

TP- 00233

TP- 00233

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Map No.</i> TP-00233	<i>Edition No.</i> 1
<i>Job No.</i> CM-7702	
<i>Map Classification</i> Final, Field Edited Map	
<i>Type of Survey</i> Shoreline	
<b>LOCALITY</b>	
<i>State</i> Texas	
<i>General Locality</i> Sabine Pass to Pass Cavallo	
<i>Locality</i> Wiseman Lake	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           1977 TO 1978         </div>	
<b>REGISTRY IN ARCHIVES</b>	
<b>DATE</b>	

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-00232

MAP EDITION NO. (1)

MAP CLASS FINAL

JOB PH-CM-7702

## PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division, AMC,  
Norfolk, Virginia

## 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. 03, 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

Conic  
Lambert Conformal

## 4. GRID(S)

STATE

Texas

ZONE

South Central

## 5. 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		
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	Apr. 1978
COMPILATION	CHECKED BY	L.O. Neterer, Jr.	Apr. 1978
INSTRUMENT: Wild B-8	CONTOURS BY	NA	
SCALE: 1:15,000	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. Kravitz	Apr. 1978
	CHECKED BY	J. Byrd	May 1978
	CONTOURS BY	NA	
METHOD: Smooth drafted and graphic	CHECKED BY	NA	
	HYDRO SUPPORT DATA BY	NA	
SCALE: 1:20,000	CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	J. Byrd	May 1978
	BY	F. Margiotta	Jul 1978
6. APPLICATION OF FIELD EDIT DATA	CHECKED BY	L. Neterer	Aug. 1978
7. COMPILATION SECTION REVIEW	BY	L. Neterer	Aug. 1978
8. FINAL REVIEW	BY	J. Hancock	Sept. 1978
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	A. D. Waage	OCT 1981

NOAA FORM 76-36A

SUPERSEDES FORM C&amp;GS 181 SERIES



## COMPILATION SOURCES

02

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) 152.11mm FOCAL LENGTHS 88.47mm Wild RC 8 "E" & RC 10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES *				Central	<input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> REFERENCE STATION RECORDS **					
<input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY **				90th	
NUMBER AND TYPE	DATE	TIME (CST)	SCALE	STAGE OF TIDE	
** 77C(I)2541 - 2545	3/7/77	09:46	1:40,000	At Mean Low Water	
* 77E(P) 9702 - 9715	3/8/77	09:25	1:30,000	0.9 ft. above MLW	
*Alternate photos				Range of tide = 2.5 ft.	
**Alternate even numbers					

## REMARKS

There is no tide coordinated MHW 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 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	June 1978	H-9769			
MI-78					

## 5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No Survey	TP-00233	No Survey	TP-00231

## REMARKS

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

## 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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

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 ☒ 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.

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

## HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Wagner	June 1978
2. HORIZONTAL CONTROL	RECOVERED BY R. Wagner	June 1978
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
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 J. Dimare	June 1978
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 J. Dimare	June 1978
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

77C(I)2537 &amp; 2538

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
77C(I)2538	VOR		

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 field report, 1 field edit film ozalid

1 form 76-40

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

## RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	May 15/78	Class III manuscript, Superseded	Jun 15/78	May 31/78
Field edit applied. Compilation complete	July 1978	Class I manuscript	Aug 15/78	Aug 15/78
Final Review	Sept 1980	Final Map	Feb 27/81	

## II. LANDMARKS AND AIDS TO NAVIGATION

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

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Aug 15/78	Landmark for Charting

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Aug 15, 19783. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

