

TP 00921

TP 00921

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-00921	<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> COAL OIL POINT	
<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 <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. 00921 MAP EDITION NO. 01 MAP CLASS III (FINAL) JOB CM-7509 CM-7509	
DESCRIPTIVE REPORT - DATA RECORD				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__	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit-Norfolk, VA				OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR			
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation June 9, 1976				Premarking Aug. 11, 1975			
Compilation June 8, 1976				Premarking-Supp. I Jan. 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 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 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 L. O. Neterer, Jr.						Nov. 1976	
COMPILATION CHECKED BY A. C. Rauck, Jr.						Nov. 1976	
INSTRUMENT: Wild B-8				N.A.			
SCALE: 1:20,000				N.A.			
4. MANUSCRIPT DELINEATION PLANIMETRY BY J. Roderick						Dec. 1976	
CHECKED BY F. Margiotta						Jan. 1977	
METHOD: Smoothdrafted and graphic				N.A.			
SCALE: 1:20,000				N.A.			
HYDRO SUPPORT DATA BY J. Roderick						Dec. 1976	
CHECKED BY F. Margiotta						Jan. 1977	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY F. Margiotta						Jan. 1977	
6. APPLICATION OF FIELD EDIT DATA BY None							
CHECKED BY None							
7. COMPILATION SECTION REVIEW BY F. Margiotta						Jan. 1977	
8. FINAL REVIEW Class III BY J. Hancock						Nov. 1983	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY J. Hancock						Nov. 1983	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY G. Fromm						Jan. 1984	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY R. Thompson						May 1984	

TP-00921
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) "B"=152.74mm, "Z"=153.14mm Wild RC-10 "B" and "Z", RC-8 "E"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE "E"=152.71mm <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
				MERIDIAN 120th	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
75 Z (C) 7827 - 7833#	Oct 7, 1975	11:03	11:30,000	6.4 ft. above M.L.L.W.	
75 E (I) 2046 - 2051*	Oct 8, 1975	13:08	1:30,000	±0.2 ft. of M.H.W.	
75 E (I) 2002 - 2003*	Oct 7, 1975	12:30	1:30,000	±0.2 ft. of M.H.W.	
76 B (I) 2663 - 2668**	Mar 14, 1976	13:10	1:30,000	±0.2 ft. of M.L.L.W.	
76 B (I) 2653***	Mar 14, 1976	13:03	1:30,000	±0.2 ft. of M.L.L.W.	
Mean Range = 4.6					

REMARKS #Bridge 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 photographs.

M.H.W. PHOTOS	RATIO VALUE
2046 - 2051	1.452
2002 - 2003	1.476

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 photographs.

M.L.L.W. PHOTOS	RATIO VALUE
2663 - 2668	1.502
2653	1.502

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-00922	No Survey	TP-00920

REMARKS

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

TP-00921

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 R. Melby PRE-MARKED OR IDENTIFIED BY R. Melby and L. Riggers	1975, 1976 1975, 1976 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 R. Melby IDENTIFIED BY None	March 1976
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
Premarked2. VERTICAL CONTROL IDENTIFIED
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
75Z(C)7822	PELICAN 2, 1957 (SUB PT., 1975)		
76B(C)2259	PELICAN 2, 1957 (SUB PT., 1976)		
75Z(C)7831	NAPLES, 1927 (DIRECT, 1975)		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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, 2 Forms 76-53, 1 Form 76-40, 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-00921
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.	Jan. 1977	Class III manuscript Field edit canceled	July 1977	July 1977
Final Review, Class III	Nov. 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	Landmark for charts.
1		Jan. 1984	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: _____

