

TP-00709

TP-00709

NOAA FORM 76-35  
(6-80)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

<i>Map No.</i> TP-00709	<i>Edition No.</i> 1
<i>Job No.</i> CM-7604	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> CALIFORNIA	
<i>General Locality</i> POINT CONCEPTION TO POINT ESTERO	
<i>Locality</i> MORRO BAY	
1976 TO 19	
REGISTERED IN ARCHIVES	
DATE	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP- 00709 MAP EDITION NO. (1) MAP CLASS Class III Final JOB <del>PH</del> -CM-7604	
DESCRIPTIVE REPORT - DATA RECORD  PHOTOGRAMMETRIC OFFICE  Coastal Mapping Division, Norfolk, VA OFFICER-IN-CHARGE  Jeffrey G. Caron, CDR				LAST PRECEDING MAP EDITION			
				TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation June 10, 1976				Pre-marking January 12, 1976			
Compilation August 20, 1976				Tide Observations January 23, 1976			
II. DATUMS							
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN				OTHER (Specify)			
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL				OTHER (Specify)			
3. MAP PROJECTION  Lambert Conformal				4. GRID(S) STATE California ZONE 5			
5. SCALE 1:5,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				B. Thornton		Aug 1976	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				H. Jones		Aug 1976	
				H. Jones		Aug 1976	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				G. Morris		May 1977	
INSTRUMENT: Wild B-8				J. Byrd		May 1977	
SCALE: 1:7,500				N.A.			
				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				I. Perkinson		Dec 1977	
				J. Byrd		Dec 1977	
METHOD:				N.A.			
				N.A.			
SCALE: 1:5,000 HYDRO SUPPORT DATA BY				I. Perkinson		Dec 1977	
				J. Byrd		Dec 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				ENS J. Yennie		May 1978	
6. APPLICATION OF FIELD EDIT DATA BY				G. Morris		July 1978	
				J. Massey		July 1978	
7. COMPILATION SECTION REVIEW Class III BY				C. Blood		Sept 1984	
8. FINAL REVIEW Class III (Final) BY				C. Blood/J. Byrd		Sept 1984	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Byrd		Jan... 1985	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				J. Schad		May 1985	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E DAUGHERTY		JUN 85	

TP-00709  
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) (Focal length=  
Wild R.C.-10"B" 152.74 mm)

TYPES OF PHOTOGRAPHY  
LEGEND

TIME REFERENCE

TIDE STAGE REFERENCE

- ☒ PREDICTED TIDES  
☐ REFERENCE STATION RECORDS  
☒ TIDE CONTROLLED PHOTOGRAPHY

- (C) COLOR  
(P) PANCHROMATIC  
(I) INFRARED

ZONE

Pacific

☒ STANDARD

MERIDIAN

120th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
76B(C)2587-2590#	Mar 14, 1976	10:55	1:15,000	3.7 ft. above MLLW
76B(I)2828-2830*	Mar 15, 1976	10:49	1:15,000	0.17 ft. below MHW
76B(I)3215-3218**	Mar 21, 1976	11:12	1:15,000	0.15 ft. above MLLW
76B(I)2544*	Mar 14, 1976	09:58	1:15,000	0.02 ft. below MHW
				Mean Tide Range 3.5 ft.

REMARKS

#The stage of tide for 76B(C)2587 thru 2590 was determined from predicted tides for Morro Beach Estero Bay. MHW was computed to be MLLW plus 4.5 ft.

2. SOURCE OF MEAN HIGH-WATER LINE:

\*The mean high water line was compiled graphically from the above listed tide coordinated infrared photographs at mean high water.

3. SOURCE OF MEAN LOW-WATER LINE:

\*\*The mean lower low water line was compiled graphically from the above listed tide coordinated infrared photographs at mean lower low water line

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

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00707	TP-00708	TP-00710 1:20,000	No survey

REMARKS

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	March 1976
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY R. Melby PRE-MARKED OR IDENTIFIED BY L. Riggers	March 1976 March 1976 March 1976
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 N.A.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76B(C)2268	Dance Reference Mark: 1976		

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

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

2 Forms 277 (Tides book) cover entire project

1 Form 152

TP-00709  
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	Dec. 1977	Class III Manuscript	None	None
Field edit applied	July 1978	Class I Map (cancelled)	July 1978 Chart. Main	None
Final Review	Sept. 1984	Class III Map (Final)	May 1985	

