

TP-00710

TP-00710

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00710	Edition No. 1
Job No. CM-7604	
Map Classification CLASS III (FINAL)	
Type of Survey SHORELINE	
LOCALITY	
State CALIFORNIA	
General Locality POINT CONCEPTION TO POINT ESTERO	
Locality POINT BUCHON	
19 76 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. <u>00710</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III (Final)</u> JOB <u>PH. CM-7604</u>	
DESCRIPTIVE REPORT - DATA RECORD							
PHOTOGRAMMETRIC OFFICE Coastal Mapping Div., Norfolk, VA				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR				JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation June 10, 1976 Compilation August 20, 1976				Pre-marking January 12, 1976 Tide Observations January 13, 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 checked="" 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 1:20,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				B. Thornton		Aug 1976	
METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				H. Jones		Aug 1976	
METHOD: <u>Coradomat</u> CHECKED BY				H. Jones		Aug 1976	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				G. Morris		Aug 1976	
COMPILATION CHECKED BY				J. Byrd		May 1977	
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY				N.A.			
SCALE: <u>1:30,000</u> CHECKED BY				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				F. Mauldin		Oct. 1977	
CHECKED BY				C. Blood		Dec 1977	
METHOD: CONTOURS BY				N.A.			
CHECKED BY				N.A.			
SCALE: <u>1:20,000</u> HYDRO SUPPORT DATA BY				F. Mauldin		Oct 1977	
CHECKED BY				C. Blood		Dec 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				C. Blood		Dec 1977	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY				None			
7. COMPILATION SECTION REVIEW <u>CLASS III</u> BY				C. Blood		Sept 1984	
8. FINAL REVIEW <u>CLASS III FINAL</u> BY				C. Blood, J. Bryd		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-00710

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) focal length=152.74 mm Wild R.C.-10"B"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Pacific MERIDIAN 120th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
76B(C) 2275-2277#	Mar 12, 1976	10:50	1:60,000	1.8 ft. above MLLW	
76B(I) 2517-2519*	Mar 14, 1976	09:40	1:30,000	0.10 ft. below MHW	
76B(I) 2385-2388*	Mar 13, 1976	08:58	1:30,000	0.20 ft. below MHW	
76B(I) 3463-3465**	Mar 23, 1976	12:13	1:30,000	0.02 ft. above MLLW	
76B(I) 2966-2969**	Mar 15, 1976	14:20	1:30,000	0.14 ft. below MLLW	
				Mean Tide Range 3.5	

REMARKS

#Bridge and compilation photography. Predicted tides
MHW at subordinate station--4.5 ft. Morro Beach, Estero Bay

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:

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

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-00709 1:5,000	TP-00711 1:10,000	No survey	No survey

REMARKS

TP-00710

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	Jan. 1976
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L. Riggers	Jan. 1976
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 <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76B(C) 2276	Roy, 1933		
76B(C) 2277	Spooner, 1932		
76B(C) 2270	Zard, 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)

3-Forms 152

TP-00710
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.	Oct. 1977	Class III manuscript	Dec. 1980	None
Final Review, Class III	Sept. 1984	Final Class III map	May 1985	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		May 1985	Landmarks for Charts