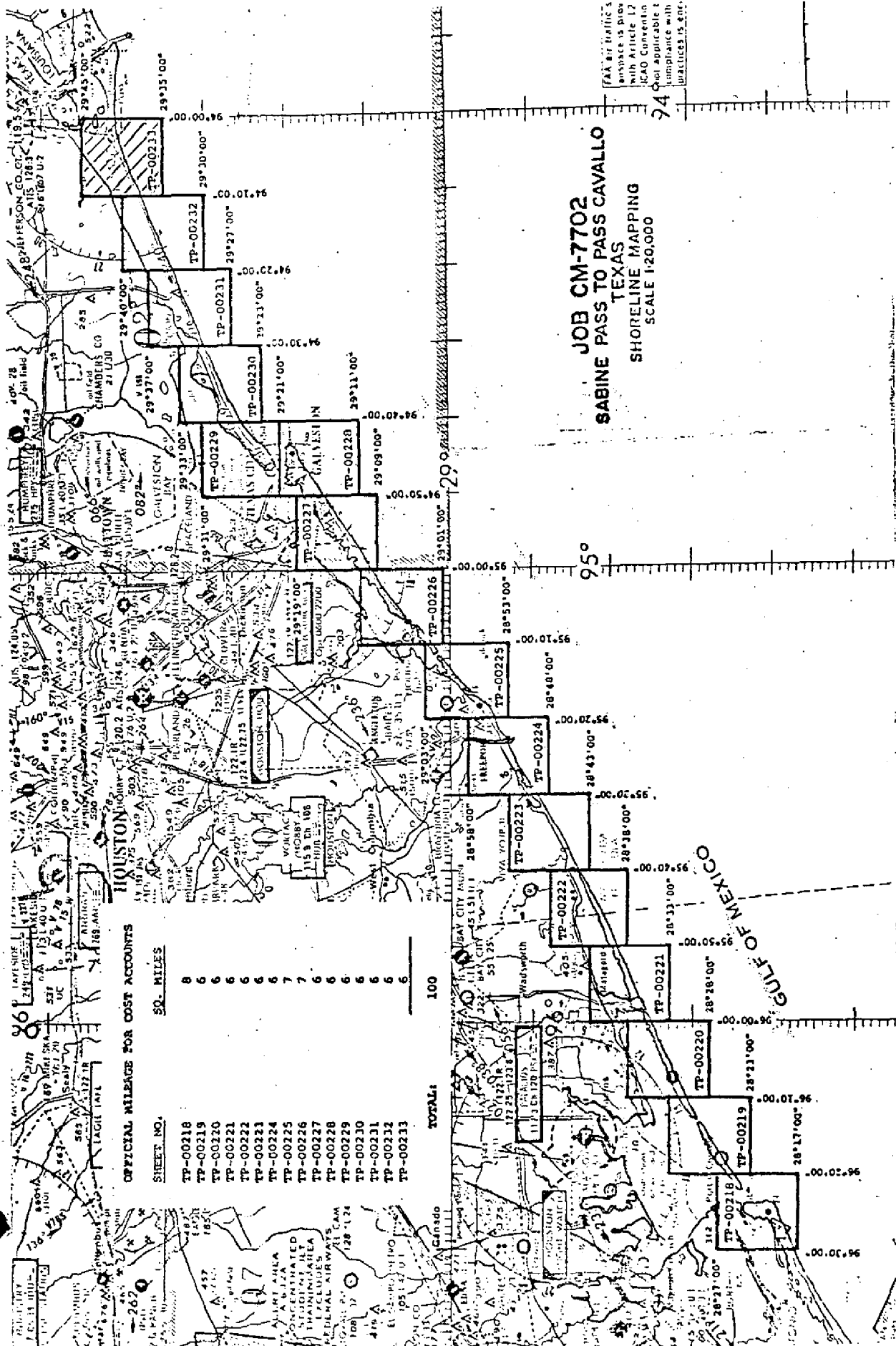
## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 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 - 00232

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-0233 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 in-shore area 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 May, 1978, the field edit operation was completed in June, 1978 and field edit data was applied in August, 1978.

Final review was performed at the Atlantic Marine Center in Sept. 1980. The original base manuscript and all pertinent data were 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-00233

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 STATON 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 statinns were marked as reported on control station identification card (Form 152).

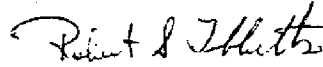
## 8. Tide Observations and Records for Tide-Coordinated Photography

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 State Plane 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.