## II. LANDMARKS AND AIDS TO NAVIGATION

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

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
0			None

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

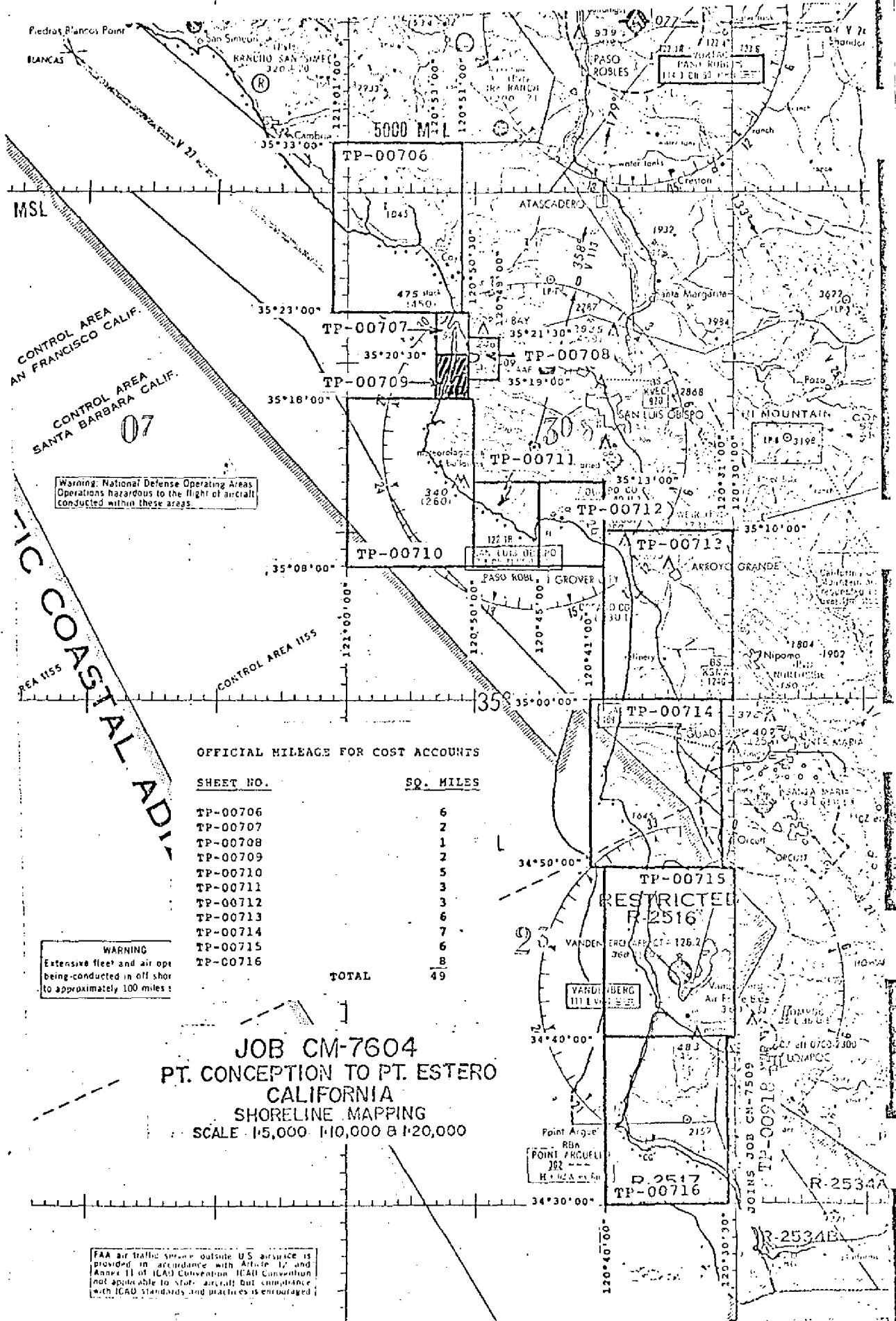
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.  
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

Field edit mylar ozalids were lost.

