

TP 00918

TP 00918

NOAA FORM 76-35 (3-76)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
<i>Map No.</i> TP-00918	<i>Edition No.</i> 1
<i>Job No.</i> CM-7509	
<i>Map Classification</i> CLASS III (FINAL)	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> CALIFORNIA	
<i>General Locality</i> PORT HUENEME TO POINT CONCEPTION	
<i>Locality</i> POINT CONCEPTION	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1975 TO 19 </div>	
REGISTRY 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	
DESCRIPTIVE REPORT - DATA RECORD		SURVEY TP. <u>00918</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III (FINAL)</u> JOB <u>CM-7509</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen, 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			
I. OFFICE		2. FIELD	
Aerotriangulation June 9, 1976 Compilation June 8, 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		Premarking August 11, 1975 Premarking-Supp. I January 7, 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 Conic		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 METHOD: Analytic LANDMARKS AND AIDS BY		S. Solbeck None	June 1976
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		H. Jones H. Jones	July 1976 July 1976
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:20,000 CONTOURS BY CHECKED BY		F. Margiotta L. Neterer, Jr. N.A. N.A.	June 1977 June 1977
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted and graphic SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		F. Margiotta J. Byrd N.A. N.A. F. Margiotta J. Byrd	July 1977 Sept. 1977
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		J. Byrd	Sept. 1977
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		None 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		J. Hancock	May 1984

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "B"=152.74mm, "E"=152.71mm Wild RC-10"B", RC-8"E",		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES # <input checked="" type="checkbox"/> REFERENCE STATION RECORDS *; ** <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			ZONE Pacific	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
			MERIDIAN 120th	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
76B(C) 2430 - 2433#	Mar.13,1976	10:40	1:60,000	2.2 ft. above MLLW
75E(I) 2035 - 2038*	Oct.8,1975	13:02	1:30,000	±0.2 ft. of MHW
75E(I) 1980 - 1984*	Oct.4,1975	10:25	1:30,000	±0.2 ft. of MHW
76B(I) 2358 - 2361**	Mar.12,1976	15:23	1:30,000	±0.2 ft. of MLLW
76B(I) 3435 - 3438**	Mar.23,1976	11:17	1:30,000	±0.2 ft. of MLLW
76B(I) 2639**	Mar.14,1976	12:54	1:30,000	±0.2 ft. of MLLW
75E(I) 2017*	Oct.7,1975	12:41	1:30,000	±0.2 ft. of MHW
				Mean range = 4.6 ft.

REMARKS #Bridge and compilation photography, based on predicted tides.
 *Tide coordinated infrared hydro support photography, at MHW.
 **Tide coordinated infrared hydro support photography, at MLLW.

2. SOURCE OF MEAN HIGH-WATER LINE:

*The MHW line was compiled graphically from the tide coordinated infrared ratio photographs.

MHW PHOTOS	RATIO VALUE
2035-2038	1.454
2017	1.464

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

**The MLLW line was compiled graphically from the above listed tide coordinated infrared ratio photographs.

MLLW PHOTOS	RATIO VALUE
2358-2361	1.488
2639	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-00919	No Survey	TP-00716 CM-7604

REMARKS

TP-00918

HISTORY OF FIELD OPERATIONS

1. FIELD INSPECTION OPERATION (Premarking) FIELD EDIT OPERATION

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

2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76B(C) 2431	CONCEPTION, 1933 (Direct 1976)		
76B(C) 2433	GATO, 1933 (Direct 1976)		
75Z(C) 7863	BLUFF, 1874 (Direct 1975)		
75Z(C) 7861	BLACK POINT, 1874 (Direct 1975)		
75Z(C) 7859	CONCEPTION, 1933 (Direct, 1975)		
75Z(C) 7852	GATO, 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 NONE

6. 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, 4 Forms 76-53, 2 C&GS Forms 277 (tide level books) for project.

