

TP 00919

TP 00919

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2 style="text-align: center;">DESCRIPTIVE REPORT</h2>	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
<i>Map No.</i> TP-00919	<i>Edition No.</i> 1
<i>Job No.</i> CM-7509	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
<h3 style="text-align: center;">LOCALITY</h3>	
<i>State</i> CALIFORNIA	
<i>General Locality</i> PORT HUENEME TO POINT CONCEPTION	
<i>Locality</i> SACATA	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 19 75 TO 19 </div>	
<h3 style="text-align: center;">REGISTRY IN ARCHIVES</h3>	
<i>DATE</i>	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. 00919	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS III (FINAL)	
				<input type="checkbox"/> REVISED		JOB XX CM-7509	
PHOTOGRAMMETRIC OFFICE				LAST PRECEDING MAP EDITION			
Coastal Mapping Unit, AMC, Norfolk, VA				TYPE OF SURVEY		JOB PH. _____	
OFFICER-IN-CHARGE				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
Jeffery G. Carlen, CDR				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation June 9, 1976				Premarking August 11, 1975			
Compilation June 8, 1976				Premarking-Supp. I January 7, 1976			
Amendment I July 21, 1976							
Amendment II Oct. 29, 1976							
Review and Registration Memo July 10, 1980							
Review and Registration Memo Oct. 24, 1983							
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 Conic				STATE California		ZONE 5	
5. SCALE 1:20,000				STATE		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				S. Solbeck		June 1976	
METHOD: Analytic LANDMARKS AND AIDS BY				None			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				H. Jones		July 1976	
METHOD: Coradomat CHECKED BY				H. Jones		July 1976	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				F. Margiotta		June 1977	
COMPILATION CHECKED BY				L. Neterer, Jr.		June 1977	
INSTRUMENT: Wild B-8				CONTOURS BY		N.A.	
SCALE: 1:20,000				CHECKED BY		N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				F. Margiotta		July 1977	
METHOD: Smooth drafted and graphic				CHECKED BY		J. Byrd, Jr.	
SCALE: 1:20,000				CONTOURS BY		N.A.	
HYDRO SUPPORT DATA BY				CHECKED BY		N.A.	
				F. Margiotta		July 1977	
				J. Byrd		Sept. 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				J. Byrd		Sept. 1977	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY				None			
7. COMPILATION SECTION REVIEW BY				J. Byrd		Sept. 1977	
8. FINAL REVIEW CLASS III BY				J. Hancock		Dec. 1983	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Dec. 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				G. Fromm		Jan. 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. Thompson		May 1984	

TP-00919

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "B"=152.74mm, "E"=152.71mm
Wild RC-10 "B", RC-8 "E"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) 2433 - 2436#	Mar. 13, 1976	10:40	1:60,000	2.2 ft. above M.L.L.W.
75E(I) 2011 - 2016*	Oct. 7, 1975	12:38	1:30,000	±0.2 ft. of M.H.W.
76B(I) 2639 - 2645**	Mar. 14, 1976	12:56	1:30,000	±0.2 ft. of M.L.L.W.
				Mean range 4.6 ft.

REMARKS #Bridging and compilation photography, based on predicted tides.

*Tide coordinated infrared hydro support photography, at M.H.W.

**Tide coordinated infrared hydro support photography, at M.L.L.W.

2. SOURCE OF MEAN HIGH-WATER LINE:

*The M.H.W. line was compiled graphically from the tide coordinated infrared ratio photography.

M.H.W. PHOTOS
2011 - 2016

RATIO VALUE
1.464

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

**The M.L.L.W. line was compiled graphically from the tide coordinated infrared ratio photography.

M.L.L.W. PHOTOS
2639-2645

RATIO VALUE
1.507

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
No Survey	TP-00920	No Survey	TP-00918

REMARKS

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

TP-00919

HISTORY OF FIELD OPERATIONS

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	Sept. 1975 March 1976
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L. Riggers	1975, 1976 1975, 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 N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		None	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76B(C) 2434	HORSESHOE, 1933 (Direct, 1976)		
76B(C) 2436	ONOFRE 2, 1933 (Direct, 1976)		
75Z(C) 7849	HORSESHOE, 1933 (Direct, 1975)		
75Z(C) 7845	ONOFRE 2, 1933 (Direct, 1975)		

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)