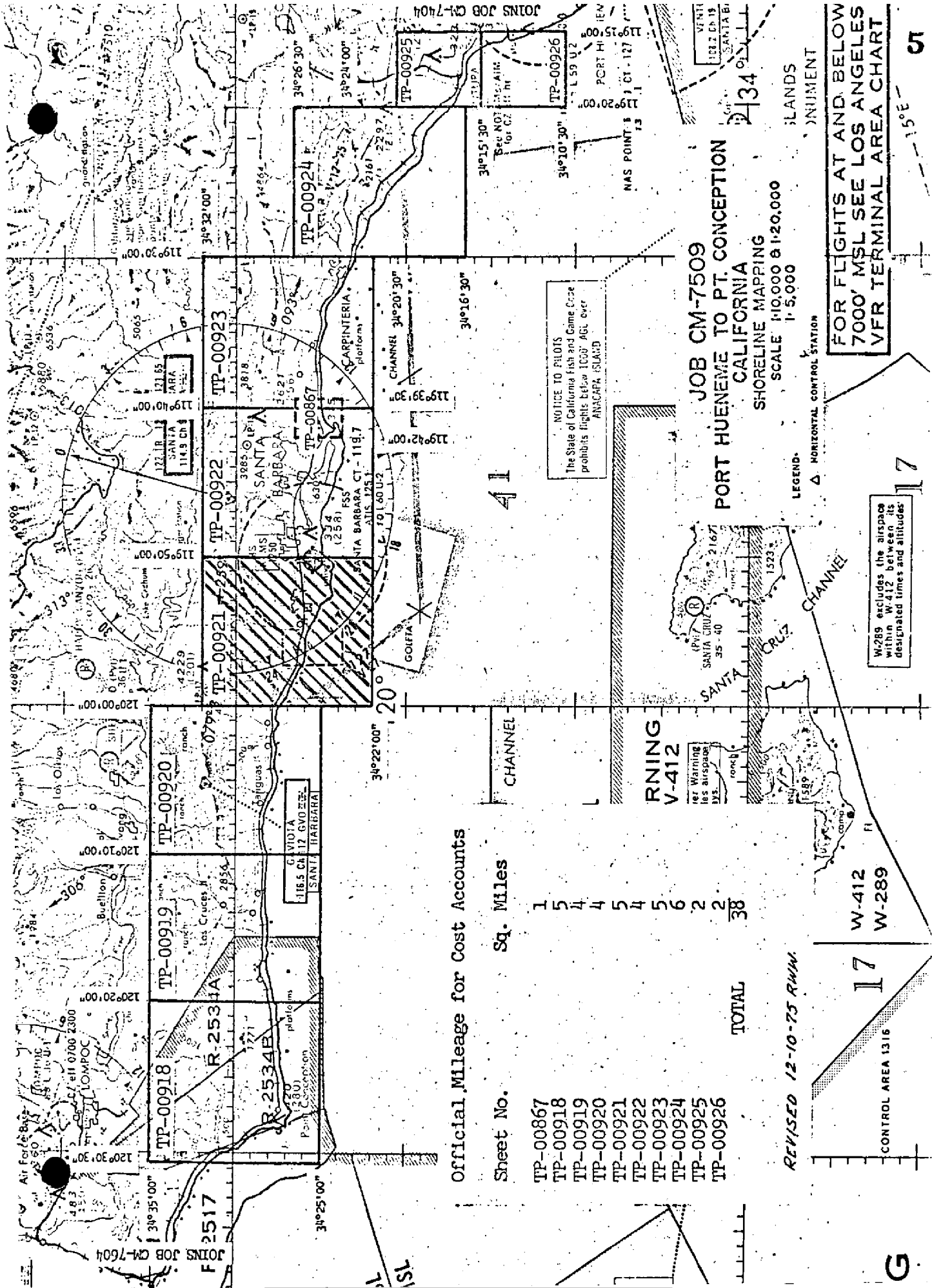
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 587-50 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 RWH

W-412
W-289

CONTROL AREA 1316

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

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

JOB CM-7509
PORT HUENEME TO PT. CONCEPTION
CALIFORNIA
SHORELINE MAPPING
SCALE 1:10,000 @ 1:20,000

NOTICE TO PILOTS
The State of California Fish and Game Code
prohibits flights below 1000' AGL over
ANACAPA ISLAND

LEGEND

△ HORIZONTAL CONTROL STATION

G

7

5

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00921

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 119°50.0' to longitude 120°00.0.

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 January 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-00921)

Final review was performed at the Atlantic Marine Center in November 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-00921

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. Volbeck

Approved and Forwarded:

John D. Perrow, Jr.