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

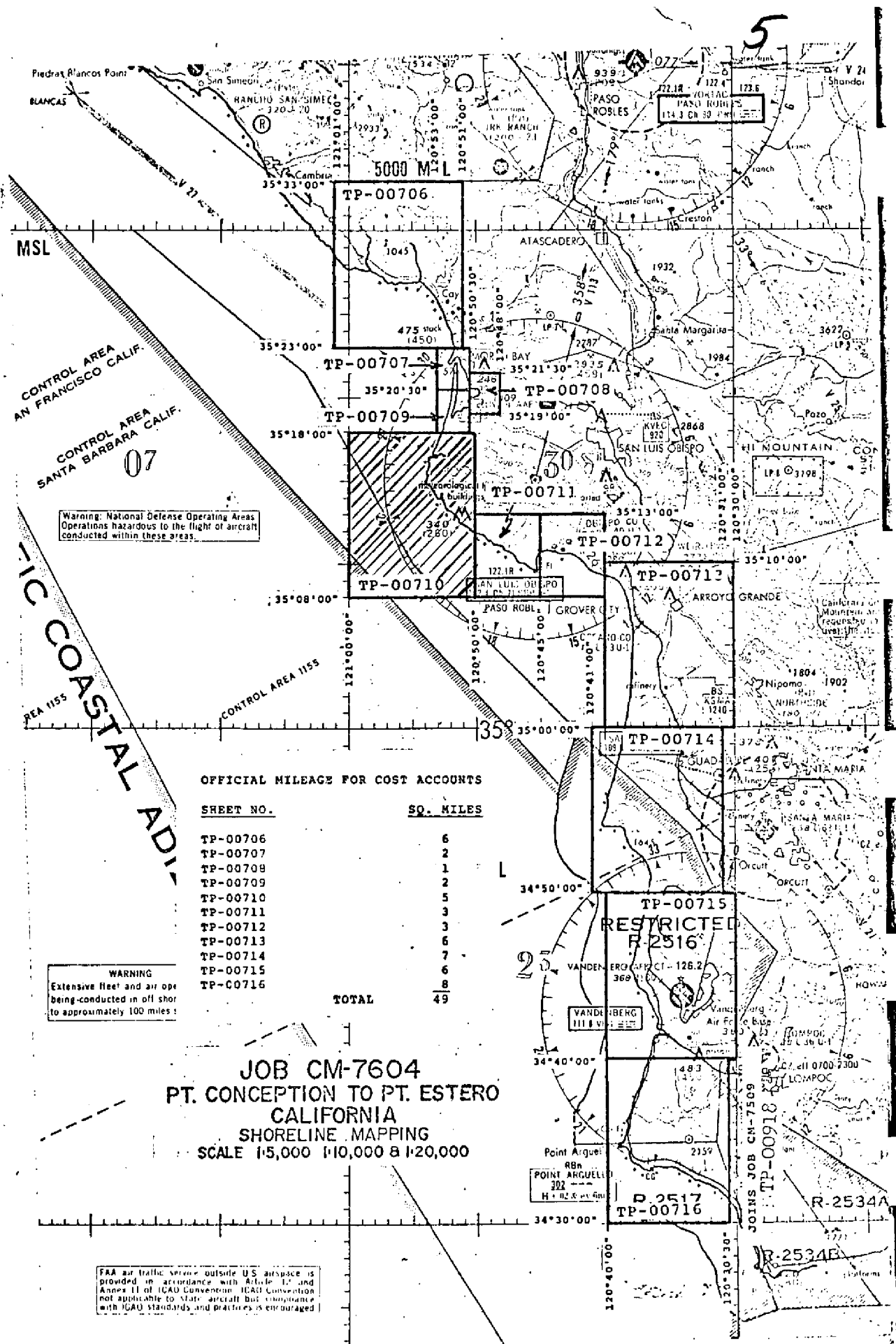
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

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 - _____	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	



CONTROL AREA
AN FRANCISCO CALIF.

CONTROL AREA
SANTA BARBARA CALIF.

Warning: National Defense Operating Areas
Operations hazardous to the flight of aircraft
conducted within these areas.

IC COASTAL ADI

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

WARNING
Extensive fleet and air ops
being conducted in off shore
to approximately 100 miles

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 12 and
Annex 11 of ICAO Convention. ICAO Convention
not applicable to state aircraft but compliance
with ICAO standards and practices is encouraged.

POINT ARGUEL
302
H-102K-100

JOINS JOB CM-7509
TP-00918

R-2534A

R-2534B

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00710

This 1:20,000 scale final Class III shoreline map is one of eleven maps designated as project CM-7604, Point Conception to Point Estero, California.

