position of this panel, a three point fix was taken on the south side of Pass Cavallo on a large concrete platform. The Fix Point (SAL, 1977) was premarked with array No. 3. Station BM 754 (USE) 1934 could not be recovered. A traverse was run from STATION PIERCE, 1931. Obstruction at the panel site made it impossible to turn through the panel site, so TP-03 is the home station for Circle No. 6.

Station BM 692 (USE) 1932 could not be recovered. A traverse was run from STATION McNEEL, 1854 to Panel site. Both traverses were double run.

Permission could not be obtained to place a panel at STATION LONE, 1934. Permission was received from Mr. Van Scoy of Rockville, Maryland to move the panel to SABINE PASS, Southwest Base, 1874. STATION TURN, 1934 was also photo-identified.

6. Premarking of Control

All stations were marked as reported on control station identification card (Form 152).

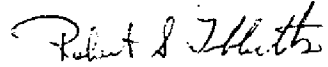
8. Tide Observations and Records for Tide-Coordinated Photography

Level connection was made to BM 43, 1957; BM 44, 1957 and BM E 168, 1936, before photography and BM 43, 1957 after photography, and was recorded on NOAA Form 76-77. Tape readings were recorded on Form 277 (NOAA 77-53).

## 13. Report

The field party was instructed by CAM513 to forward data through AMC.

Submitted by,



Robert S. Tibbetts  
Chief, Photo Party 62

Photogrammetric Plot Report  
Sabine Pass To Pass Cavallo, Texas  
Job CM-7702  
March 1978

21. Area Covered

This report covers sixteen 1:20,000 sheet;

TP-00218	TP-00223	TP-00228
TP-00219	TP-00224	TP-00229
TP-00220	TP-00225	TP-00230
TP-00221	TP-00226	TP-00231
TP-00222	TP-00227	TP-00232
		TP-00233

of Sabine Pass To Pass Cavallo, Texas.

22. Method

Four strips of 1:30,000 scale and two strips of 1:20,000 scale panchromatic photography taken with the "E" camera were bridged by analytic aerotriangulation methods and adjusted to ground on the Texas Stateplane Coordinate System, South Central Zone.

Alternate exposures were used for bridging where possible, because of the 80 percent endlap. Photographs had to be renumbered for strip adjustment program. Tide-coordinated, black-and-white infrared photography 1:40,000 scale taken with the "C" camera at MLW were tied to the 1:20,000 and 1:30,000 scale bridging photography for shoreline compilation of 1:20,000 scale maps, by means of positioning common points to determine the exact ratios. Tie points were used to augment datum between bridging strips. Ruling of manuscripts and plotting of points were done on the Coradomate and forwarded to AMC.

23. Adequacy of Control

In recovering panel number 16 for station Turn, 1934 panel was found to be out of position. It was not known if panel was moved before or after photographing so three substitute stations were established. The panel and three sub. stations were read in bridging strip number one. It was determined in the adjusting of strip one that the panel had not been moved before photographing. Substitute station one and two were not very good image points, therefore they were very difficult to point on in the instrument. Substitute station number three was a good image point and held in the adjustment.

All other control held within the accuracy required by National Standards of maps at 1:20,000 scale.

Closures on strip number five adjustment were slightly high for a third degree adjustment. This is probably because of the narrow models and minimum amount of control (5 stations) for a strip of 41 models.

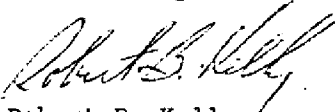
24. Supplemental Data

Local shoreline on U.S. Geological Survey quadrangles were used to provide elevations for vertical adjustments of bridges.

25. Photography

The photography was adequate as to placement of flight lines, consistent quality, definition and absent of haze.