2 Forms 152, 2 Forms 76-53., 2 C&GS Forms 277 (tide level books) for project.

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00919
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.	Sept. 1977	Class III manuscript, Field Edit canceled	Dec. 1977	Dec. 1977
Final Review, Class III	Dec. 1983	Final Class III Map, No field edit performed	Jan. 1984	Jan. 1984

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

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

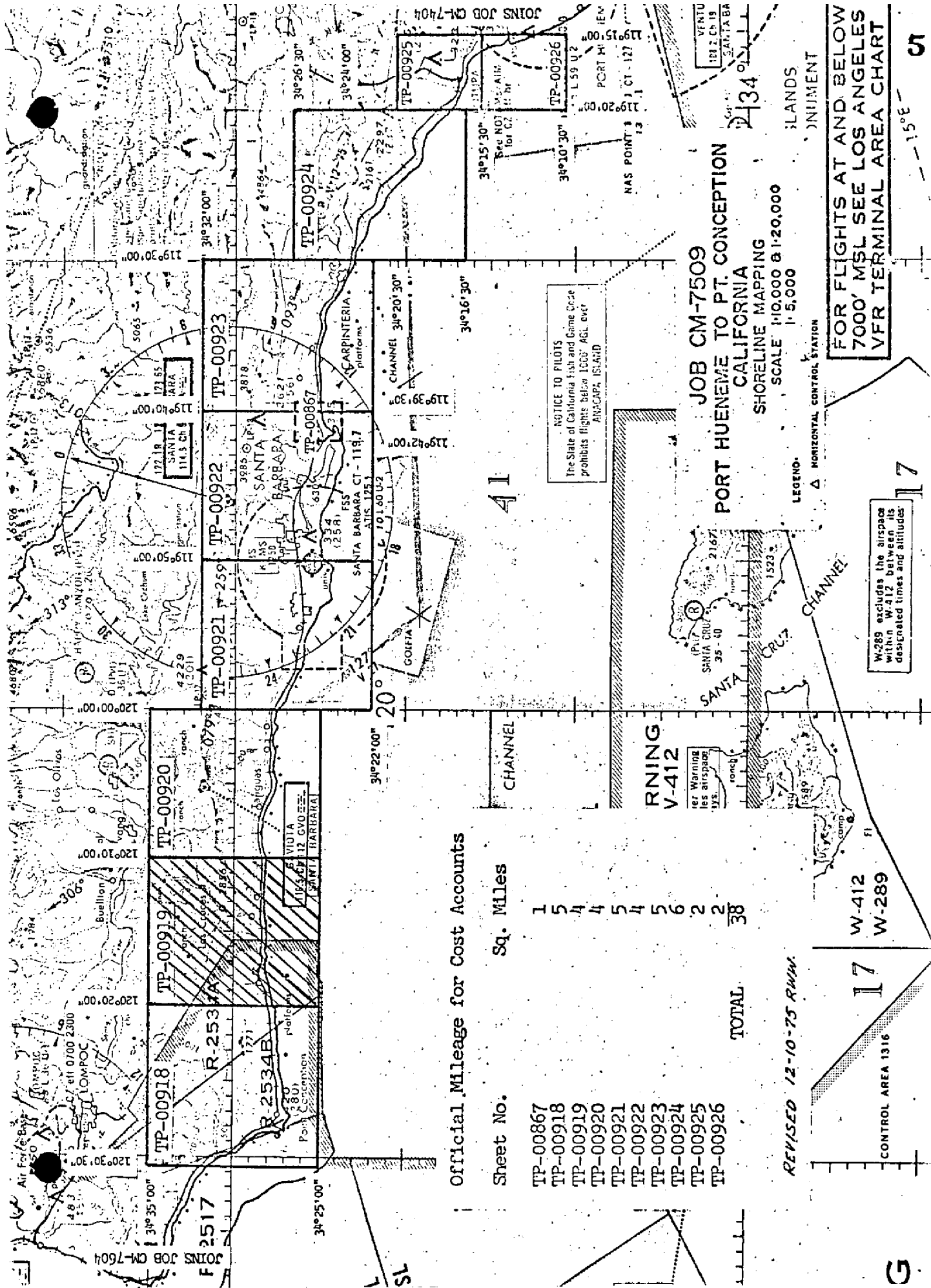
III. FEDERAL RECORDS CENTER DATA

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

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: MARCH 1984

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	



Official Mileage for Cost Accounts

Sheet No. Sq. Miles

TP-00867	1
TP-00918	5
TP-00919	4
TP-00920	4
TP-00921	5
TP-00922	4
TP-00923	5
TP-00924	6
TP-00925	2
TP-00926	2
TOTAL	38

REVISED 12-10-75 RMM

W-412
W-289

17

CONTROL AREA 1316

W-289 excludes the airspace within W-412 between designated times and altitudes

LEGEND:
Δ HORIZONTAL CONTROL STATION

JOB CM-7509
PORT HUENEME TO PT. CONCEPTION
CALIFORNIA
SHORELINE MAPPING
SCALE 1:20,000 & 1:5,000

FOR FLIGHTS AT AND BELOW 7000' MSL SEE LOS ANGELES VFR TERMINAL AREA CHART

15°E

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00919

This 1:20,000 scale final Class III shoreline map is one of ten maps that comprise project CM-7509, Port Hueneme to Point Conception, California. The project consists of seven 1:20,000 scale maps (TP-00918 thru TP-00924), two 1:10,000 scale maps (TP-00925 and TP-00926), and one 1:5,000 scale inset map (TP-00867).

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 longitude $120^{\circ}10.0'$ to longitude $120^{\circ}20.0'$.

Field work prior to compilation was accomplished in October 1975 and March 1976. This involved the establishment of horizontal control by premarking methods in order to meet aerotriangulation requirements. In addition, ground support was provided to assist in obtaining MHW and MLLW tide coordinated photography.

Photo coverage for the project was adequately provided by natural color and tide coordinated black and white photography. The bridging/ compilation photographs consisted of 7 flight strips taken at scales of 1:15,000, 1:30,000 and 1:60,000 with natural color film. Four strips were taken with the "Z" camera in October 1975 and three strips were taken with the "B" camera in March 1976. Tide coordinated MHW infrared photographs were taken in October 1975 with the "E" camera and in March 1976 with the "B" camera. Tide coordinated MLLW infrared photographs were taken in March 1976 with the "B" camera. All tide coordinated photography was taken at 1:15,000 and 1:30,000 scales.

