

TP - 00632

TP - 00632

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
THIS MAP EDITION WILL NOT BE FIELD EDITED	
Map No. TP-00632	Edition No. 1
Job No. CM-7209	
Map Classification CLASS III (FINAL)	
Type of Survey SHORELINE	
LOCALITY	
State CALIFORNIA	
General Locality SAN NICOLAS AND SANTA BARBARA ISLANDS	
Locality SANTA BARBARA ISLAND	
1972 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. 00632	
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 PH. CM-7209	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Atlantic Marine Center, Norfolk, Virginia				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE R. Matsushige, CDR				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation August 7, 1972 Compilation February 22, 1973 Cancel field edit (memo) July 10, 1980				Horizontal control February 18, 1972			
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 Polyconic				4. GRID(S)			
				STATE California		ZONE 6	
5. SCALE 1:5,000				STATE California		ZONE	
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				J. Keating		Nov. 1972	
METHOD: Analytic LANDMARKS AND AIDS BY				None			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Philips		Nov 1972	
METHOD: Coradomat CHECKED BY				D. Philips		Nov 1972	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				F. Margiotta		Feb 1973	
COMPILATION CHECKED BY				L. Neterer, Jr.		Feb 1973	
INSTRUMENT: Wild B-8				CONTOURS BY		N.A.	
SCALE: 1:5,000				CHECKED BY		N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				F. Margiotta		Feb 1973	
CHECKED BY				A. Shands		Mar 1973	
METHOD: Smooth draft				CONTOURS BY		N.A.	
CHECKED BY				N.A.			
SCALE: 1:5,000 HYDRO SUPPORT DATA BY				F. Margiotta		Feb 1973	
CHECKED BY				A. Shands		Mar 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A. Shands		Mar 1973	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY				None			
7. COMPILATION SECTION REVIEW BY				A. Shands		Mar 1973	
8. FINAL REVIEW (Class III) BY				J. Hancock		Jun 1986	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				J. Hancock		Aug. 1986	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				P. Dempsey		Oct 1986	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				P. Dempsey		Oct 86	

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
TP-00632 COMPILATION SOURCES					
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild R.C. - 8 "L", L = 152.21mm		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE 8th MERIDIAN 120th	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72 L(C) 2294-2296* ✓	Mar.23,1972	09:14 ✓	1:15,000 ✓	0.8 ft. above MLLW	
72 L(C) 2290-2293** ✓	Mar.23,1972	09:09	1:15,000	0.8 ft. above MLLW	
72 L(C) 2299-2301** ✓	Mar.23,1972	09:17	1:15,000	0.7 ft. above MLLW	
72 L(I) 2357-2359*** ✓	Mar.23,1972	10:39	1:15,000	0.2 ft. below MLLW	
72 L(I) 2351-2353***	Mar.23,1972	10:36	1:15,000	0.2 ft. below MLLW	
Mean range 3.5 ft. ✓					
REMARKS *Bridging/compilation photographs, ** Hydro-support photographs, ***MLLW Infrared photographs.					
2. SOURCE OF MEAN HIGH-WATER LINE:					
The mean high water line was compiled from the above listed photographs using stereo instrument and graphic methods.					
3. SOURCE OF MEAN LOW-WATER LINE:					
None compiled, ratio photographs were not available at time of compilation.					
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	No Survey	No Survey	No Survey		
REMARKS Single map of Santa Barbara Island.					