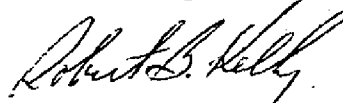
24. Supplemental Data

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,

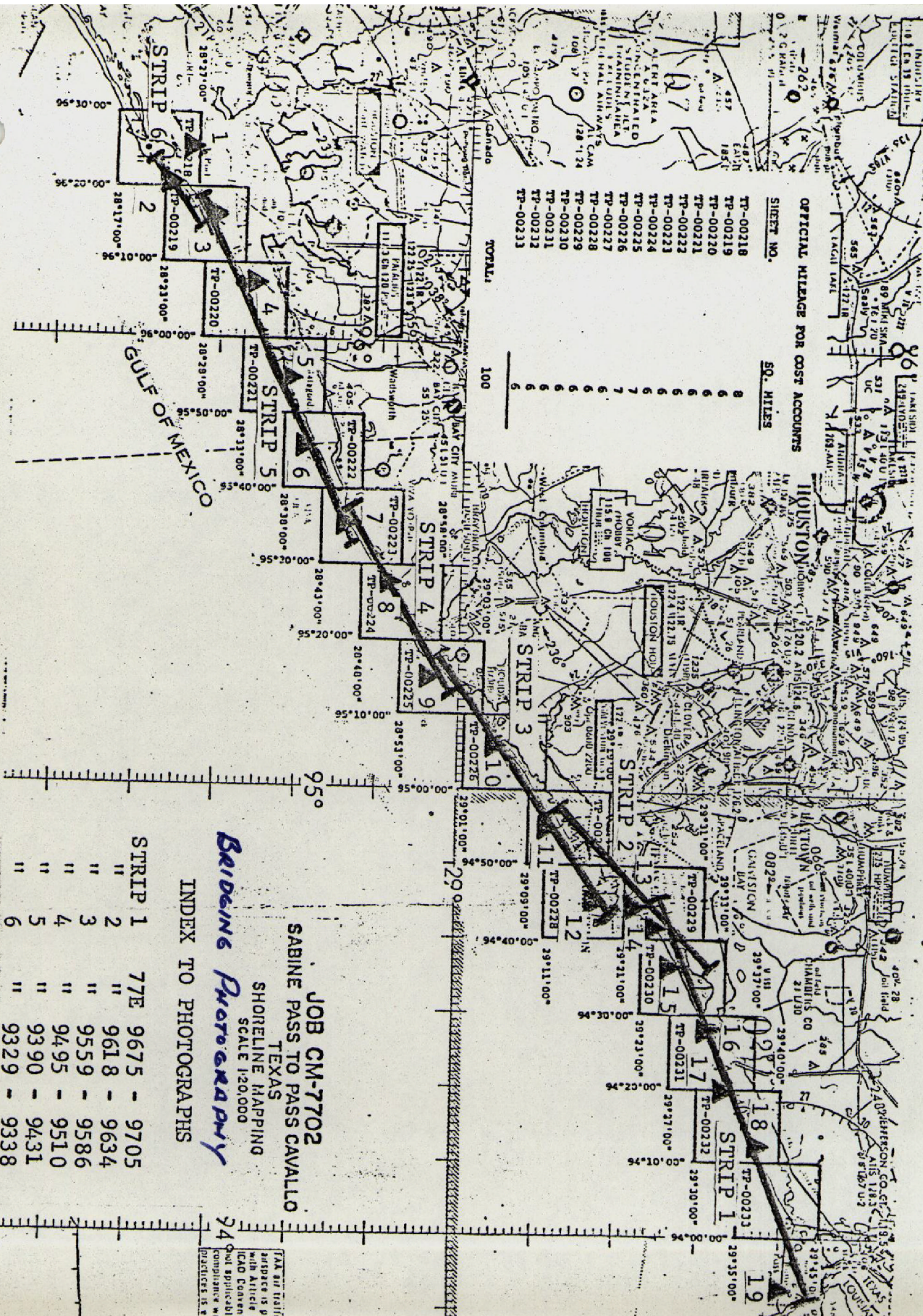
  
Robert B. Kelly

Approved and forwarded:



Don O. Norman  
Acting Chief, Aerotriangulation Section





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	6
TP-00226	6
TP-00227	6
TP-00228	6
TP-00229	6
TP-00230	6
TP-00231	6
TP-00232	6
TP-00233	6