Analytic aerotriangulation was adequately provided by the Washington Science Center in June 1976. Aerotriangulation activity also included ruling the base manuscripts and determining ratio values necessary for graphic compilation.

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

Field edit was not accomplished for this map. This activity was canceled as hydrographic operations were postponed in the common shoreline area. Rescheduling of hydrographic activity has been proposed for 1984; however, this map will be registered as a final Class III product.

SUMMARY CONTINUED (TP-00919)

Final review was performed at the Atlantic Marine Center in December 1983. A Chart Maintenance Print was prepared and forwarded to the Marine Chart Branch. Also, a Notes to Hydrographer Print was prepared for proposed hydrographic activity.

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

FIELD INSPECTION

TP-00919

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.

Photogrammetric Plot Report
Port Hueneme to Point Conception, California
CM-7509
June 1976

21. Area Covered

The area covered by this report is the southern California shoreline from Point Conception to the norther part of Port Hueneme. This area is covered by seven 1:20,000 scale sheets (TP-00918 through TP-00924), two 1:10,000 scale sheets (TP-00925 and TP-00926), and one 1:5,000 scale sheet (TP-00867).

22. Method

Seven strips of color photography (one 1:60,000, five 1:30,000, one 1:15,000) were bridged by analytic aerotriangulation methods.

Common points were located on the bridging photography and all photography being used for ratio purposes. Tie points were used on all bridging photography to ensure adequate junctioning during the strip adjustment. Ratio prints were ordered. The T-sheet manuscripts were plotted on the Coradomat.

23. Adequacy of Control

The control proved adequate except one station, (RATA, 1975) which had an excessive error in the "X" direction and could not be rectified. With all other control being good, the station was dropped from the adjustment.

One strip of bridging photography (75Z(C)7858 through 7865) proved difficult to measure due to poor overlap and excessive swing in the flight line.

