

TP-00715

TP-00715

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-00715	<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> PURISIMA POINT	
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		SURVEY TP. <u>00715</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>III (Final)</u>	
				<input type="checkbox"/> REVISED		JOB <u>CM-7604</u>	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Division, Norfolk, VA				TYPE OF SURVEY		JOB <u>PH-</u>	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS <u></u>	
Jeffrey G. Carlen, CDR				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 <u></u> TO 19 <u></u>	
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 (Supplement I)			
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				4. GRID(S)			
Lambert Conformal				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: Analytic LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				H. Jones		Aug. 1976	
METHOD: Coradomat CHECKED BY				H. Jones		Aug. 1976	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				R. Kravitz and H. McCarty		Feb. 1977	
COMPILATION CHECKED BY				G. Morris and J. Byrd		Mar. 1977	
INSTRUMENT: Wild B-8				CONTOURS BY		N.A.	
SCALE: 1:30,000				CHECKED BY		N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				I. K. Perkinson		Apr. 1977	
CHECKED BY				J. Byrd		Apr. 1977	
METHOD: Smooth drafted				CONTOURS BY		N.A.	
CHECKED BY				N.A.			
SCALE: 1:20,000 HYDRO SUPPORT DATA BY				I. K. Perkinson/H. McCarty		Apr. 1977	
CHECKED BY				J. Byrd		Apr. 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				J. Byrd		Apr. 1977	
6. APPLICATION OF FIELD EDIT DATA BY				N.A.			
CHECKED BY				N.A.			
7. COMPILATION SECTION REVIEW Class III BY				J. Byrd		Apr. 1977	
8. FINAL REVIEW Class III Final BY				W. McLemore/J. Byrd		Oct. 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-00715

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C.-10"B" ("B"=152.74 mm)		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) 3089-3093#	Mar.19,1976	14:48	1:60,000	2.8 ft. above MLLW	
76B(I) 2992-2994*	Mar.18,1976	11:21	1:30,000	0.16 ft. below MHW	
76B(I) 2986-2988*	Mar.18,1976	11:15	1:30,000	0.20 ft. below MHW	
76B(I) 2999-3001*	Mar.18,1976	11:35	1:30,000	0.20 ft. below MHW	
76B(I) 2943-2945**	Mar.15,1976	14:05	1:30,000	0.01 ft. above MLLW	
76B(I) 2937-2939**	Mar.15,1976	13:57	1:30,000	0.14 ft. above MLLW	
76B(I) 3443-3444**	Mar.23,1976	11:35	1:30,000	0.14 ft. below MLLW	
#Photographs stamped March 15, 1976 in error, were actually taken March 18, 1976.				Mean Tide Range=3.6 ft. at Avila Beach	

REMARKS #Bridge and compilation photography based on predicted tides.

*Tide coordinated infrared photography, at MHW.

**Tide coordinated infrared photography, at MLLW.

2. SOURCE OF MEAN HIGH-WATER LINE:

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

3. SOURCE OF MEAN LOWER LOW-WATER LINE:

The mean lower low water line was compiled graphically from the above listed tide coordinated infrared photographs taken 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-00714	No survey	TP-00716	No survey

REMARKS

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION Pre-marking ☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	Feb. 1976
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L. Riggers	Feb. 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

Premarked

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76B(C) 3091	Packard, 1933 R.M. 1 (Paneled direct)		

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 152 (CPI Card)

2-Forms 277 (Tides Book)--cover entire project

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RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Apr. 1977	Class III manuscript:	April 1978 Dec. 1980	None
Final Review, Class III	Oct. 1984	Final Class III map No field edit performed	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
			Landmarks and Aids to Navigation for charting
			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