TOTAL

100

INDEX TO PHOTOGRAPHS

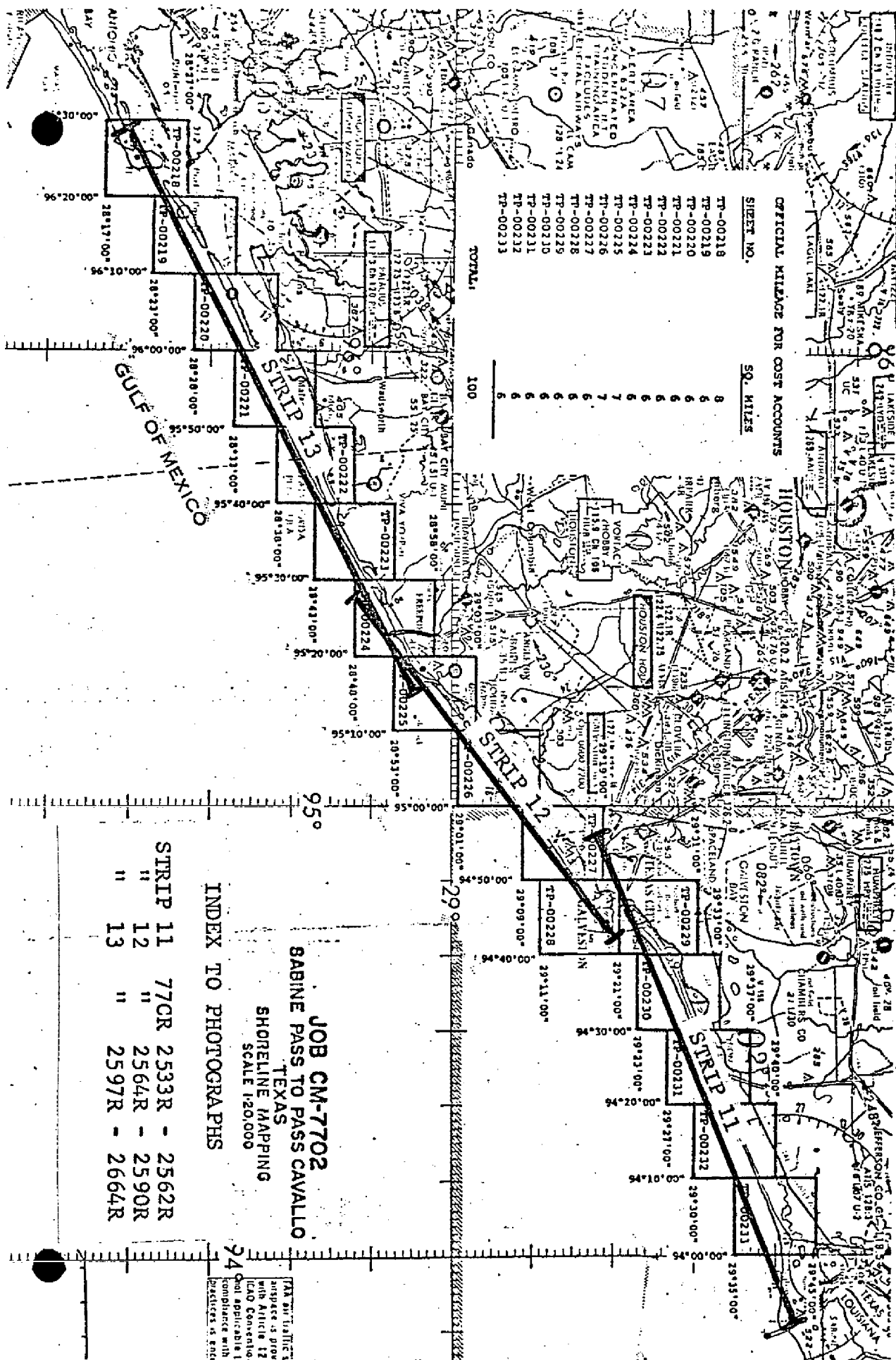
*Baldine Photography*

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

STRIP	1	2	3	4	5	6
77E	9675	9675	9675	9675	9675	9675
77E	9675	9675	9675	9675	9675	9675
77E	9675	9675	9675	9675	9675	9675
77E	9675	9675	9675	9675	9675	9675
77E	9675	9675	9675	9675	9675	9675
77E	9675	9675	9675	9675	9675	9675