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

This final Class III map portrays a portion of rocky bluff shoreline from Latitude 35°11.7' to Latitude 35°18'.

Field work prior to compilation consisted of the recovery and identification of horizontal control necessary for the aerotriangulation of the project and establishing and monitoring tide gages while the photography was 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. The color photographs required for aerotriangulation and compilation were at 1:60,000 scale. The black-and-white infrared photos were taken at 1:30,000 scale and ratioed to the manuscript scale. They were used for graphic delineation of rocks and both the MLLW and MHW lines.

Analytic aerotriangulation was adequately provided by the Washington Science Center August 1976. Aerotriangulation operations included ruling the base manuscripts and determining ratio values for photographs.

Compilation, based upon photo interpretation, was performed by the Coastal Mapping Unit at the Atlantic Marine Center October 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, Form 76-36B for specific usage of the photography.

Materials for field edit were sent to the Pacific Marine Center April 1978. Field edit was canceled and the project was returned to the Atlantic Marine Center for final review.

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

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 INSEPCION

TP-00710

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 and the monitoring of tide gages for the tide coordinated infrared photography.

8

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.

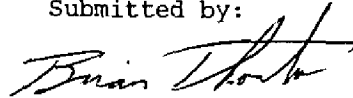
Supplemental Data

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

Photography

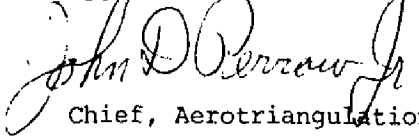
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by:

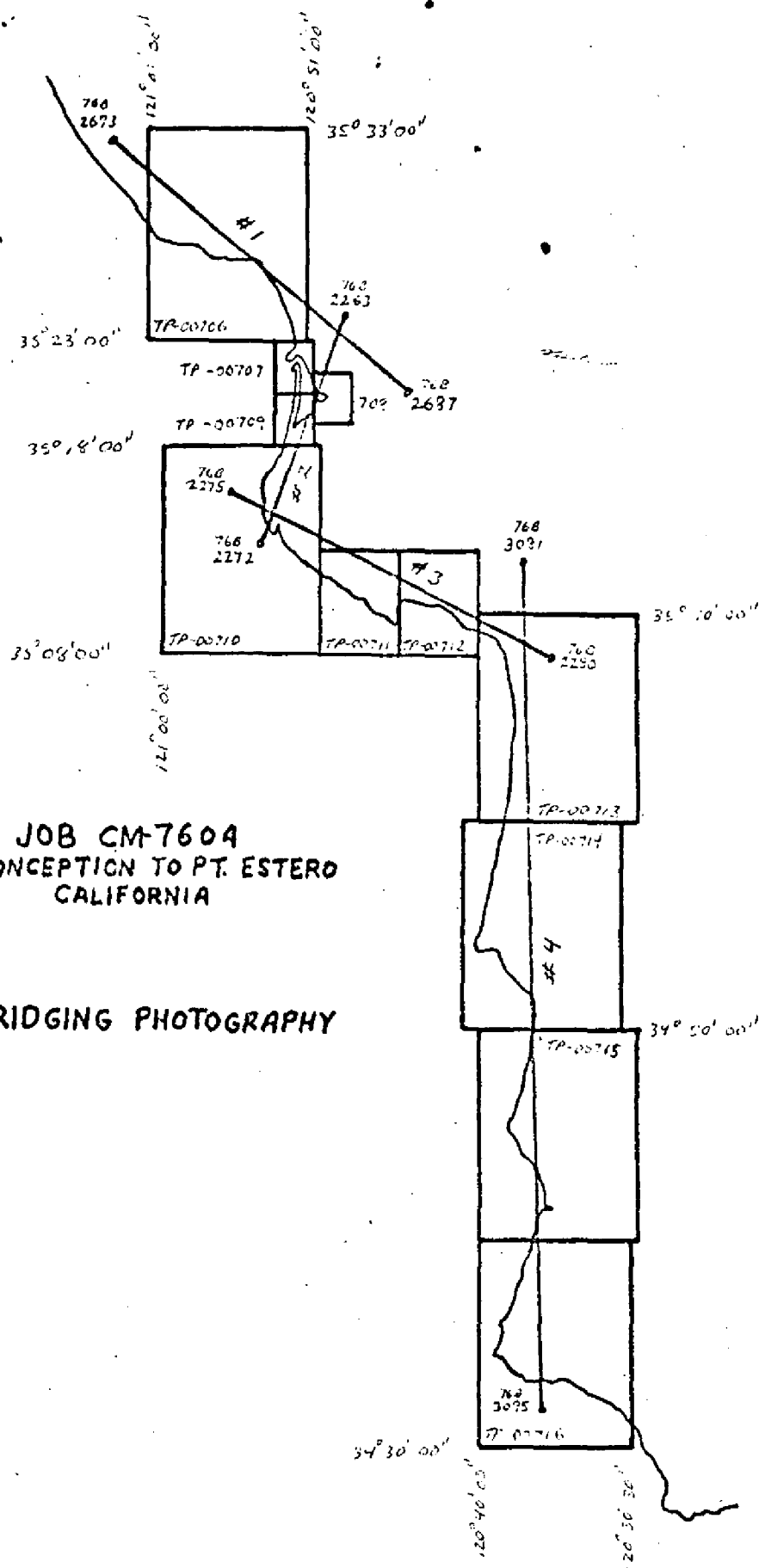


Brian F. Thornton

Approved and Forwarded:

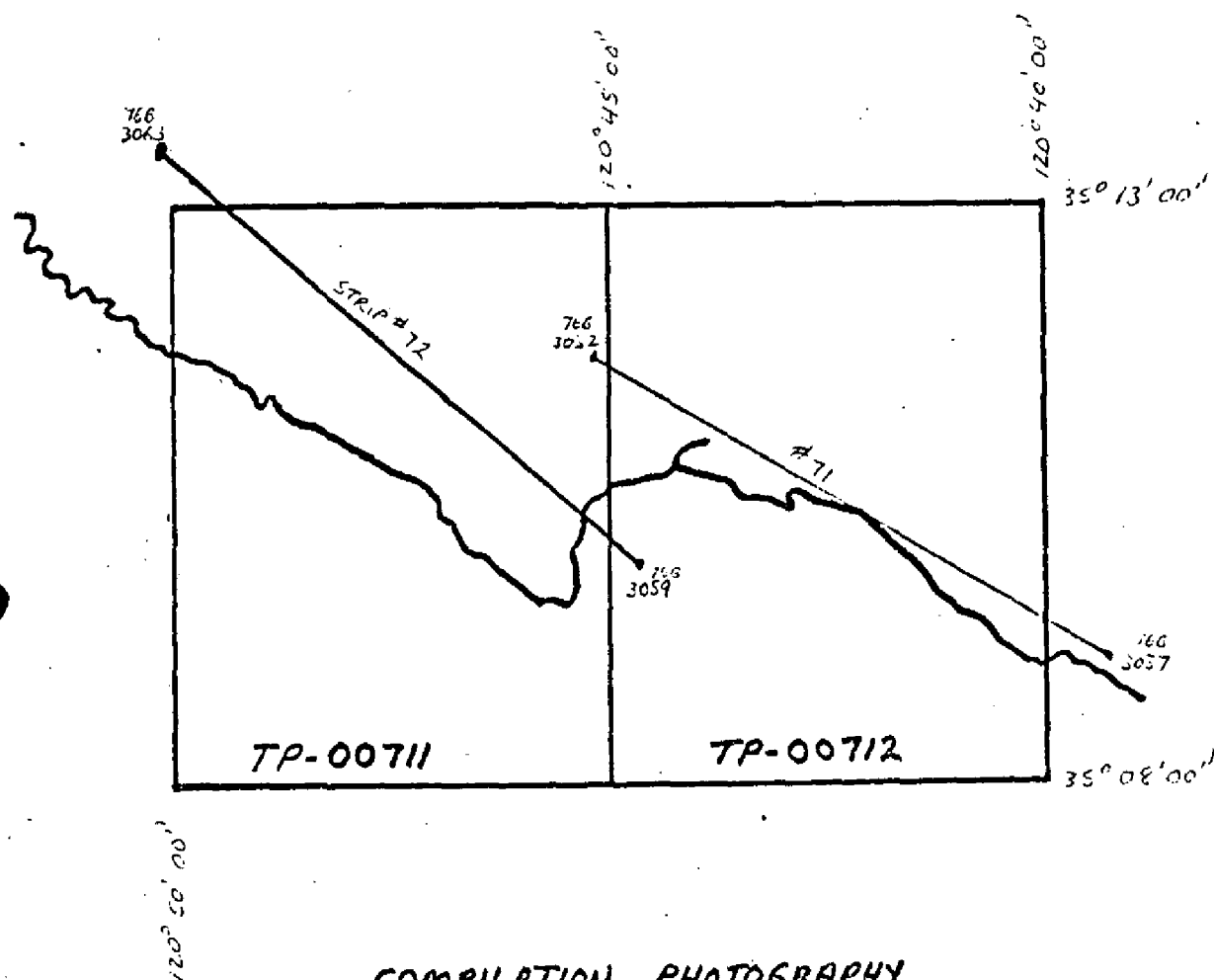


Chief, Aerotriangulation Section



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

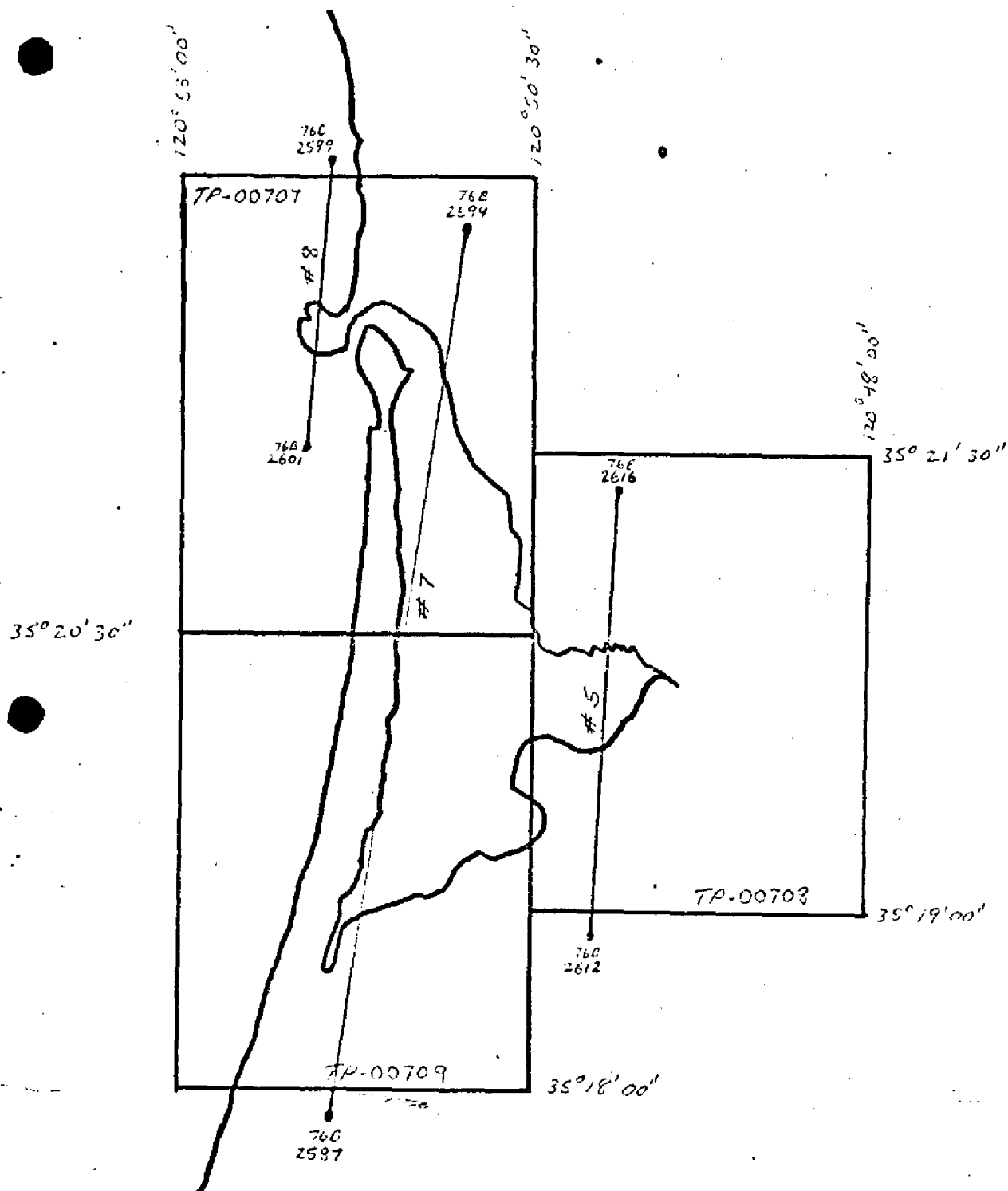
BRIDGING PHOTOGRAPHY



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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
			SOURCE OF INFORMATION (Index)	CM - 7604		N.A. 1927	STATE ZONE	φ λ	LATITUDE LONGITUDE	Coastal Mapping Div. A.M.C.	
TP - 00710											
ROY, 1933	351203		275100		X=	φ 35 15 18.188				560.5	(1288.5)
					Y=	λ 120 53 52.958				1338.7	(178.1)
SPOONER, 1932	"		276100		X=	φ 35 13 41.688				1284.7	(564.3)
					Y=	λ 120 50 50.184				1269.1	(248.2)
ZARD, 1933	"		42		X=	φ 35 17 57.146				1761.1	(87.9)
					Y=	λ 120 52 29.757				751.8	(764.1)
ISLAY, 1933	"		44		X=	φ 35 16 23.135				713.0	(1136.0)
					Y=	λ 120 53 38.752				979.4	(537.0)
VALENCIA, 1881	"		45		X=	φ 35 15 47.510				1464.1	(384.9)