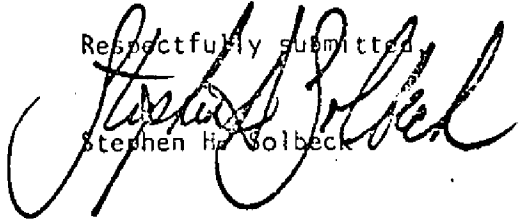
24. Supplemental Data

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

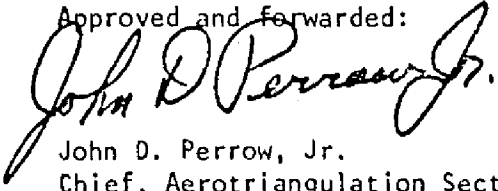
25. Photography

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

Respectfully submitted,


Stephen H. Golbeck

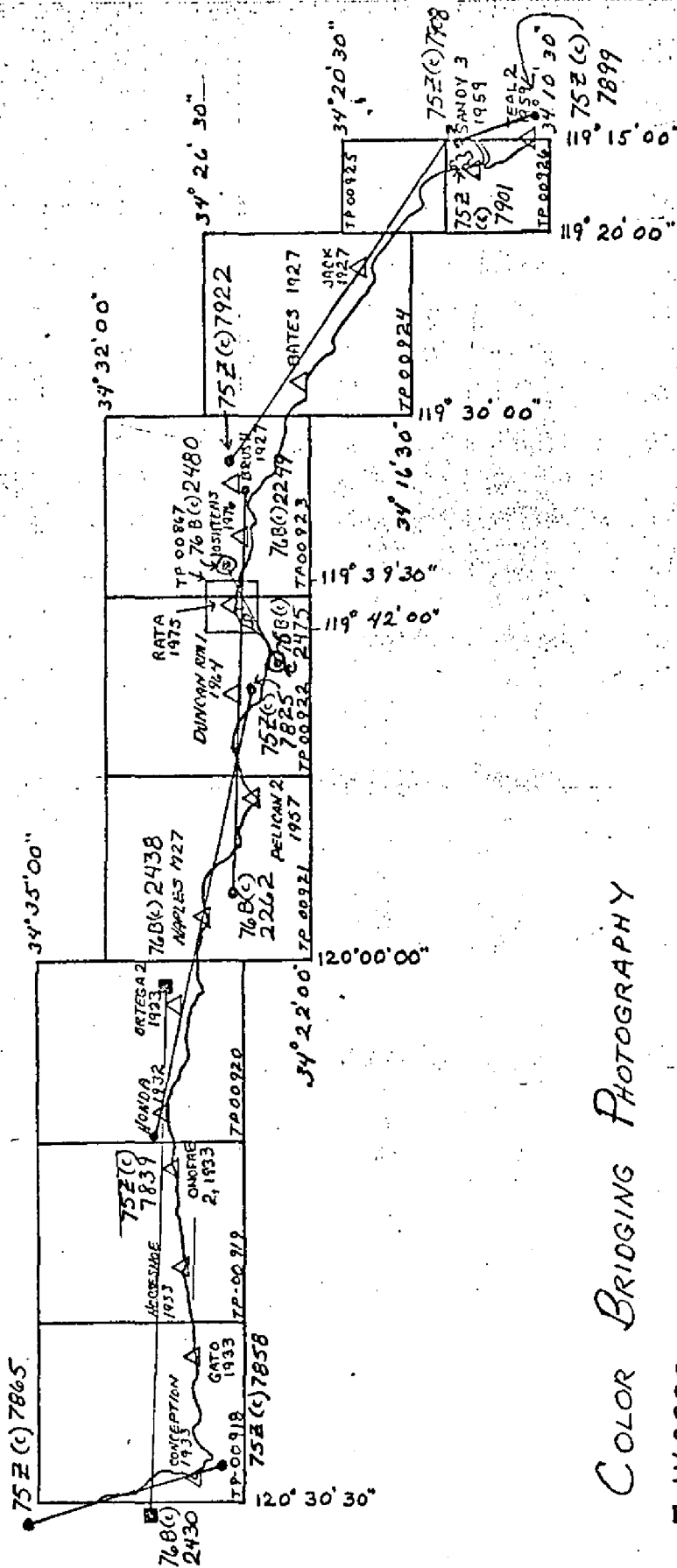
Approved and forwarded:


John D. Perrow, Jr.
Chief, Aerotriangulation Section

POST HUME ME TO POINT CONCEPTION, CALIF.