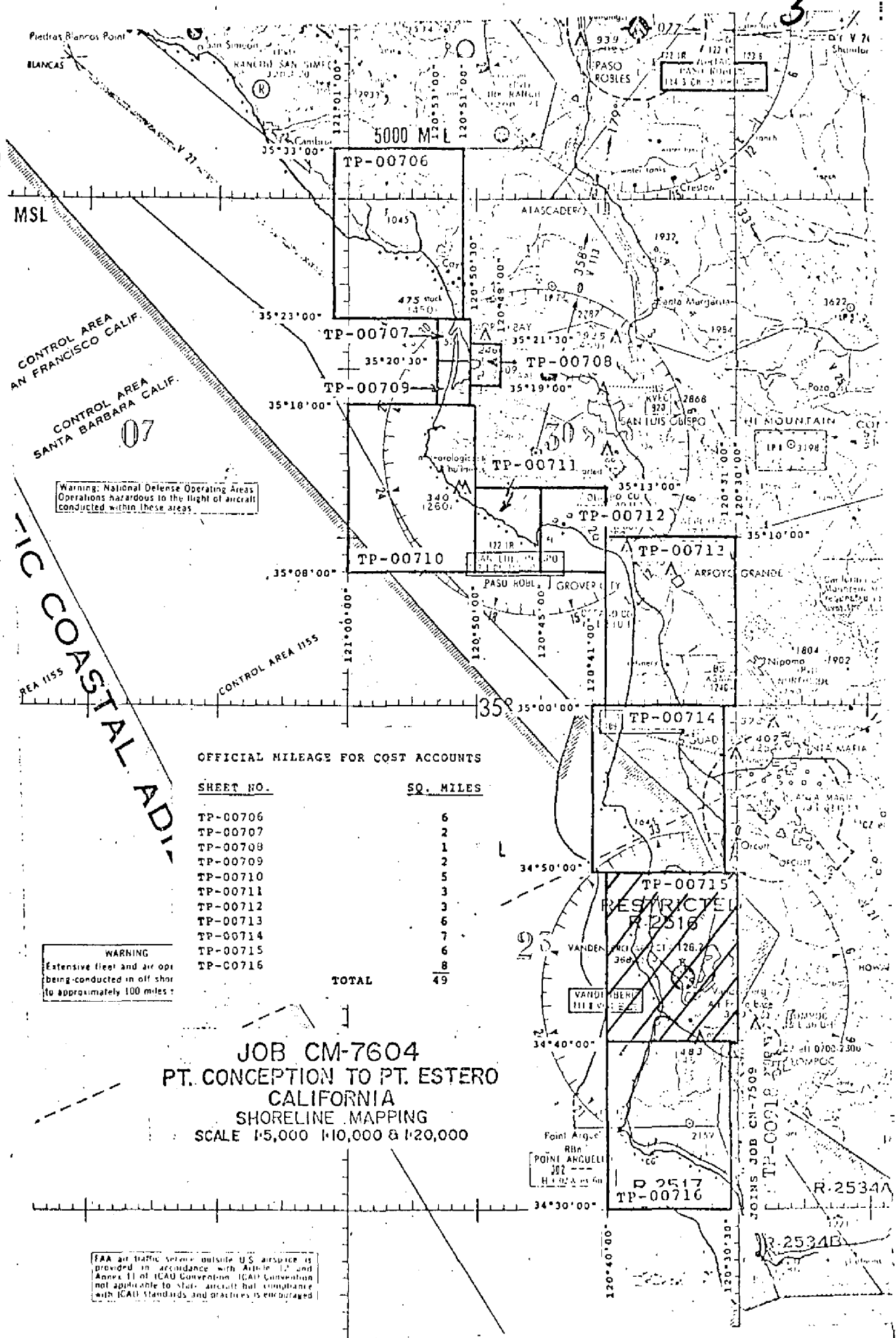
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 167 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

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	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL	



CONTROL AREA
SAN FRANCISCO CALIF.

CONTROL AREA
SANTA BARBARA CALIF.

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

PACIFIC 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 services 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

TP-00716
R 2517
R 2534A
R 2534B

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00715

This 1:20,000 scale final Class III shoreline map is one of eleven maps that comprise project CM-7604, Point Conception to Point Estero, California. The project consists of six 1:20,000 scale maps (TP-00706, TP-00710, TP-00713 thru TP-00716), two 1:10,000 scale maps (TP-00711 and TP-00712), and three 1:5,000 scale maps (TP-00707 thru TP-00709).