					Y=	λ 120 52 15.674				396.2	(1120.4)
BUCHAN, 1933	"		46		X=	φ 35 15 31.784				979.5	(869.5)
					Y=	λ 120 53 45.945				1161.4	(355.3)
CROWBAR, 1933	"		49		X=	φ 35 13 20.877				643.4	(1205.6)
					Y=	λ 120 52 09.242				233.7	(1283.7)
LION ROCK, 1933	"		50		X=	φ 35 13 04.499				138.6	(1710.4)
					Y=	λ 120 52 17.258				436.5	(1081.0)
LARGE ROCK AWASH, NORTH OF STATION CROWBAR, 1933	"				X=	φ 35 13 36.210				1115.9	(733.1)
					Y=	λ 120 53 02.603				65.8	(1451.5)
ROCK, BETWEEN STATIONS CROWBAR AND PATTON, 1933	"				X=	φ 35 12 38.318				1180.8	(668.2)
					Y=	λ 120 51 37.332				944.2	(573.4)
COMPUTED BY			DATE	COMPUTATION CHECKED BY						DATE	
	A. G. Rauck Jr.		9/9/76		F. Margiotta					9/20/76	
LISTED BY			DATE	LISTING CHECKED BY						DATE	
	A. G. Rauck Jr.		9/1/76		J. Roderick					9/20/76	
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY						DATE	
	F. Mauldin		10/26/77		R. R. Kravitz					10/26/77	