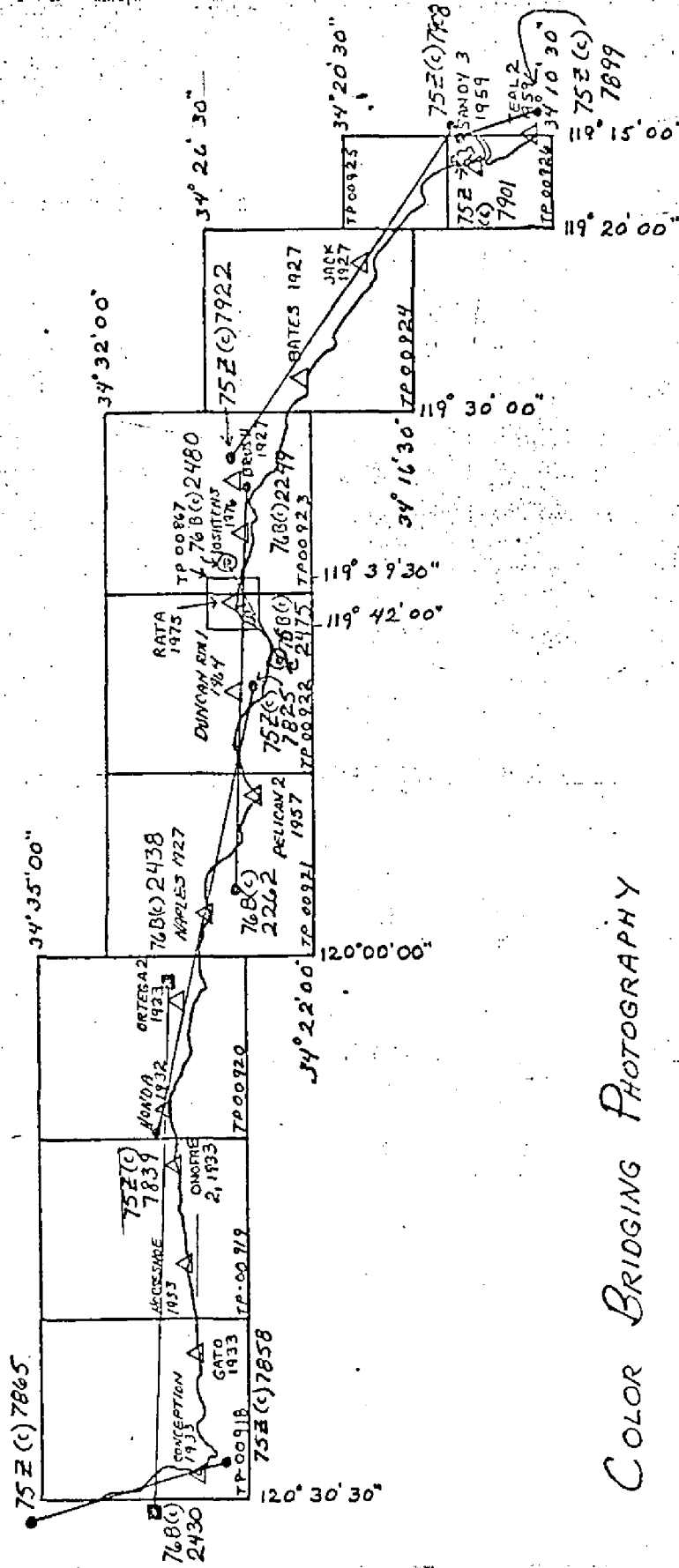
John D. Perrow, Jr.
Chief, Aerotriangulation Section

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.