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

This final Class III map portrays a portion of shoreline along the California coast from Latitude $34^{\circ}40.0'$ north to $34^{\circ}50.0'$.

Field work prior to compilation consisted of the recovery and identification (premarking) of the horizontal control necessary for aerotriangulation. In addition, ground support was provided to assist in obtaining MHW and MLLW tide coordinated photography. This activity was completed in March 1976.

Photo coverage for the project was adequately provided by natural color and tide coordinated infrared photography. The 1:60,000 scale bridging/compilation color photographs were taken in March 1976 with the RC-10 "B" camera. The tide coordinated infrared photography was ratioed to map scale for graphic delineation of both the MHW and MLLW lines. Mean high water infrared photographs 76 B(I) 2986-2988, 76 B(I) 2992-2994 and 76 B(I) 2999 - 3001 were stamped March 15, 1976 in error. The Photographic Flight Report (Form 76-15) covering these photos is dated March 18, 1976. The Tides Book (Form 277) does not contain any recordings for March 15 that correspond with the times shown on Form 76-15. The photographs were flown March 18, 1976 which corresponds with the entries on both Form 76-15 and Form 277.

Analytic aerotriangulation was adequately provided by the Washington Science Center in August 1976. Aerotriangulation activity also included ruling the base manuscripts and providing ratio photographs for compilation.

Compilation, based upon photo interpretation, was performed by the Coastal Mapping Section at the Atlantic Marine Center in April 1977. Class III data was forwarded to the Pacific Marine Center in April 1978 for proposed field edit.

Field edit was not accomplished for this map. This activity was canceled and the project was returned to the Atlantic Marine Center for final review.

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Final review was performed at the Atlantic Marine Center in October 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 map. The original base manuscript and related data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00715

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.

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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.

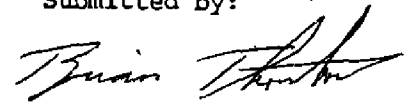
Supplemental Data

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

Photography

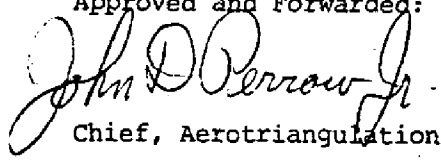
The coverage, overlap, and quality of the photography was adequate for the job.

Submitted by:

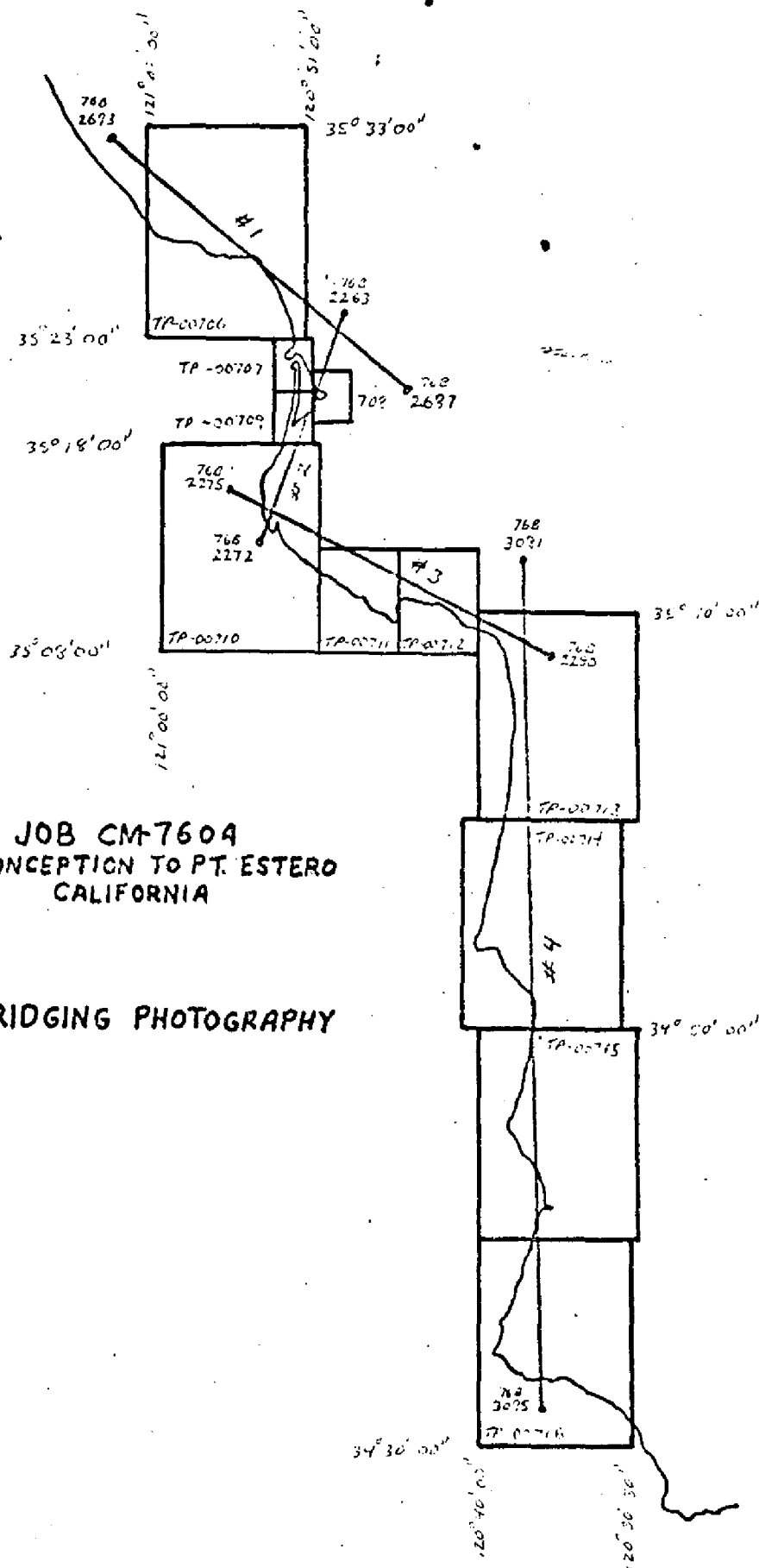


Brian F. Thornton

Approved and Forwarded:

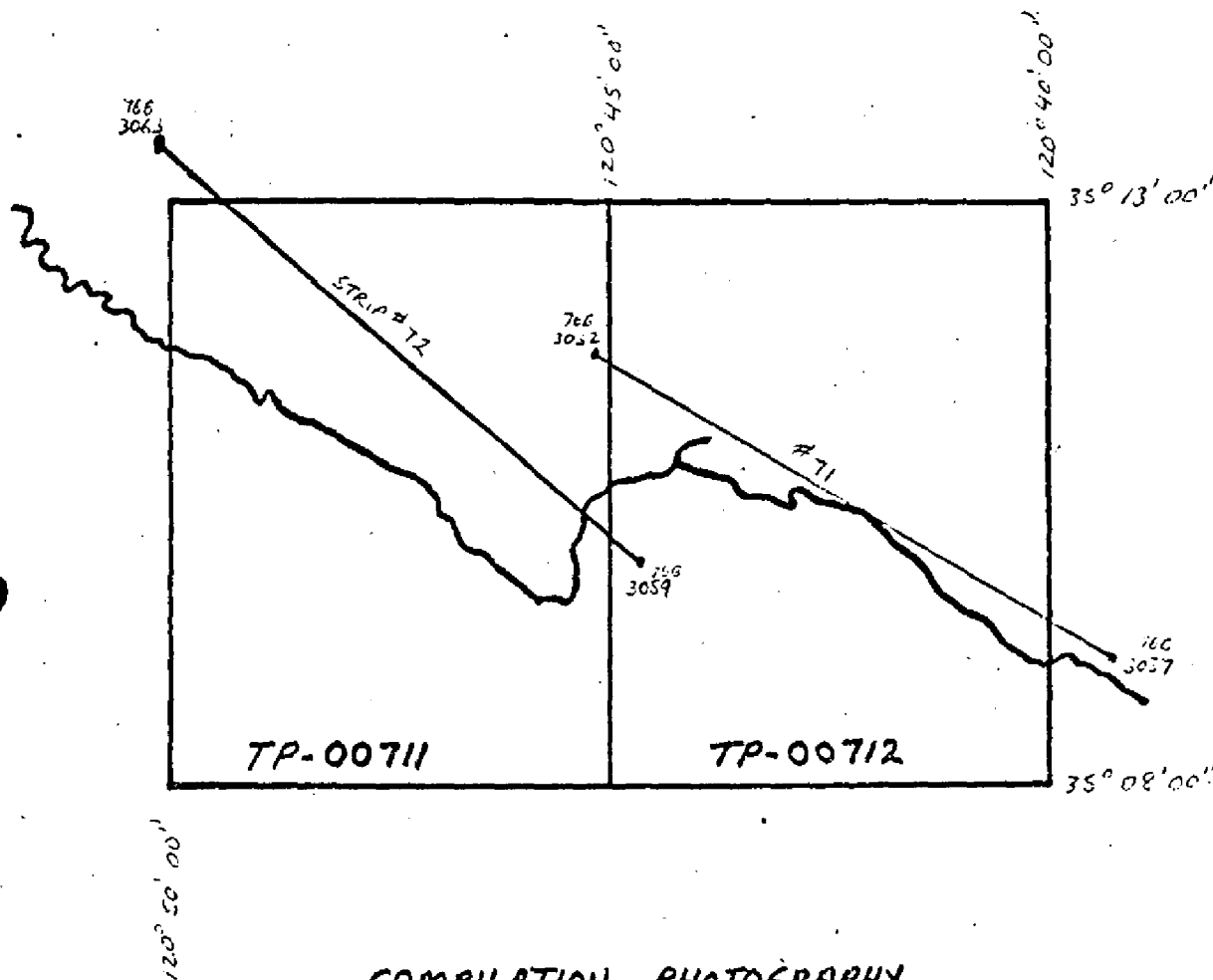


Chief, Aerotriangulation Section

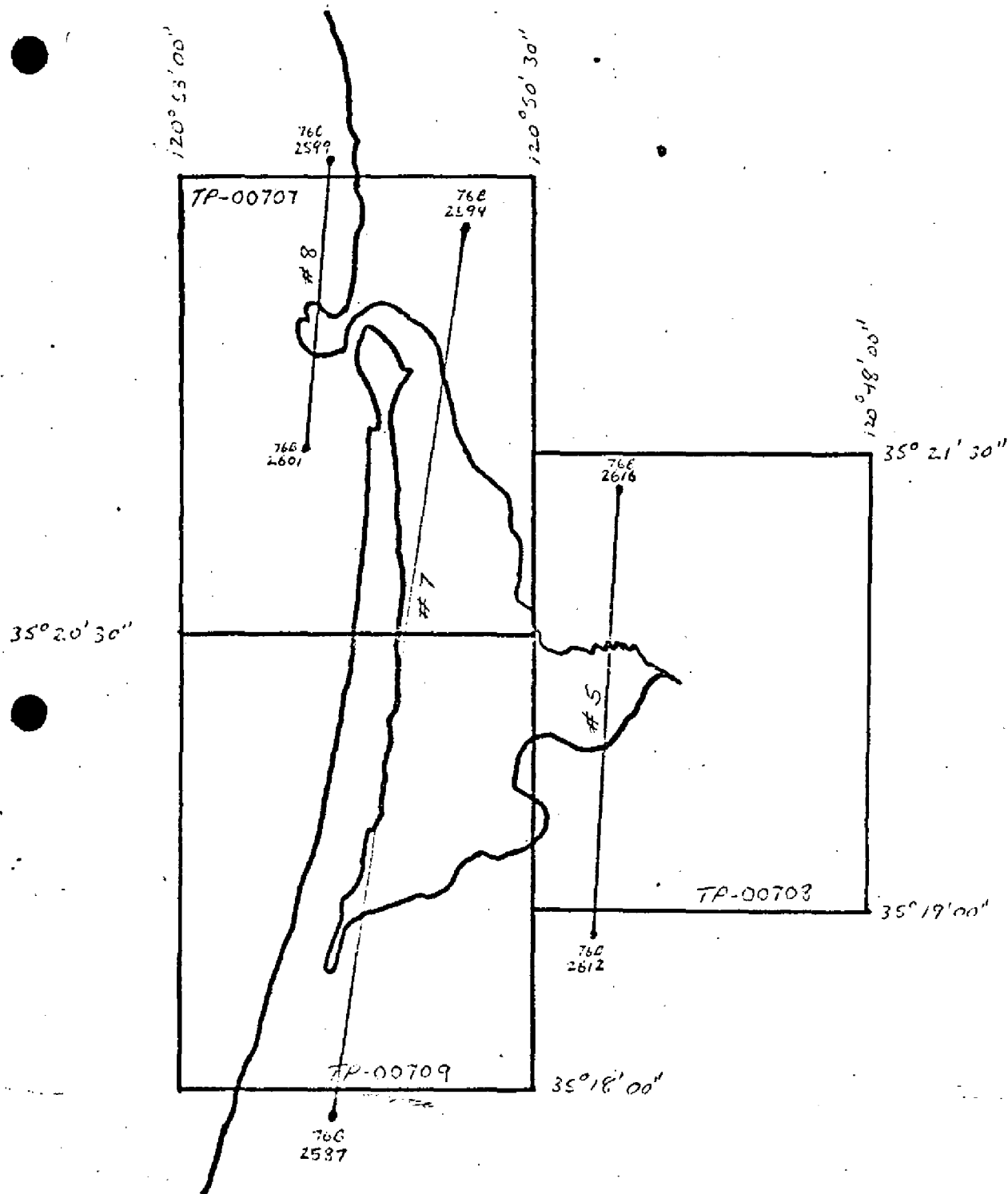


JOB CM-7604
PT. CONCEPTION TO PT. ESTERO
CALIFORNIA

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		ORIGINATING ACTIVITY		
			CM-7604	N.A. 1927	COASTAL Mapping Div. AMC		
			SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
	MARIA, 1933		Q 341204		X=	φ 34° 49' 33.457"	
			Sta 1022	97	Y=	λ 120° 33' 28.449"	
	POND 2, 1933		Q 341204		X=	φ 34° 48' 51.270"	
			Sta 1031	98	Y=	λ 120° 36' 43.921"	
	ALAMOS, 1933		Q 341204		X=	φ 34° 47' 37.643"	
			Sta 1001	99	Y=	λ 120° 33' 58.433"	
	SAN ANTONIO, 2, 1933		Q 341204		X=	φ 34° 47' 44.281"	
			Sta 1040	100	Y=	λ 120° 36' 55.586"	
	BEACH 2, 1933		Q 341204		X=	φ 34° 46' 53.689"	
			Sta 1005	101	Y=	λ 120° 37' 34.722"	
	POINT PURISSIMA 2, 1933		Q 341204		X=	φ 34° 45' 21.802"	
			Sta 1029	102	Y=	λ 120° 38' 22.436"	
	MARSHALL, 1933		Q 341204		X=	φ 34° 44' 19.412"	
			Sta 1023	104	Y=	λ 120° 33' 48.675"	
	MESA, 1933		Q 341204		X=	φ 34° 42' 11.658"	
			Sta 1024	105	Y=	λ 120° 33' 54.704"	
	PACKARD, 1933		Q 341204		X=	φ 34° 42' 47.623"	
			Sta 1026	106	Y=	λ 120° 36' 17.779"	
	SURF 2, 1941		Q 341204		X=	φ 34° 41' 00.165"	
			Sta 1048		Y=	λ 120° 36' 12.453"	
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 9/17/76	LISTING CHECKED BY F. Margiotta		DATE 9/17/76
HAND PLOTTING BY I. Perkinson				DATE 3/30/77	HAND PLOTTING CHECKED BY J. Roderick		DATE 3/30/77