6052 7509

HEROTRIANGULATION SKETCH



Color Bridging Photography

- 1:60000
 ● 1:30000
 ◎ 1:15000

LIST OF ACCURACY OF CONTROL USE IN THE STRIP ADJUSTMENT

	POINT	X error (ft)	Y error (ft)
STRIP #1	899101 (TEAL 2, 1959) (SUB PT)	+ .001	- .001
	901100 (SANDY 3) (1959)	- .000	+ .001
STRIP #2	900801 (TO STRIP #1)	+ .054	- .154
	900802 (TO STRIP #1)	+ .932	- 1.286
	900803 (TO STRIP #1)	- .020	- 1.005
	901100 (SANDY 3) (1959)	+ .069	- .300
	914100 (JACK) (1927)	- .434	+ 1.064
	918100 (BATES) (1927)	+ .622	- .887
	922101 (BRUSH, 1927) (SUB PT)	- .220	+ .400
STRIP #3	921801 (TO STRIP #2)	- 1.380	+ .047
	921802 (TO STRIP #2)	- .611	- .902
	922101 (BRUSH, 1927) (SUB PT)	+ 1.056	+ 1.589
	251100 (JOSHTENS, 1976)	- 1.891	- 2.649
	477110 (STEARNS WHARF) (LT #4, 1975)	- 1.991	+ .075
	478101 (RATA 1975) (SUB PT)	- 21.316	+ .050
	254110 (JEFFERSON SCHOOL) (TOWER, 1933)	- 4.615	- 8.326
	255110 (SANTA BARBARA MISSION) (SOUTH TOWER, 1862)	- 2.027	+ 2.520
	255111 (ST ANTHONY'S SEMINARY) (CROSS ON DOME, 1927)	+ 1.472	- 1.647
	256101 (DUNCAN REFERENCE) (MARK #1, 1964)	+ 1.096	+ 1.054
	258110 (KTMS NORTH RADIO) (TOWER 1935)	+ .280	+ .424
	258111 (KTMS SOUTH RADIO) (TOWER 1935)	+ 1.077	+ .079
	259101 (PELICAN 2, 1957) (SUB PT)	- .520	- .771

Pt. Hueneme to Pt. Conception

CM-7509

August 1976

Supplement to Photogrammetric Plot Report

The final strip of CM-7509 was tied into Job CM-7604 well within National Map Accuracy Standards. The final manuscript (TP-00918) was plotted on the coradomat and forwarded. All ratio prints pertaining to this manuscript have been ordered.

COMPILATION REPORT

TP-00919

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 along-shore features. Points common to the 1:30,000 infrared ratios 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 attached Photogrammetric Plot Report, dated June 1976.

33 - SUPPLEMENTAL DATA

A comparison was made with TS-4882, 4881, HS-5625, 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 and mean lower low water lines were graphically delineated from the infrared ratio photographs.

36 - OFFSHORE DETAILS

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

TP-00919

37 - LANDMARKS AND AIDS

There were no aids or landmarks within the limits of this manuscript.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, item Number 5 of the Descriptive Report.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item Number 32.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: Sacate, CA, scale 1:24,000, dated 1953; and, Gaviota, CA, scale 1:24,000, dated 1953.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey charts: No. 18720, scale 1:232,188, dated September 6, 1975, 18th edition; and, No. 18721, scale 1:100,000, dated July 10, 1976, 5th edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Approved,

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

Submitted by,

Frank Margiotta
Frank Margiotta
Cartographic Technician
July 1977

REVIEW REPORT TP-00919
SHORELINE

61. GENERAL STATEMENT

Refer to 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 Sacate, CA, dated 1953 and Gaviota, CA, dated 1953.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was conducted prior to final review. The initial hydrographic activity was postponed but has been proposed to resume in 1984.

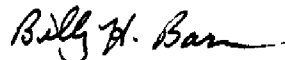
65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following N.O.S. Charts: 18721, 1:100,000 scale, 7th edition, dated January 30, 1982; 18720, 1:232,188 scale, 24th edition, dated June 5, 1982.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

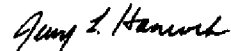
This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Approved for forwarding,



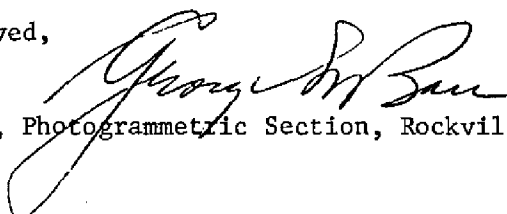
Billy H. Barnes
Chief, Photogrammetric Section, AMC

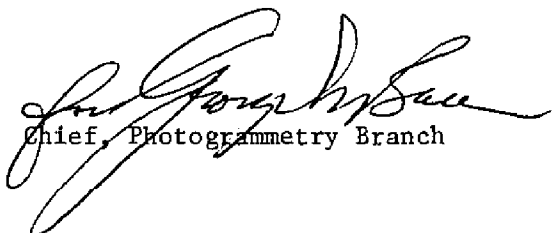
Submitted by,



Jerry L. Hancock
Final Reviewer

Approved,


Chief, Photogrammetric Section, Rockville


Chief, Photogrammetry Branch

November 23, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7509 (~~Point~~ Hueneme to Point Conception, California)