Submitted by,

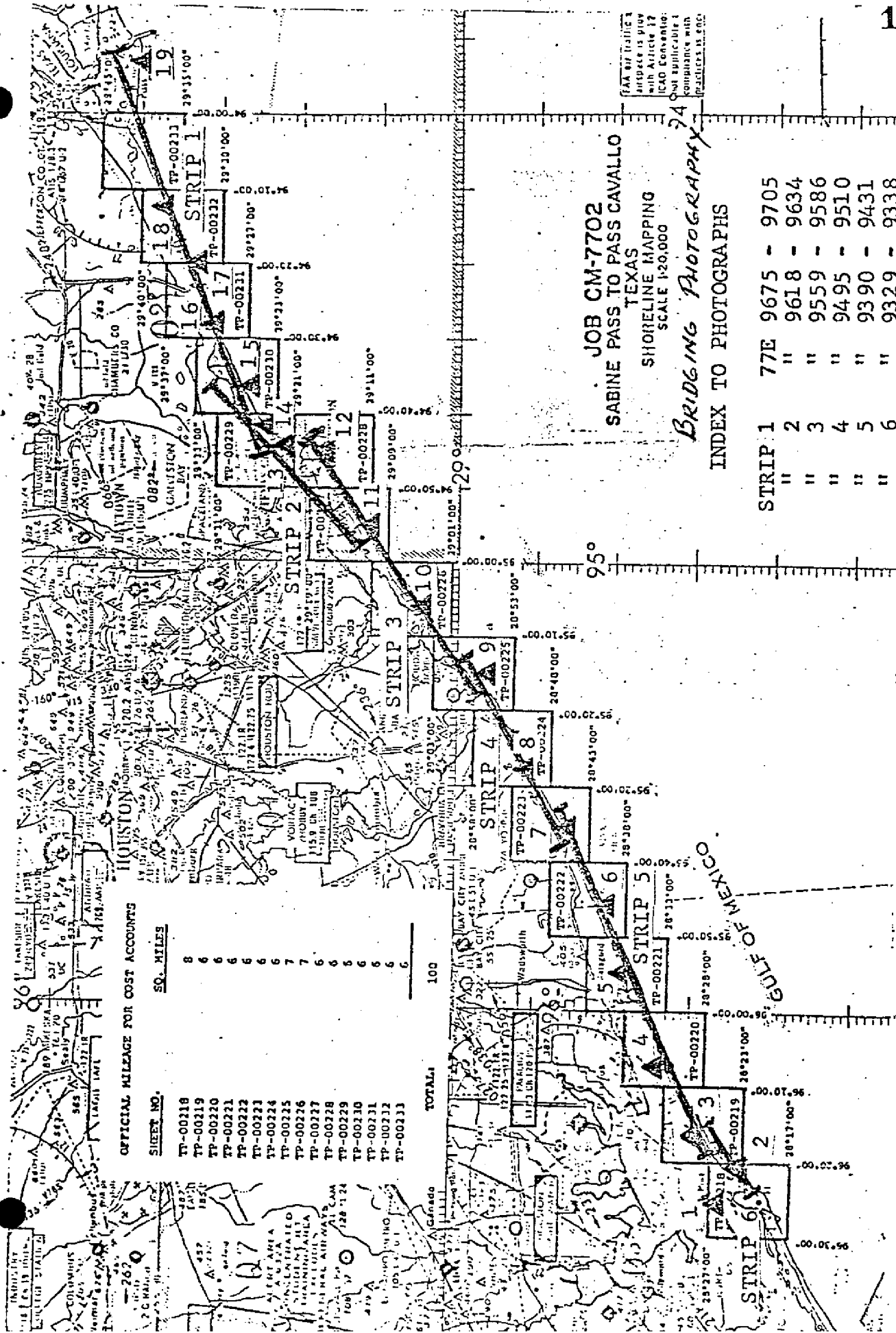
  
Robert B. Kelly

Approved and forwarded:



Don O. Norman  
Acting Chief, Aerotriangulation Section





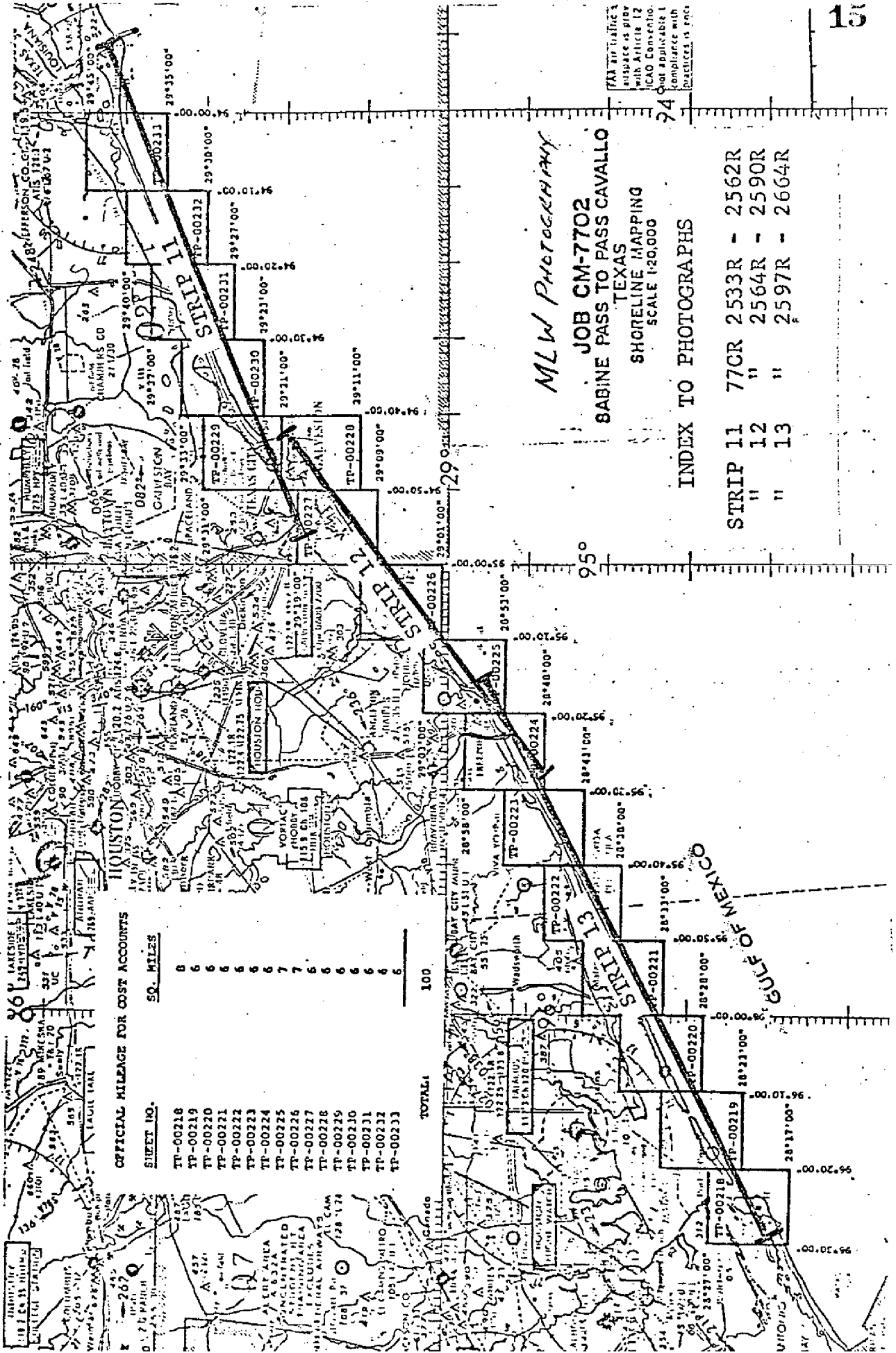
JOB CM-7702  
SABINE PASS TO PASS CAVALLO  
TEXAS  
SHORELINE MAPPING  
SCALE 1:20,000

BRIDGING PHOTOGRAPHY  
INDEX TO PHOTOGRAPHS

STRIP 1	77E	9675	-	9705
"	"	"	-	9634
"	"	"	-	9586
"	"	"	-	9510
"	"	"	-	9431
"	"	"	-	9338

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00218	8
TP-00219	6
TP-00220	6
TP-00221	6
TP-00222	6
TP-00223	6
TP-00224	6
TP-00225	7
TP-00226	7
TP-00227	6
TP-00228	6
TP-00229	6
TP-00230	6
TP-00231	6
TP-00232	6
TP-00233	6
TOTAL:	100



*MLW PHOTOGRAPHY*

JOB CM-7702  
SABINE PASS TO PASS CAVALLO  
TEXAS  
SHORELINE MAPPING  
SCALE 1:20,000

INDEX TO PHOTOGRAPHS

STRIP 11 77CR 2533R - 2562R  
" 12 " 2564R - 2590R  
" 13 " 2597R - 2664R

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	50. MILES
TP-00218	8
TP-00219	6
TP-00220	6
TP-00221	6
TP-00222	6
TP-00223	6
TP-00224	6
TP-00225	7
TP-00226	7
TP-00227	6
TP-00228	6
TP-00229	6
TP-00230	6
TP-00231	6
TP-00232	6
TP-00233	6
TOTAL	100

THIS DRAWING  
MADE IN  
CONFORMANCE  
WITH ARTICLE 12  
OF THE  
FEDERAL  
LAND  
MANAGEMENT  
ACT OF 1920  
AND  
COMPLIANCE  
WITH  
THE  
REQUIREMENTS  
OF THE  
BUREAU  
OF LAND  
MANAGEMENT