I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
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

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH			
PAGES NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		July 1980	Aid for charts (Class III position)
1		Jan. 1984	Aid for charts (Final Class III)

- 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 ~~76-40~~ 76-40 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	JOB NUMBER	TYPE OF SURVEY				
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY				
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY				
	TP - _____ (4)	PH - _____	<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

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00918

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 $120^{\circ}30.3'$ to longitude $120^{\circ}20.0'$. This map defines the western limit for the project as it begins just north of Point Conception.

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-00918)

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-00918

There was no field inspection prior to compilation. Field work accomplished was limited in 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.

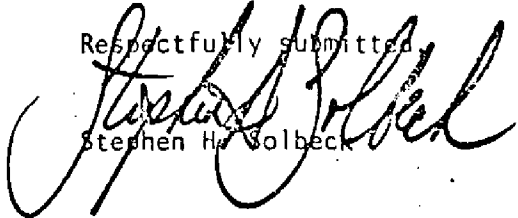
24. Supplemental Data

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

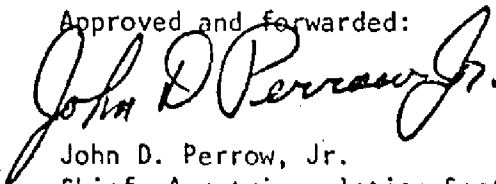
25. Photography

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

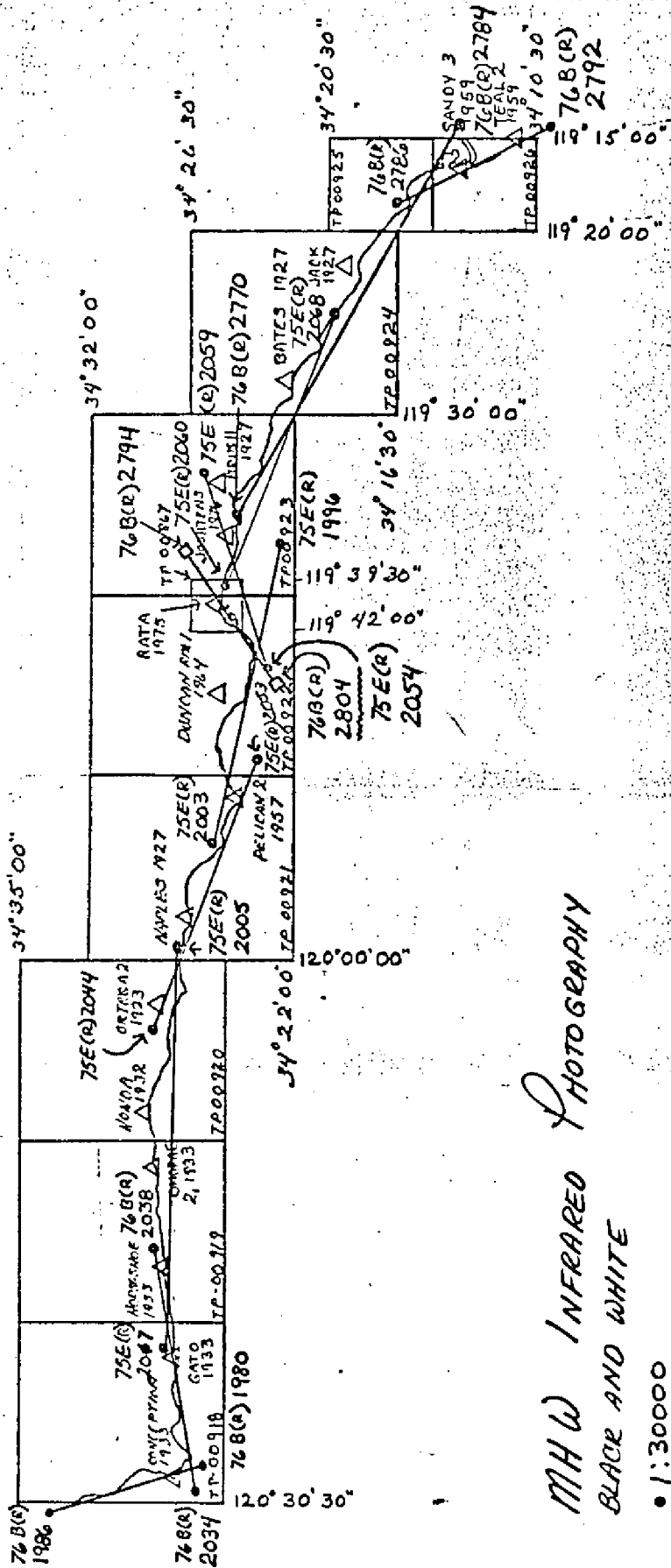
Respectfully submitted,


Stephen H. Golbeck

Approved and forwarded:


John D. Perrow, Jr.
Chief, Aerotriangulation Section

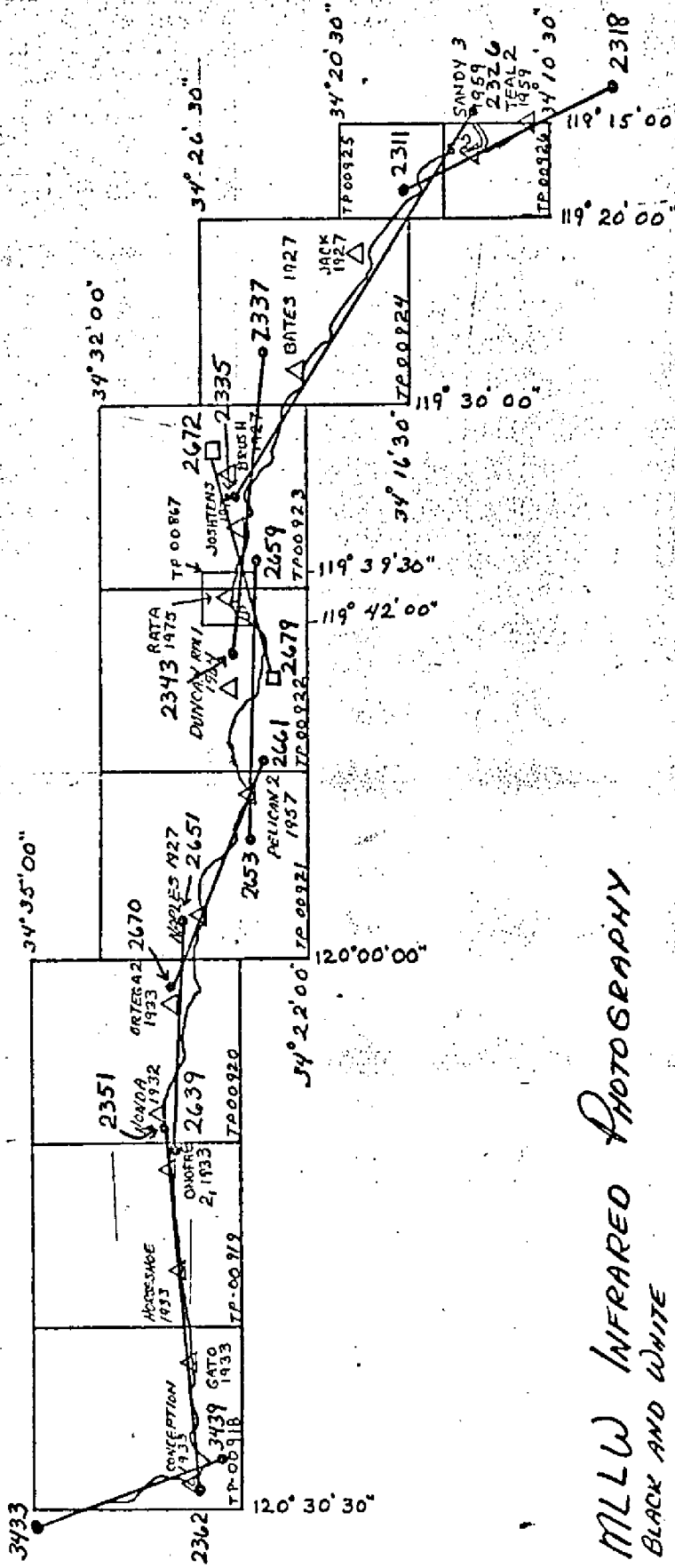
FORT HUENEME JOINT CONCEPTION, CALIF.
 CIM 7509
 AEROTRIANGULATION SKETCH



MHW INFRARED PHOTOGRAPHY
 BLACK AND WHITE

- 1:30000
- 1:15000

PORT HUENEME TO POINT CONCEPTION, CALIF.
 CMA 7509
 AEROTRIANGULATION SKETCH



MILW INFRARED PHOTOGRAPHY
 BLACK AND WHITE
 76B(R) • 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, 1954) (SUB PT)	+ .001	- .001
	901100 (SANDY 3) (1959)	- .000	+ .001
STRIP #2	900801 (TO STRIP #1)	+ .059	- .154
	900802 (TO STRIP #1)	+ .932	- 1.286
	900803 (TO STRIP #1)	- .020	- 1.005
	901106 (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 (JCSHTENS, 1976)	- 1.891	- 2.649
	477110 (STEAPHS 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.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00918	STATION NAME	JOB NO. CM-7509	GEODETTIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit, AMC		REMARKS	
			COORDINATES IN FEET STATE ZONE	AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	ϕ LATITUDE λ LONGITUDE	Front M.	Back M.
	JALAMA, 1933	G.P. 341204 Page 1017	X= 34° 30' 51.523" - Y= 120° 30' 13.552" -	5			1587.6	261.2
	CONCEPTION, 1933	341202 Page 1022	X= 34° 26' 59.679" - Y= 120° 28' 10.943" -	431100			345.7	1184.8
	ABALONE 2, 1933	341202 Page 1001	X= 34° 26' 37.338" - Y= 120° 27' 18.760" -	9			1838.9	09.9