Port *PH*

TP-00919

Drake

Gaviota

Pacific Ocean

Port Orford

Sacate

Santa Barbara Channel

Southern Pacific (RR)

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00919		JOB NO. CM-7509		GEODETTIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit, AMC	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		REMARKS FRONT M. BACK M.
ANITA 2, 1933	341202 Page 1003	16	x=	φ 34°28'02.396"	✓	73.8	1775.0
			y=	λ 120°18'07.624"	✓	194.6	1336.7
HORSESHOE, 1933	341202 Page 1035	434100	x=	φ 34°28'03.393"	✓	104.5	1744.3
			y=	λ 120°16'37.197"	✓	949.3	5582.0
BALD 2, 1933	341202 Page 1004	21	x=	φ 34°28'24.289"	✓	748.4	1100.4
			y=	λ 120°15'29.964"	✓	764.7	766.5
SURPRISE, 1933	341202 Page 1063	22	x=	φ 34°28'08.524"	✓	262.7	1586.1
			y=	λ 120°14'13.627"	✓	347.8	1183.5
ORFORD, 1933	341202 Page 1044	23	x=	φ 34°28'30.135"	✓	928.5	920.3
			y=	λ 120°14'09.763"	✓	249.1	1282.0
TANK, 1933	341202 Page 1065	24	x=	φ 34°28'16.088"	✓	495.7	1353.1
			y=	λ 120°13'01.737"	✓	44.3	1486.9
BRUSH, 1872	341202 Page 1014		x=	φ 34°28'53.521"	✓	1649.1	199.7
			y=	λ 120°12'48.514"	✓	1238.0	293.0
ATWAY BEACON 10, 3 MILES E. OF LAS CRUCES, 1956	341201 Page 1014	27	x=	φ 34°30'47.672"	✓	1469.0	379.8
			y=	λ 120°10'07.678"	✓	195.9	1334.6
ONOFRE 2, 1933	341202 Page 1043	436100	x=	φ 34°28'13.299"	✓	409.8	1439.0
			y=	λ 120°11'14.414"	✓	367.9	1163.3
STOW, 1872	341202 Page 1062	31	x=	φ 34°28'12.572"	✓	387.4	1461.4
			y=	λ 120°10'06.868"	✓	175.3	1355.9
COMPUTED BY A. C. Rauck, Jr.		DATE 8/25/76	COMPUTATION CHECKED BY Lowell O. Neterer, Jr.				
LISTED BY A. C. Rauck, Jr.		DATE 8/05/76	LISTING CHECKED BY Lowell O. Neterer, Jr.				
HAND PLOTTING BY F. Mauldin		DATE 11/01/76	HAND PLOTTING CHECKED BY J. R. Minton				

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
			TP-00919	CM-7509		STATE	ZONE	φ	λ	φ	λ
	BREA, 1933	341202 Page 1011		14			X=	φ 34°28'26.564"		FRONT M.	BACK M.
	TURN, 1872	341202 Page 1066		17			Y=	λ 120°19'56.881"		818.5	1030.3
	DOME, 1932	341201 Page 1003		18			X=	φ 34°30'28.613"		1451.6	79.6
	ALTA, 1872	341202 Page 1002		19			Y=	λ 120°17'15.132"		1200.6	648.2
	GAVIOTA, 1872	341201 Page 1005		26			X=	φ 34°28'42.562"		1348.1	183.0
	CAMP, 1872	341202 Page 1016		30			Y=	λ 120°16'40.317"		881.7	967.1
							X=	φ 34°30'06.542"		386.0	1144.6
							Y=	λ 120°11'52.053"		1311.5	537.3
							X=	φ 34°28'43.946"		1028.8	502.3
							Y=	λ 120°11'04.560"		201.6	1647.2
							X=	φ		1327.9	202.8
							Y=	λ		1354.1	494.7
							X=	φ		116.4	1414.7
							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 8/25/76			COMPUTATION CHECKED BY Lowell O. Neterer, Jr.			DATE 8/26/76	
LISTED BY A. C. Rauck, Jr.				DATE 8/10/76			LISTING CHECKED BY Lowell O. Neterer, Jr.			DATE 8/24/76	
HAND PLOTTING BY				DATE			HAND PLOTTING CHECKED BY			DATE	