- 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 - _____	<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 - _____	<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 - _____	<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	



OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00706	6
TP-00707	2
TP-00708	1
TP-00709	2
TP-00710	5
TP-00711	3
TP-00712	3
TP-00713	6
TP-00714	7
TP-00715	6
TP-00716	8
TOTAL	49

JOB CM-7604  
PT. CONCEPTION TO PT. ESTERO  
CALIFORNIA  
SHORELINE MAPPING  
SCALE 1:5,000 1:10,000 & 1:20,000

FAA air traffic service outside U.S. airspace is provided in accordance with Article 17 and Annex 11 of ICAO Convention ICAO Convention not applicable to state aircraft but compliance with ICAO standards and practices is encouraged

Point Arguel  
RBA  
POINT ARGUEL  
282  
H. 12.5 mi. S. of Pt. Arguel

P. 2517  
TP-00716

R-2534A

JOBS JOB CM-7509  
TP-00918

R-2534B

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-00709

This 1:5,000 scale Class III shoreline manuscript is one of eleven maps designated as CM-7604, Point Conception to Point Estero, California.

The purpose of this project is to provide current charting information for nautical chart maintenance and to furnish support data for hydrographic operations.

This final Class III map portrays the south end of Morro Bay and the sand strip separating Morro Bay from the Pacific Ocean.

Field work prior to compilation consisted of the recovery and identification of the horizontal control necessary for the aerotriangulation of the project and establishing and monitoring tide gages while the photography was being taken for the tide coordinated infrared photographs. This activity was completed March 1976.

Photo coverage was adequately provided by natural color and tide coordinated infrared photographs. All photographs were taken with the RC-10 (B) camera, March 1976 at 1:15,000 scale. The black-and-white infrared photos were ratioed to the manuscript scale. They were used for graphic delineation of all detail and includes the MLLW and MHW lines.

Analytic aerotriangulation was adequately provided by the Washington Science Center in August 1976. Aerotriangulation operations included ruling the base manuscripts, determining ratio values for photographs and locating visible non-floating navigation aids and landmarks.

Compilation, based upon photo interpretation, was performed by the Coastal Mapping Unit at the Atlantic Marine Center December 1977. Compilation included the use of MHW and MLLW tide coordinated infrared photographs ratioed to the manuscript scale. Refer to the Compilation Report, Item #31 and NOS Form 76-36B for specific usage of the photography.

Project material was forwarded from AMC to PMC for field edit. Field edit was performed at PMC in conjunction with Hydrographic Survey OPR L-100-FA-78. The field edit material was lost and could not be verified at AMC during final review. The map was classified as a Class I map at PMC, but was reclassified as a Class III at AMC final review inspection.

Final review was performed at the Atlantic Marine Center August 1984. A Chart Maintenance Print was prepared and forwarded to the Marine Charts Branch.

TP-00709

This Descriptive Report contains all pertinent information used to compile this Final Class III map. The original base manuscript and all related data were forwarded to the Washington Science Center for final registration.



## FIELD INSPECTION

TP-00709

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification (premarking) of the horizontal control necessary for the aerotriangulation of the project. Tide gages were established and then monitored while the tide coordinated infrared photography was being flown.

Photogrammetric Plot Report  
Pt. Conception to Pt. Estero, California  
CM-7604  
August 1976

Area Covered

The area covered by this report is the southwest coast of California from Pt. Conception to Pt. Estero. This area is covered by six 1:20,000 scale sheets:

TP-00706  
TP-00710  
TP-00713 thru TP-00716

Two 1:10,000 scale sheets:

TP-00711  
TP-00712

Three 1:5,000 scale sheets:

TP-00707 thru TP-00709

Method

Four strips of color photography were bridged by analytic aerotriangulation methods. Three bridging strips were at a 1:60,000 scale and one strip at 1:30,000 scale photography.

The four strips were controlled by field identified control including some office identified control which was used as checks.

Common points were located on the bridging photography and the tide-controlled IR for ratio purposes. Ratios were ordered on August 11, 1976. In addition, common points were located on the bridging and compilation photography. The points read on the bridging strips are more than adequate for compilation purposes. Tie points were used in all four strips to insure an adequate junction of all strips during the adjustments. Sheets were ruled on the coradomat.

Adequacy of Control

Control checked well within map accuracy standards and is more than sufficient for its intended use at the varying manuscript scales.