	GATO, 1933	341202 Page 1028	X= 34° 27' 25.133" - Y= 120° 22' 35.406" -	432100			279.3	1252.3
	SEAL 2, 1933	341202 Page 1060	X= 34° 27' 36.104" - Y= 120° 20' 10.156" -	15			1150.5	698.3
	CONCEPTION, NEAR R.R. STA., BLACK WATERTANK, 1933	341202 Page 1072	X= 34° 27' 13.95" - Y= 120° 27' 18.38" -	431110			478.9	1052.8
	POINT CONCEPTION LIGHT- HOUSE, 1933	341202 Page 1080	X= 34° 26' 55.36" - Y= 120° 28' 11.25" -	7			774.4	1074.4
	COJO, 1933	341202 Page 1020	X= 34° 29' 31.089" - Y= 120° 27' 12.543" -	10			903.7	627.8
	MANZANITA, 1933	341202 Page 1040	X= 34° 29' 40.703" - Y= 120° 24' 58.004" -	11			1112.5	736.3
	BILBY, 1933	341202 Page 1006	X= 34° 29' 40.005" - Y= 120° 22' 26.165" -	11			259.2	1272.2
COMPUTED BY L. O. Neterer, Jr.				DATE 8/27/76	COMPUTATION CHECKED BY A. C. Rauck, Jr.		429.8	1419.0
LISTED BY A. C. Rauck, Jr.				DATE 8/10/76	LISTING CHECKED BY L. O. Neterer, Jr.		469.2	1062.3
HAND PLOTTING BY				DATE	HAND PLOTTING CHECKED BY		1705.8	1143.0
							287.2	1244.4
							957.9	890.9
							320.0	1210.7
							1254.2	594.6
							1479.9	50.9
							1232.7	616.1
							1667.6	863.2
							1175.0	76
							1173.0	76

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&lower&low water lines.

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

34 - CONTROL

Horizontal control was adequate. Refer to the attached Photogrammetric Plot Report, dated June 1976.