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

COMPILATION REPORT

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31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. The 1:60,000 scale color photographs were set on the Wild B-8 stereoplotter to delineate the interior detail and alongshore features. Points common to the 1:30,000 infrared ratio photographs were selected and positioned to allow the graphic compilation of the mean high and mean lower low water lines.

All photographs used to compile this map were adequate and are listed on NOAA Form 76-36B.

32 - CONTROL

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

33 - SUPPLEMENTAL DATA

A comparison was made with H. 5442, 5447, dated 1934 and T. 6045, 6046 and 4851, dated 1933 for the purpose of calling attention of the hydrographer items to be investigated.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

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

The mean high water and mean lower low water lines were delineated graphically from the infrared ratio photographs.

36 - OFFSHORE DETAILS

The offshore kelp limits were graphically delineated from the mean lower low water infrared ratios.

37 - LANDMARKS AND AIDS

There are 3 charted landmarks and no charted navigational aids within the mapping limits of this manuscript. None of the charted landmarks were located or verified photogrammetrically. Appropriate information was prepared on the 76-40 forms and submitted with this map.

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38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey
Quadrangles: Casmalia, CA, scale 1:24,000, dated 1959; and Surf, CA, scale
1:24,000, dated 1959.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following NOS Charts: 18721, 5th
edition, dated July 10, 1976, scale 1:100,000; 18700, 11th edition, dated
July 3, 1976, scale 1:216,116; and 18720, 18th edition, dated September 6,
1975, scale 1:232,188.

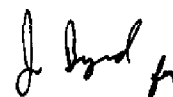
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,



Irene Perkinson
Cartographic Technician
April 1977

Approved,



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

April 27, 1984

18

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00715

Lompoc Landing

Pacific Ocean

Purisima Point

San Antonio Creek

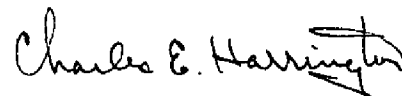
Santa Ynez River

Southern Pacific (RR)

Surf

Tangair

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

REVIEW REPORT TP-00715
SHORELINE

61. GENERAL STATEMENT

See Summary included with 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 1:24,000 scale U.S.G.S. Quadrangles: Casmalia, CA, dated 1959; and Surf, CA, dated 1959.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Not applicable.

65. COMPARISON WITH NAUTICAL CHARTS

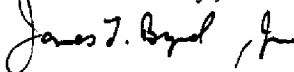
A comparison was made with the following NOS Charts: 18721, 1:100,000 scale, 7th edition, dated January 30, 1982; 18700, 1:216,116 scale, 14th edition, dated April 28, 1984; and 18720, 1:232,188 scale, 25th edition, dated April 7, 1984.

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

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.

Final Reviewer

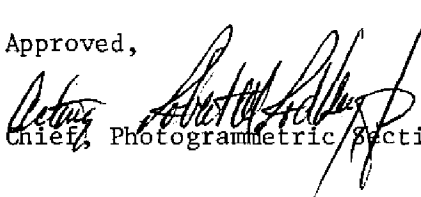
Approved for forwarding,



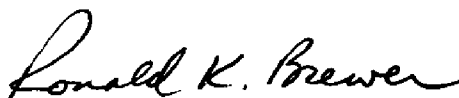
Billy H. Barnes

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Approved,



Chief, Photogrammetric Section, Rockville



Chief, Photogrammetry Branch,
Rockville