KEY TO NUMBERED CONTROL  
STATIONS USED IN ADJUSTMENT  
AND CLOSURES

1 SAL, 1977	- .000, - .000
2 PANEL #1 H-62-01, 1977	.000, .000
3 OSGOOD 2, 1906	- .006, - .005
4 SULA, 1934	-4.286, 5.561
5 CRAB, 1934	3.950, -2.254
6 EAST POINT, 1883	-1.260, -2.740
7 PIERCE, 1931 (TARGET #6), 1977	- .430, 2.067
8 MC NEEL, 1852 (TARGET #7), 1977	- .000, - .000
9 WELL (USE) 1912	.002, .001
10 MOTTO, 1933	.375, - .549
11 OSTER, 1933	.112, - .105
12 JACINTO, 1933	.598, - .338
13 TRAVIS, 1933	1.062, -4.842
14 PARRS GROVE (USE), 1900	- .043, .079
15 PATTON, 1932	- .507, - .104
16 GILCHRIST 2, 1963	.448, - .675
17 TURN. 1934	1.460, 4.103
18 MEAD RM #3, 1963	- .067, .164
19 SABENE PASS, SOUTH WEST BASE 1874, 1963	.031, .056

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00226	JOB NO. CM-7702	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS	
				STATE TEXAS	ZONE South Central	$\phi$ LATITUDE	$\lambda$ LONGITUDE			
MOTTO, 1933		290952 Page 1028	568100	X=		$\phi$		Coastal Mapping Div: Norfolk, VA.		
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$ 29°05' 44.338"				1365.0 (482.2)
				Y=		$\lambda$ 95°06' 39.416"				1065.9 (556.6)
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
				X=		$\phi$				
				Y=		$\lambda$				
COMPUTED BY A.C. Rauck, Jr.			DATE 4/12/78	COMPUTATION CHECKED BY J. Moler		DATE 4/14/78				
				LISTING CHECKED BY J. Moler		DATE 4/12/78				
				HAND PLOTTING CHECKED BY		DATE				

## COMPILATION REPORT

TP-00226

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. The mean low water line was compiled graphically from tide coordinated infrared low water photography. Control of this photography was by the selection of shore-line pass points common to these photos and to the compilation photography. Photo hydro-support data was not required, nor prepared.

32. CONTROL:

See the attached Photogrammetric Plot report, dated March, 1978.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office inspection of the ratioed photographs.

The mean high water line was office edited and refined from the ratioed photographs, after being compiled on the stereo-plotter.

36. OFFSHORE DETAILS:

No unusual problems.

TP-00226

37. LANDMARKS AND AIDS:

There are no charted landmarks or aids within the mapped area of this manuscript.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached form 76-36B, item 5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

Refer to the Photogrammetric Plot Report, dated March 1978.

46. COMPARISON WITH EXISTING MAPS:

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

Christmas Point, Texas, scale 1:24,000, 1965

San Luis Pass, Texas, scale 1:24,000, 1963

Sea Isle, Texas, scale 1:24,000, 1963.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey Chart No. 11322, scale 1:40,000, 10th edition, dated October 23, 1976.



TP-00226

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

*Robert R. Kravitz*Robert R. Kravitz  
Cartographic Technician

Date: August 1, 1978

Approved:

*Jim Byrd for*Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section.

ADDENDUM TO THE COMPILATION REPORT

TP-00226

FIELD EDIT

Field edit was adequate.

9/19/80

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7702 (Sabine Pass to Pass Cavallo, Texas)

TP-00226

Bay Harbor (Pp1)

Follets Island

Galveston Island

Gulf of Mexico

San Luis Island

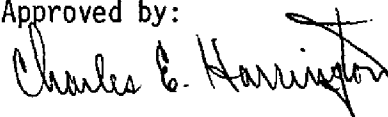
San Luis Pass

Sea Isle

Terramar Beach (Pp1)

West Beach

Approved by:

Charles E. Harrington  
Chief Geographer, C3x5

## PHOTOGRAMMETRIC OFFICE PRE-HYDRO AND FIELD EDIT REVIEW

23

TP- 00026

1. PROJECTION AND GRIDS F.P.M.	2. TITLE F.P.M.	5. HORIZONTAL CONTROL F.P.M.	11. DETAIL POINTS AND PASS POINTS F.P.M.
12. SHORELINE F.P.M.	13. LOW-WATER LINE F.P.M.	14. ROCKS, SHOALS, ETC. F.P.M.	20. WATER FEATURES F.P.M.
15. BRIDGES F.P.M.	16. AIDS TO NAVIGATION F.P.M.	17. LANDMARKS F.P.M.	18. and 26. ALONGSHORE AND OTHER PHYSICAL FEATURES
19. and 30. ALONGSHORE AND OTHER CULTURAL FEATURES F.P.M.	PROCESSED RATIOS	27. ROADS F.P.M.	28. BUILDINGS F.P.M.
29. RAILROADS F.P.M.	23. and 25. CONTOURS AND SPOT ELEVATIONS NA	33. GEOGRAPHIC NAMES F.P.M.	34. JUNCTIONS F.P.M.
35. LEGIBILITY OF THE MANUSCRIPT F.P.M.	36. FIELD EDIT OZALID F.P.M.	10. PHOTOGRAMMETRIC PLOT REPORT F.P.M.	37. COMPILATION REPORT F.P.M.
40. REVIEWER F. Margiotta		SUPERVISOR Albert C. Rauck, Jr.	