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		
				COORDINATES IN FEET STATE _____ ZONE _____	N. A. 1927	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	Coastal Mapping Div. A.M.C.	
TP - 00710	CM - 7604						Departures Front (Back)	
COVE, 1872	351203			X=		φ 35 12 31.619	974.4 (874.6)	
				Y=		λ 120 51 25.407	642.5 (875.1)	
WEST POINT, 1872	"			X=		φ 35 12 29.643	913.5 (935.5)	
				Y=		λ 120 50 02.170	54.9 (1162.8)	
				X=		φ		
				Y=		λ		
				X=		φ		
				Y=		λ		
				X=		φ		
				Y=		λ		
				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	9/9/76	COMPUTATION CHECKED BY	F. Margiotta	DATE	9/20/76
LISTED BY	A. C. Rauck Jr.		DATE	9/1/76	LISTING CHECKED BY	F. Margiotta	DATE	9/16/76
HAND PLOTTING BY	F. Mauldin		DATE	10/26/77	HAND PLOTTING CHECKED BY	R. R. Kravitz	DATE	10/26/77

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPILATION REPORT

TP-00710

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 1:60,000 bridging/compilation color photographs. Tide coordinated MHW infrared photographs were used to graphically compile the mean high water and bare rocks. Tide coordinated MLLW infrared ratio photographs were used to graphically compile the approximate mean lower low water line south of Latitude 35°15' (see Item 35 for the foreshore area north of Latitude 35°15'). Control for graphic delineation was provided by the stereo 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 from interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore detail compilation is described in Item 31 with the exception of the foreshore and offshore rocks north of Latitude 35°15'. The tide coordinated infrared MLLW photography north of Latitude 35°15' has heavy surf. The detail shown in this area was delineated from the bridging/compilation photography. All detail is compiled as of date of photography. The ratioed tide coordinated infrared photography were used for both MLLW and MHW lines incorporating graphic methods, except for the foreshore area north of Latitude 35°15' previously described.

36 - OFFSHORE DETAILS

Offshore rocks and kelp areas were delineated by the Wild B-8 stereo-plotter as described in Item 31.

TP-00710

37 - LANDMARKS AND AIDS

There are 2 charted landmarks and no fixed aids to navigation within the mapping limits of this manuscript. They were verified with the photography.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

Refer to Item 32.

46 - COMPARISON WITH EXISTING MAPS

The following U.S. Geological Survey Quadrangles were compared with the manuscript: Cayucos, CA, scale 1:62,500, dated 1951; and Port San Luis, CA, scale 1:24,000, dated 1965.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following NOS Charts: 18700, scale 1:216,116, 11th edition, dated January 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,

J. Mauldin for
Fay Mauldin
Cartographer
October 1977

Approved,

J. C. Rauk, Jr.
Albert C. Rauk, Jr.
Chief, Coastal Mapping Section, AMC

April 27, 1984

18

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00710

Coon Creek

Estero Bay

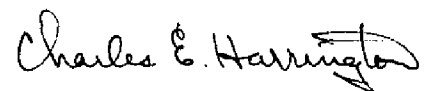
Islay Creek

Lion Rock

Pacific Ocean

Point Buchon

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT TP-00710
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. Quadrangles: Calucos, CA, scale 1:62,500, dated 1951; and Port San Luis, CA, scale 1:24,000, dated 1965.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Not applicable.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS Charts: 18700, 1:216,116 scale, dated April 28, 1984; and 18703, 1:40,000 scale, dated June 11, 1983.

The shoreline, foreshore area and offshore rocks as shown on this final Class III map, show some changes when compared to Chart 18703, dated June 11, 1983.

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, Jr.

James L. Byrd
Final Reviewer

Approved for forwarding,

Billy H. Barnes
Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Robert M. Lockyer
Chief, Photogrammetric Section, Rockville

Ronald K. Brewer
Chief, Photogrammetry Branch,
Rockville

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	I. Perkinson
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,	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) 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. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH 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 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