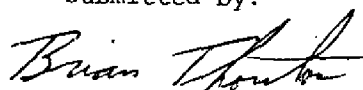
Supplemental Data

USGS quadrangles were used to provide vertical control for the strip adjustments.

Photography

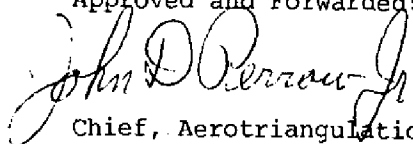
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by:

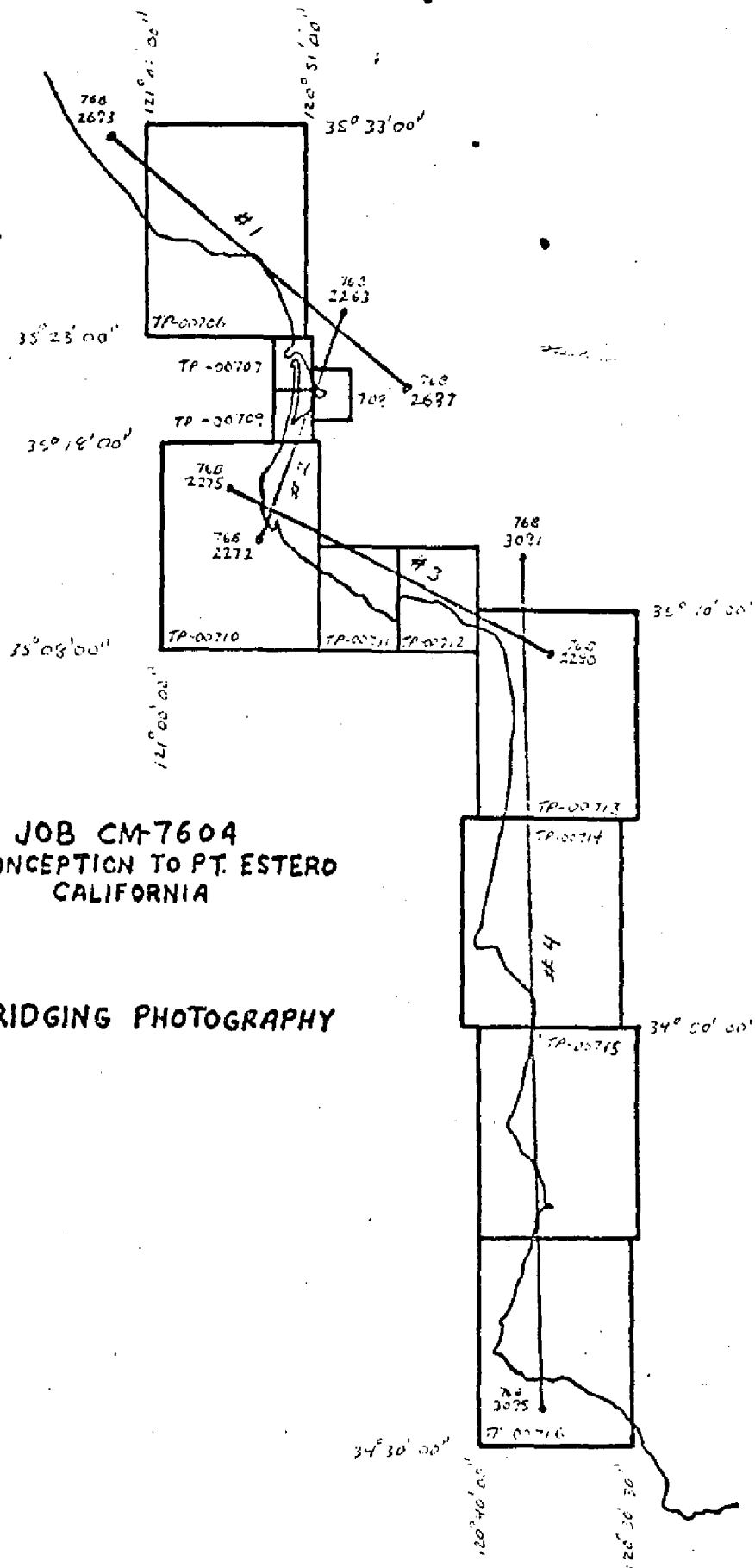


Brian F. Thornton

Approved and Forwarded:

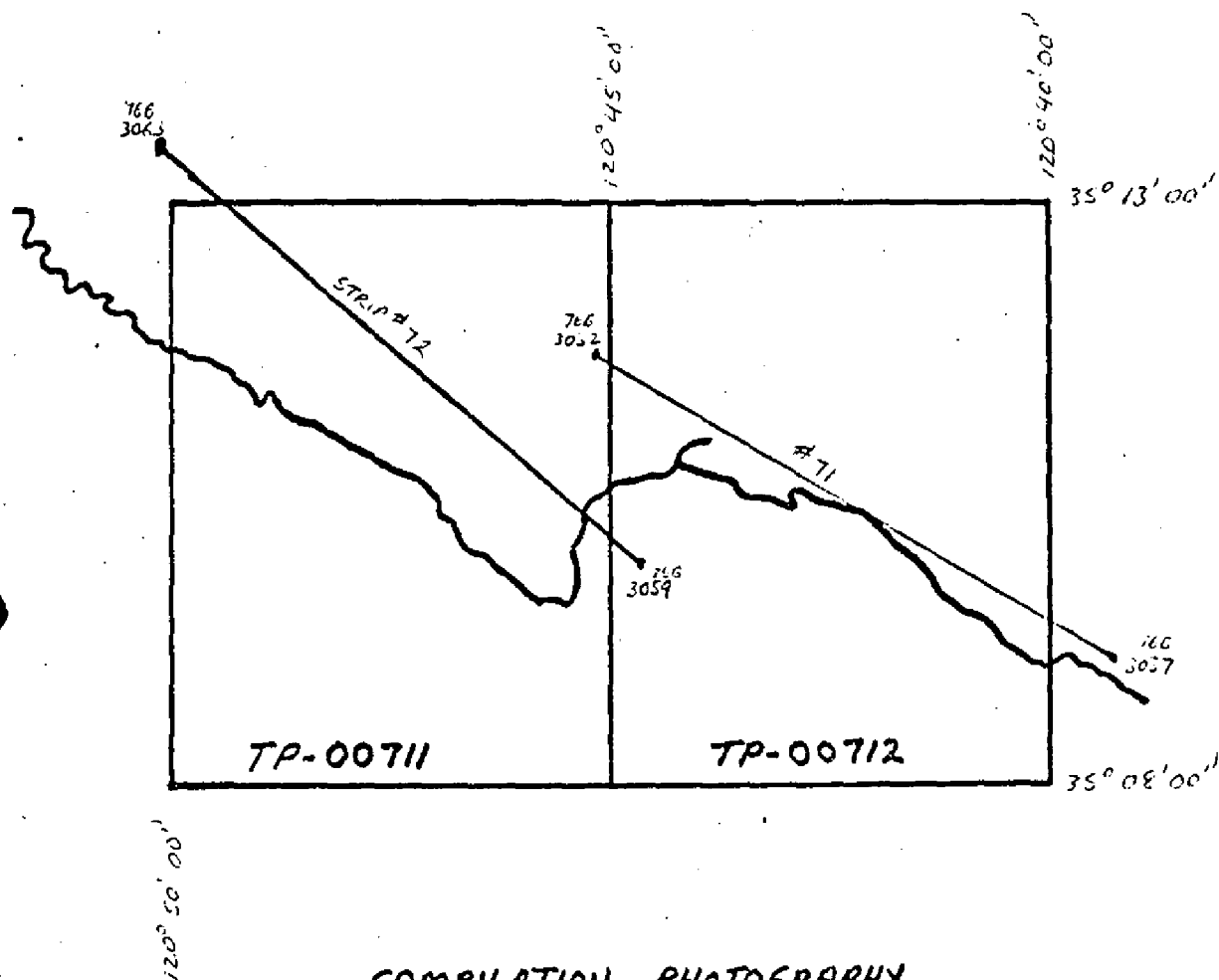


Chief, Aerotriangulation Section



JOB CM-7604  
PT. CONCEPTION TO PT. ESTERO  
CALIFORNIA

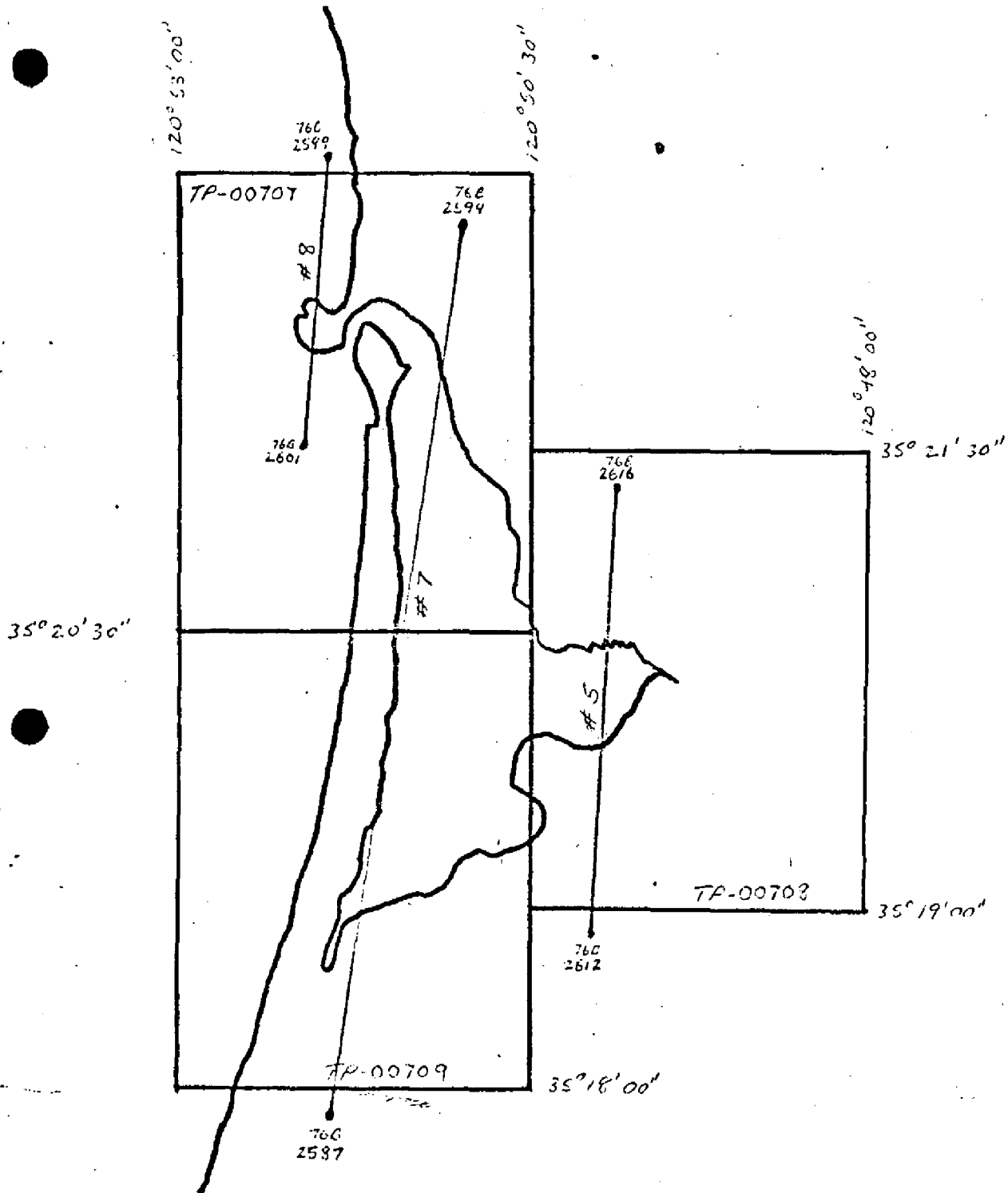
BRIDGING PHOTOGRAPHY



COMPILATION PHOTOGRAPHY

for

1:10,000 SHEETS



COMPILATION PHOTOGRAPHY  
FOR  
1:5,000 SHEETS

# Accuracy of Control Used In Strip Adjustment

	X	Y
STRIP #1 267100	-1.4	1.3
263100	-0.7	2.3
689100	-1.2	0.3
691100	0.6	-0.1
692100	-0.1	0.2

STRIP #2 263100	0.1	-0.1
267100	-0.2	0.7
268101	-0.3	-0.6
269100	0.6	-0.1
275100	-0.2	0.1

STRIP #3 275100	0.1	0.7
276100	0.1	-1.5
278100	-0.0	0.8
81100	0.4	0.0

STRIP #4 : STRIP #4 WAS SENT WITH JOB CM-7509

PT. CONCEPTION TO PT. HUENEME





## COMPILATION REPORT

TP-00709

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 1:30,000 scale bridging/compilation color photographs. Tide coordinated MHW infrared photographs were used to graphically compile the mean high water line. Tide coordinated MLLW infrared ratio photographs were used to graphically compile the approximate mean lower low water line. Control for graphic delineation was provided by the instrument compilation of shoreline detail and common image points.