FOR ALL TIDING  
SABINE PASS TO PASS CAVALL  
TEXAS  
SHORELINE MAPPING  
SCALE 1:20,000  
COMPLIANCE WITH  
PRACTICES IS NOT





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

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

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY	Mapping	
TP-00233	GM-7702	N.A. 1927	Division, AMC, Norfolk, VA		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	Geographic Position φ LATITUDE λ LONGITUDE	REMARKS
REBECCA 2, 1934	290941 Pg. 1032		X=	φ 29 40 48.3724	1489.4 (358.0)
			Y=	λ 94 01 54.6568	1469.6 (143.7)
BREEZE, 1963	290941 Pg. 1005		X=	φ 29 40 02.3462	72.2 (1775.2)
			Y=	λ 94 04 29.7147	799.1 (814.4)
GREEN, 1962	290941 Pg. 1019		X=	φ 29 40 04.227	130.1 (1717.3)
			Y=	λ 94 04 27.049	727.4 (886.1)
FADDEN, 1934	290941 Pg. 1009		X=	φ 29 39 20.2857	624.6 (1222.8)
			Y=	λ 94 06 50.5373	1359.2 (254.5)
B.M.U-1014, 1963	290941 Pg. 1010		X=	φ 29 39 14.4190	444.0 (1403.4)
			Y=	λ 94 06 53.2092	1431.1 (182.6)
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
			X=	φ	
			Y=	λ	
COMPUTED BY A. C. Rauck, Jr.		DATE 4/12/78	COMPUTATION CHECKED BY J. Moler		DATE 4/13/78
LISTED BY A. C. Rauck, Jr.		DATE 3/31/78	LISTING CHECKED BY J. Moler		DATE 4/12/78
HAND PLOTTING BY R. R. Kravitz		DATE 5/1/78	HAND PLOTTING CHECKED BY J. Moler		DATE 5/1/78

## COMPILATION REPORT

TP-00232

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 shoreline pass points common to these photographs 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. No drainage was compiled.

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:

None.

37. LANDMARKS AND AIDS:

There are no landmarks or aids on this manuscript.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

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

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 Photogrammetric Plot Report dated March, 1978

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U.S. Geological Survey Quadrangles: Star Lake, TX, scale 1:24,000, 1961; Clam Lake, TX, scale 1:24,000, 1961, photo revised 1970.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey Chart, No. 11332, scale 1:80,000, 14th edition, dated February 12, 1977.

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  
May, 1978

Approved:

*Jim Byrd for*

Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section



ADDENDUM TO THE COMPILATION REPORT

TP-00233

FIELD EDIT

Field edit was adequate.

One photogrammetrically located map feature was recommended by the field editor as a Landmark.

9/19/80

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

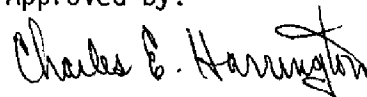
CM-7702 (Sabine Pass to Pass Cavallo, Texas)

TP-00233

Gulf of Mexico

MacFadden Beach (Ppl)

Approved by:

Charles E. Harrington  
Chief Geographer, C3x5

PHOTOGRAMMETRIC OFFICE PRE-HYDRO AND FIELD EDIT REVIEW

22

TP-00233

1. PROJECTION AND GRIDS JLB	2. TITLE LON	5. HORIZONTAL CONTROL JLB	11. DETAIL POINTS AND PASS POINTS JLB
12. SHORELINE JLB	13. LOW-WATER LINE JLB	14. ROCKS, SHOALS, ETC. JLB	20. WATER FEATURES JLB
15. BRIDGES JLB	16. AIDS TO NAVIGATION JLB	17. LANDMARKS JLB	18. and 26. ALONGSHORE AND OTHER PHYSICAL FEATURES JLB
19. and 30. ALONGSHORE AND OTHER CULTURAL FEATURES JLB	PROCESSED RATIOS JLB	27. ROADS JLB	25. BUILDINGS JLB
29. RAILROADS JLB	23. and 25. CONTOURS AND SPOT ELEVATIONS NA	33. GEOGRAPHIC NAMES JLB	34. JUNCTIONS JLB
35. LEGIBILITY OF THE MANUSCRIPT JLB	35. FIELD EDIT DIALID JLB	10. PHOTOGRAMMETRIC PLOT REPORT JLB	37. COMPILATION REPORT JLB
40. REVIEWER JIM BYRD, MAY 15, 1978		SUPERVISOR ALBERT C. RAUCK, JR.	

41. REMARKS

PHOTOGRAMMETRIC OFFICE POST-HYDRO AND FIELD EDIT REVIEW

3. MANUSCRIPT NUMBERS LON	FORMAT STICK-UP LON	4. MANUSCRIPT SIZE LON	5. HORIZONTAL CONTROL LON
7. PHOTO HYDRO STATIONS NA	9. PLOTTING OF SEXTANT FIXES LON	12. SHORELINE LON	13. LOW-WATER LINE LON
14. ROCKS, SHOALS, ETC. LON	15. BRIDGES LON	16. AIDS TO NAVIGATION LON	17. LANDMARKS LON
18. PHYSICAL FEATURES LON	19. CULTURAL FEATURES LON	20. WATER FEATURES LON	PIPELINES, CABLES, ETC. LON
24. and 25. CONTOURS AND SPOT ELEVATIONS NA	27. ROADS LON	28. BUILDINGS LON	29. RAILROADS LON
33. GEOGRAPHIC NAMES LON	34. JUNCTIONS LON	38. FIELD EDIT PHOTOGRAPHS LON	35. FIELD EDIT DIALID LON
37. FIELD EDIT REPORT LON	GEOGRAPHIC FIX POSITIONS LON	39. FIELD FORMS LON	APPROVED TIDES NA
COMPILER F. MARGIOTTA, JULY 1978	DATE	40. REVIEWER L.O. NETERER, JR. AUG. 14, 1978	DATE
		SUPERVISOR ALBERT C. RAUCK, JR.	

43. REMARKS

See 76-36c item #8

FIELD EDIT REPORT TP-00233, JOB CM-770251. METHODS

The shoreline was inspected from a truck and walking where necessary.

One landmark is recommended for charting. Form 76-40 is submitted.

Field edit notes will be found on the Master Field Edit Ozalid and photographs.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit.

53. MAP ACCURACY

No test required.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Not required.

Submitted: 6/27/78

*Joseph D. Di Mare*  
Joseph D. Di Mare  
Surveying Technician

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	J. Dimare
POSITIONS DETERMINED AND/OR VERIFIED	J. Dimare
	F. Margiotta
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	
ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>B. Photogrammetric field positions*</b> 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
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection P - Photogrammetric Vis - Visually 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	<b>II. TRIANGULATION STATION RECOVERED</b> 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 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
<b>*FIELD POSITIONS</b> are determined by field observations based entirely upon ground survey methods. <b>**PHOTOGRAMMETRIC FIELD POSITIONS</b> are dependent entirely, or in part, upon control established by photogrammetric methods.	



## REVIEW REPORT TP-00232

## 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:

A comparison was made with the final verified copy of smooth-sheet H-9769, June 1978 of the contemporary hydrographic survey OPR-K104-MI-78. The easterly limit for this hydrographic survey begins at Long.  $94^{\circ}15'$  and extends westerly to Long.  $95^{\circ}02'$ ; this incorporates only the western half of the shoreline map of which no significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with chart 11332, 1:80,000 scale, 16th ed., Feb. 17/79 and the applicable segment of chart 11331, 1:40,000 scale, 9th ed., Aug. 2/80. No significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the 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. Perrow Jr.*  
John D. Perrow Jr.  
Chief Photogrammetric Branch, Rockville

Approved:

*Walter S. Simmons*  
Walter S. Simmons  
Chief Photogrammetry Division