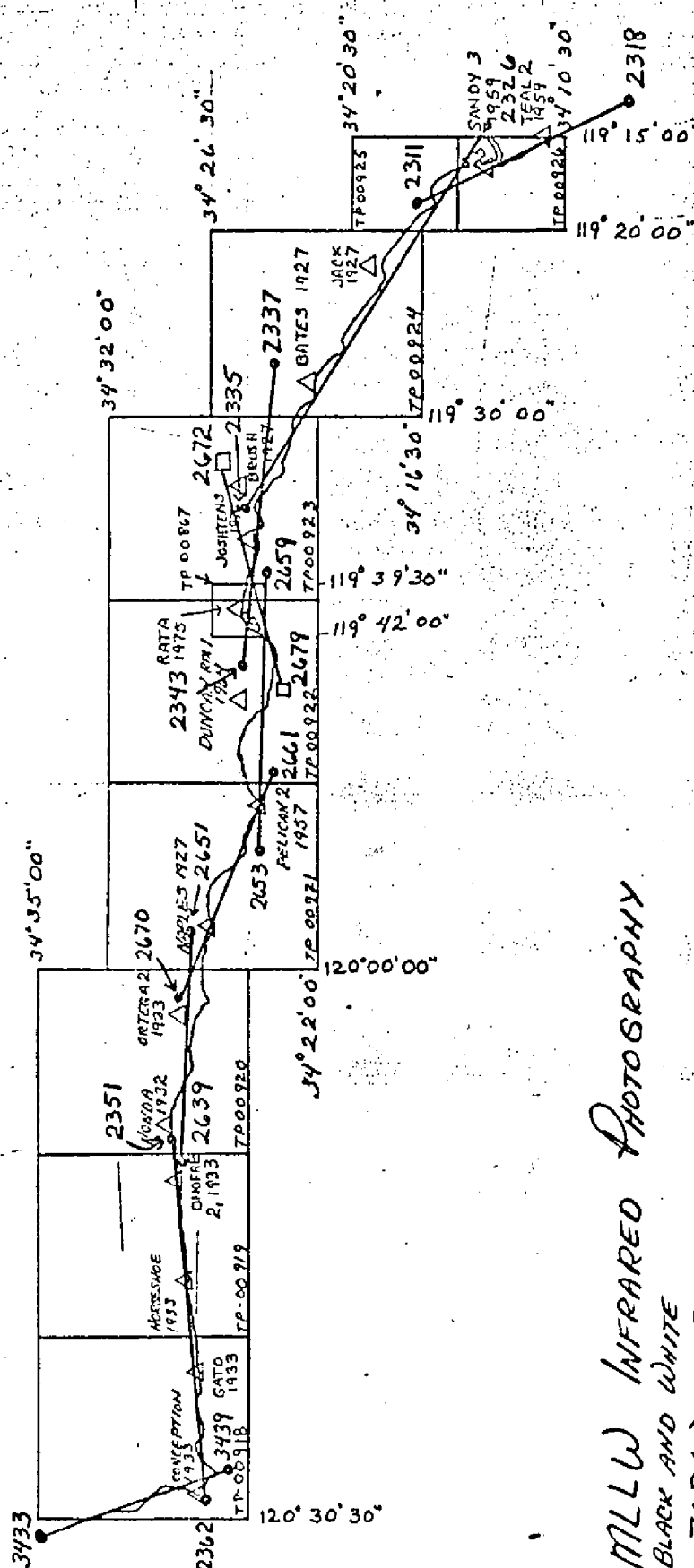
PO HUENEMIE TO POINT CONCEPTION, CALIF
 CH 7509
 AEROTRIANGULATION SKETCH



COLOR BRIDGING PHOTOGRAPHY

- 1:60000
- 1:30000
- ◎ 1:15000

PORT HUENEME TO POINT CONCEPTION, CALIF
CIN 7509
AEROTRIANGULATION SKETCH



MLLW 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, 1959) (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
	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 (JOSHENS, 1976)	- 1.891	- 2.649
	477110 (STEPENS WHARF) (LT #4, 1975)	- 1.991	+ .675
	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	+ 2.530
	255111 (ST ANTHONY'S SEMINARY) (CROSS ON CORNER, 1927)	+ 1.472	- 1.647
	256101 (DUNCAN REFERENCE) (MARK #1, 1964)	+ 1.096	+ 1.054
	258110 (KIMS NORTH RADIO) (TOWER 1935)	+ .280	+ .424
	258111 (KIMS SOUTH RADIO) (TOWER 1935)	+ 1.077	+ .079
	259111 (PELICAN 2, 1957)		

NOAA FORM 76-41 (6-75)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DESCRIPTIVE REPORT CONTROL RECORD					
MAP NO. TP-00921	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 BACK
EDWARDS, 1932	341193 Page 1035	45	X=	ϕ 34° 27' 03.490"	107.5 1741.3
NAPLES, 1927	Page 1054	831100	Y=	λ 119° 59' 09.729"	248.4 1283.2
CAMPBELL, 1927	Page 1024	51	X=	ϕ 34° 26' 10.672"	328.8 1520.0
PELICAN 2, 1957	Page 1006	259100	Y=	λ 119° 57' 22.244"	567.9 964.0
SANTA BARBARA AIRPORT, ARB2, 1960	Page 1135	53	X=	ϕ 34° 24' 28.571"	880.4 968.4
SANTA BARBARA AIRPORT, ARB2, 1961	Page 1136	140	Y=	λ 119° 52' 40.511"	1034.7 497.7
SANTA BARBARA AIRPORT, AP. STA. A, 1960	Page 1137		X=	ϕ 34° 24' 18.1870"	560.4 1288.4
SANTA BARBARA AIRPORT, AP. STA. A2, 1961	Page 1138		Y=	λ 119° 50' 35.8295"	915.1 617.3
GOLETA, UCSB, TOWER, 1976	Form 28D Field G.P.		X=	ϕ 34° 25' 39.079"	1204.1 644.7
BUCK, 1863	341193 Page 1021	44	Y=	λ 119° 50' 16.090"	410.8 1121.2
COMPUTED BY A. C. Rauck, Jr.		8/25/76	X=	ϕ 34° 25' 38.694"	1192.3 656.5
LISTED BY A. C. Rauck, Jr.		8/25/76	Y=	λ 119° 50' 16.802"	429.0 1103.0
HAND PLOTTING BY J. Roderick		11/3/76	X=	ϕ 34° 25' 38.489"	1186.0 662.8
			Y=	λ 119° 50' 51.468"	1314.2 217.8
			X=	ϕ 34° 25' 37.599"	1158.5 690.3
			Y=	λ 119° 50' 51.441"	1313.5 218.5
			X=	ϕ 34° 24' 45.506"	1402.2 446.6
			Y=	λ 119° 50' 50.630"	1293.00 239.3
			X=	ϕ 34° 28' 36.848"	1135.4 713.4
			Y=	λ 119° 58' 34.551"	881.7 649.4
			COMPUTATION CHECKED BY Lowell O. Neterer, Jr.		
			LISTING CHECKED BY Lowell O. Neterer, Jr.		
			HAND PLOTTING CHECKED BY F. Margiotta		