41. REMARKS
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## PHOTOGRAMMETRIC OFFICE POST-HYDRO AND FIELD EDIT REVIEW

3. MANUSCRIPT NUMBERS	FORMAT STICK-UP	4. MANUSCRIPT SIZE	5. HORIZONTAL CONTROL
7. PHOTO HYDRO STATIONS IKP	9. PLOTTING OF SEXTANT FIXES IKP	12. SHORELINE IKP	13. LOW-WATER LINE IKP
14. ROCKS, SHOALS, ETC. IKP	15. BRIDGES IKP	16. AIDS TO NAVIGATION IKP	17. LANDMARKS IKP
18. PHYSICAL FEATURES IKP	19. CULTURAL FEATURES IKP	20. WATER FEATURES IKP	PIPELINES, CABLES, ETC. IKP
24. and 25. CONTOURS AND SPOT ELEVATIONS NA	27. ROADS IKP	28. BUILDINGS IKP	29. RAILROADS IKP
33. GEOGRAPHIC NAMES IKP	34. JUNCTIONS IKP	38. FIELD EDIT PHOTOGRAPHS IKP	36. FIELD EDIT OZALID IKP
37. FIELD EDIT REPORT IKP	GEOGRAPHIC FIX POSITIONS IKP	39. FIELD FORMS IKP	APPROVED TIDES None

COMPILER Charles Blood, Aug. 1979	DATE Aug. 1979	40. REVIEWER Irene Perkinson, Oct. 1979	DATE Oct. 1979	SUPERVISOR Albert C. Rauck, Jr.
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43. REMARKS
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## FIELD EDIT REPORT, MAP TP-00226, JOB CM-7702

51. METHODS

Edit was done by truck, by walking, and by offshore inspection with skiff.

Neither end of the cable area shown on Chart 11322 could be found; the entire area was searched by foot, to no avail.

52. ADEQUACY OF COMPILATION

Compilation appears very good; it will be complete and adequate upon application of the field edit.

54. RECOMMENDATIONS

The area in question at the south end of San Luis Pass was good when inspected; however this area is sand, and should bear the "Subject to Constant Change" note on the Charts. According to the owner of the Fishing Pier, the Tidal pond has not gone dry for the last two years; an extra high tide will wash over the foreshore into the pond.

56. GEOGRAPHIC NAMES

No names discrepancies were found during this edit.

57. LANDMARKS AND AIDS TO NAVIGATION

There are no aids or landmarks on this Map.

58. FIELD EDITOR

Field edit was performed by Philip B. Walbolt and Ralph A. Harrell.

6 July 1979  
Submitted by:

*Philip B. Walbolt*  
Philip B. Walbolt  
Chief, Photo Party 63

## SHORELINE

61. GENERAL STATEMENT:

See the summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the aforementioned U.S.G.S. Quadrangles listed in Item #46 of the Compilation Report. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

The contemporary hydrographic survey OPR-K104-MI-79, along the shoreline, was discontinued at Lat. 29°08.6', Long. 95°02.0'; consequently, west of this position a shoreline comparison will not be available as the coastal project progresses. A partial comparison was made with the existing coverage of verified smoothsheet H-9843, Aug. 1979, 1:20,000 scale. No significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 11322, 1:40,000, 14th Ed., Oct. 18, 1980. This revealed the absence of a previously charted pier on the South-west side of San Luis Pass. An investigation disclosed that the existing pier had been charted on the 1976 edition but omitted on the 1980 edition. This discrepancy was immediately reported by phone December 10, 1980 to the Gulf Coast Nautical Charting Section and the inaccuracy was verified through their records.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

*Jerry L. Hancock*  
Jerry L. Hancock  
Final Reviewer

Approved for forwarding:

*Billy H. Barnes*  
Billy H. Barnes  
Chief, Photogrammetric Branch, AMC

Approved: *John D. Perrine Jr.*  
Chief, Photogrammetric Branch, Rockville  
*for*

Approved: *Walter S. Simmons*  
Walter S. Simmons  
Chief, Photogrammetry Division