32 - CONTROL

Horizontal control was adequate. Refer to the Photogrammetric Plot Report dated August 1976.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled by office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore detail compilation is described in Item 31. All detail is compiled as of date of the photography. The ratioed infrared tide coordinated photographs for both MLLW and MHW were used incorporating graphic methods.

36 - OFFSHORE DETAILS

None.

37 - LANDMARKS AND AIDS

No landmark or non-floating aid was charted within the manuscript. No probable landmarks were noted during compilation.

38 - CONTROL FOR FUTURE SURVEYS

None.

TP-00709

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5.

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to Item #32 of this Compilation Report.

46 - COMPARISON WITH EXISTING MAPS

The following U.S. Geological Survey Quadrangle was compared with the manuscript: Cayucos, CA, scale 1:62,500, dated 1951.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following NOS Charts: 18700, scale 1:216,116, dated, 11th edition, July 3, 1976; and 18703, scale 1:40,000, 12th edition, dated December 27, 1975.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

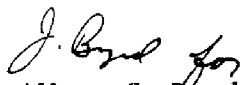
None.

Submitted by,



Irene Perkinson  
Cartographic Technician  
December 1977

Approved,



Albert C. Kauck, Jr.  
Chief, Coastal Mapping Section, AMC

April 27, 1984

17

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7604 (Point Conception to Point Estero, California)

TP-00709

Baywood Park (locality)

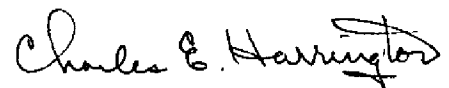
Cuesta-by-the-Sea

Estero Bay

Morro Bay

Morro Bay State Park

Approved by:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

REVIEW REPORT  
TP-00709  
SHORELINE

61 - GENERAL STATEMENT

See 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 following U.S.G.S. Quadrangle: Calucos, CA scale 1:62,500, dated 1951.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Survey H-9737, January-February 1978, 1:5,000 scale was used for comparison.

Changes were made during final review on the mean high water line and a pier at approximately Lat. 35°19.6', Long. 120°50.6'. Four areas of irregular ocean shoreline between Lat. 35°19' and Lat. 35°10' were also changed. These areas, in conflict with the previous Class I Map and H-9737, were annotated on a Hydro Print and forwarded to Hydro Surveys Branch.

65 - COMPARISON WITH NAUTICAL CHARTS

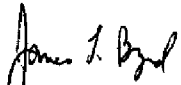
A comparison was made with the following NOS Charts: 18700, 1:216,116 scale, dated November 8, 1980, 13th edition; and 18703, scale 1:40,000 with 1:10,000 inset, dated June 11, 1983, 18th edition.

A final Class III Chart Maintenance Print indicating changes was prepared and forwarded to Marine Charts Branch.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

  
James L. Byrd  
Final Reviewer

Approved for forwarding,

*Billy H. Barnes*

Billy H. Barnes  
Chief, Photogrammetric Section, AMC

Approved,

*Robert M. Roddy*  
Chief, Photogrammetric Section, Rockville

*Ronald K. Brewer*  
Chief, Photogrammetry Branch,  
Rockville

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R.B. Crowell
POSITIONS DETERMINED AND/OR VERIFIED	R.B. Crowell
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J.V. Yennie
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** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object.</b> 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>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

[illegible]



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R.B. Crowell
POSITIONS DETERMINED AND/OR VERIFIED	R.B. Crowell
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	J.V. Yennie
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>1. 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>8. 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.</b> 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 are determined by field observations based entirely upon ground survey methods.</b> <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>	

### RECORD OF APPLICATION TO CHARTS

**FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.**

## 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 Re

[illegible]