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

NOAA FORM 76-41
(6-75)NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00921	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
WYLIE, 1927	Page 1079	47		x=	ϕ 34° 27' 34.020"	1048.3	800.5
				y=	λ 19° 56' 24.280"	619.7	911.7
DREYFUS, 1927	Page 1032	48		x=	ϕ 34° 26' 35.415"	1091.2	757.6
				y=	λ 19° 55' 14.884"	380.0	1152.0
WINCHESTER, 1927	Page 1076	49		x=	ϕ 34° 27' 22.396"	690.1	1158.7
				y=	λ 19° 54' 28.601"	730.0	801.5
DOTY, 1927	Page 1031	50		x=	ϕ 34° 27' 16.325"	503.0	1345.8
				y=	λ 19° 53' 20.576"	525.2	1006.3
				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 8/25/76	COMPUTATION CHECKED BY Lowell O. Neterer, Jr.				
LISTED BY A. C. Rauck, Jr.		DATE 8/4/76	LISTING CHECKED BY Lowell O. Neterer, Jr.				
HAND PLOTTING BY J. Roderick		DATE 11/3/76	HAND PLOTTING CHECKED BY P. Margiotta				

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

COMPILATION REPORT

TP-00921

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. The 1:30,000 scale color photography was set on the Wild B-8 stereoplotter. The interior details and alongshore features were delineated at this time. 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 H.S. 5624, 5502, 5503, T.S. 4858, 4859, 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-00921

37 - LANDMARKS AND AIDS

Within the limits of the manuscript, there were 3 charted landmarks and no charted aids. Two landmarks were visible on the photographs and one was beyond the limits of photography.

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: Dos Pueblos Canyon, CA., scale 1:24,000, dated 1951; Goleta, CA., scale 1:24,000, dated 1950, photo revised 1967.

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; 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

J. C. Rauck, Jr.
A. C. Rauck, JR.
Chief, Coastal Mapping Section

Submitted by,

Joanne D. Roderick
Joanne D. Roderick
Cartographer
December 8, 1976

REVIEW REPORT TP-00921

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 the following 1:24,000 scale U.S.G.S. Quadrangles: Dos Pueblos Canyon, CA., dated 1951; and, Goleta, CA., dated 1950, photo revised 1967.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Contemporary hydrographic activity was accomplished for a portion of the shoreline common to this mapping project. The hydrographic surveys began at Longitude 119°42.8' and extended easterly along the shoreline which captures only the eastern half of this coastal project, beginning at Santa Barbara Point (TP-00922 and inset map TP-00867). Although no contemporary hydrographic activity was performed in the area common to this map, hydrographic development along the western shoreline has been proposed to resume in 1984.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS chart 18721, 1:100,000 scale, 7th edition, dated January 30, 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.

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 W. Bue *George W. Bue*
Chief, Photogrammetric Section, Rockville Chief, Photogrammetry Branch

November 23, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00921

Coal Oil Point

Goleta Point

Goleta Slough

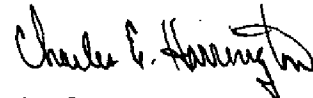
Naples

Pacific Ocean

Santa Barbara Channel

Southern Pacific (RR)

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	W. T. McLeMORE, Jr.
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) 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 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. 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 II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vls.' and date. EXAMPLE: V-Vls. 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.	