33 - SUPPLEMENTAL DATA

A comparison was made with H.S. 5626, 5508, 5627, H.S., 4864, 4882, and 4883 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 the mean lower low water lines were delineated graphically from the infrared ratio photographs.

36 - OFFSHORE DETAILS

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

37 - LANDMARKS AND AIDS

Within the limits of the manuscript, there was one charted aid, which was triangulation, and no landmarks.

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38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, item #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: Point Conception, CA, scale 1:24,000, dated 1953 and Sacate, 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.

Submitted by,

F. Margiotta
F. Margiotta
Cartographic Technician
July 19, 1977

Approved,

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

REVIEW REPORT TP-00918
SHORELINE

61. GENERAL STATEMENT

Refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

None.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with the following 1:24,000 scale U.S.G.S Quadrangles: Sacate, CA, dated 1953; Point Conception, CA, dated 1953; and, Lompoc Hills, CA, dated 1959.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic survey was conducted prior to final review. This initial hydrographic activity was postponed, but has been proposed to resume in 1984. A final Class III map copy, "Notes to Hydrographer" was prepared and forwarded to assist in this scheduled field operation.

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; 18721, 1:100,000 scale, 5th edition, dated July 10, 1976; and, 18720, 1:232,188 scale, 24th edition, dated June 5, 1982.

A comparison between the 5th edition and the current 7th edition of Chart 18721 indicates that several alongshore and offshore rocks were added to the current chart from the unreviewed Class III Chart Maintenance Print submitted to Marine Charts in December 1977. The intended purpose of locating these features was to advise the hydrographer of potential hazards and for an evaluation of their character or existence. They were never intended for charting purposes because the photo interpretation of them did not render positive identification. These features were originally mapped specifically and were addressed to the field editor/hydrographer, for investigation. However, the field activity was canceled for this mapping area and the field inspection for these features was not accomplished. After a close analysis of the photographs and considering all factors that contributed to the original compilation of these "rocks", they were removed from the Final Class III map. A final Class III Chart Maintenance Print, indicating all changes made to the unreviewed Class III copy, was prepared and forwarded to Marine Charts.

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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,

Jerry L. Hancock
Jerry L. Hancock
Final Reviewer

Approved for forwarding,

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

Approved,

George D. Bae
Chief, Photogrammetric Section, Rockville

for George D. Bae
Chief, Photogrammetry Branch

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

Port *QJH*

TP-00918

Arroyo San Augustin

Cojo Anchorage

Concepción

Gato

Government Point

Jalama

Jalama Creek

Pacific Ocean

Point Conception

Santa Barbara Channel

Southern Pacific (RR)

San Augustine *QJH.*

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED		REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. AMC, Norfolk, VA	STATE California	LOCALITY Port Hueneume to Point Conception	DATE Dec 1983
The following objects HAVE <input type="checkbox"/> HAVE NOT <input checked="" type="checkbox"/> been inspected from seaward to determine their value as landmarks.					
OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER		DATUM	
411	CM-7509	TP-00918		N.A. 1927	

CHARTING NAME	DESCRIPTION <small>(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)</small>	POSITION				METHOD AND DATE OF LOCATION <small>(See instructions on reverse side)</small>		CHARTS AFFECTED
		LATITUDE		LONGITUDE		OFFICE	FIELD	
		° / ' / D.M. Meters	° / ' / D.P. Meters	° / ' / D.P. Meters	° / ' / D.P. Meters			
*	Point Conception Light (Point Conception Lighthouse, 1933)	34 26	55.36	120 28	11.25	75E(I) 1981	Class III pos.	18720
			1705.8		287.2	Oct. 4, 1975	Not field verified	
	*Field edit cancelled. Photo position is CLASS III. Not field verified.							

(See reverse for responsible personnel)

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	Jerry L. Hancock, Dec. 1983
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' <i>(Consult Photogrammetric Instructions No. 64.)</i>	
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) 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. 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 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	II. TRIANGULATION STATION RECOVERED 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 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