TP-00632

HISTORY OF FIELD OPERATIONS

- I. ☒ FIELD ~~INSTRUCTION~~ OPERATION ☐ FIELD EDIT OPERATION
Premarking

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. Melby	Mar 1972
2. HORIZONTAL CONTROL	RECOVERED BY R. Melby ESTABLISHED BY R. Melby PRE-MARKED OR IDENTIFIED BY L. Riggers	Mar 1972 Mar 1972 Feb 1972
3. VERTICAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
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 None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
72L(C) 2294	ROCK(USN), 1972 (direct)		
72L(C) 2296	FERNANDES, 1972 (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)

2 - forms C&GS 152
1 - field report

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	Mar. 1973	Class III Manuscript (Field edit cancelled)	Jun. 1973	Jun. 1974
Final Review	Jun. 1986	Final Class III Map	Sept. 3, 1986	Sept. 3, 1986

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Sept. 3, 1986	Aid for Charts (Photo position - 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 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:

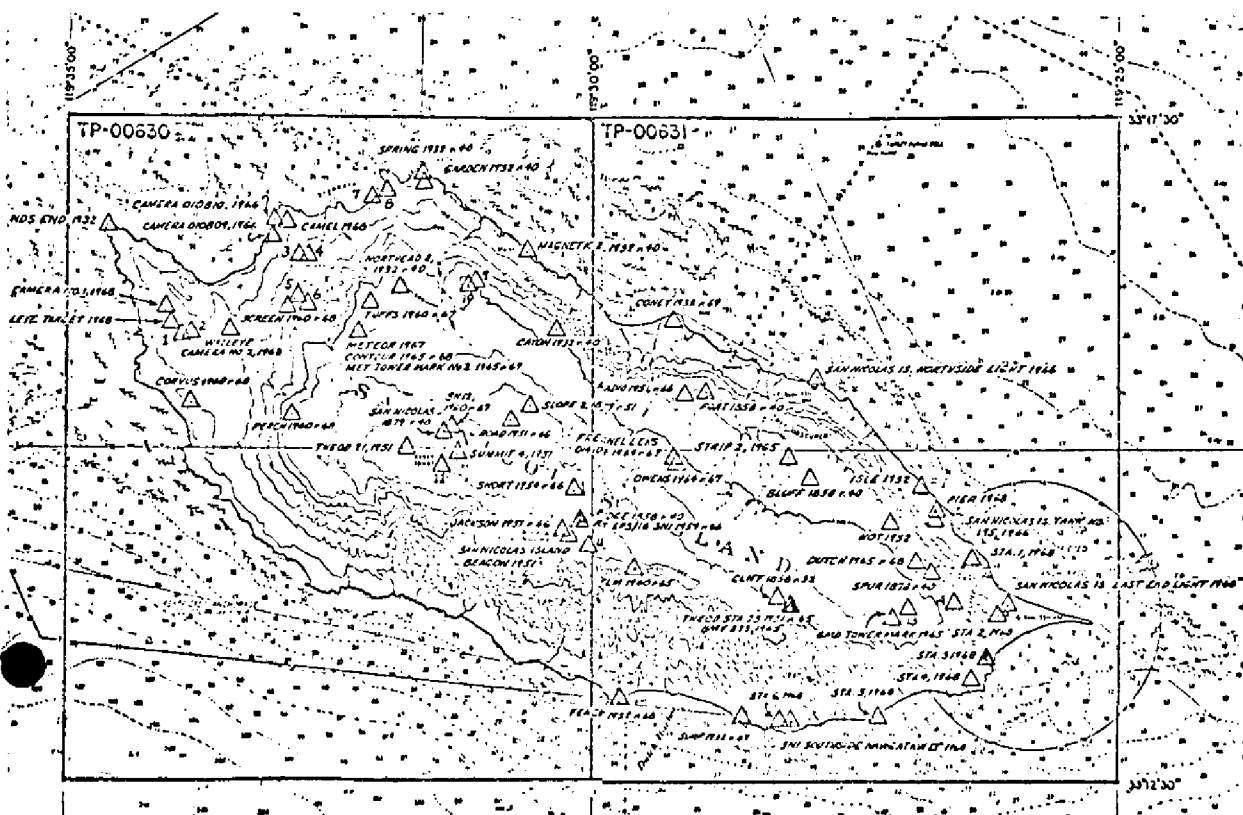
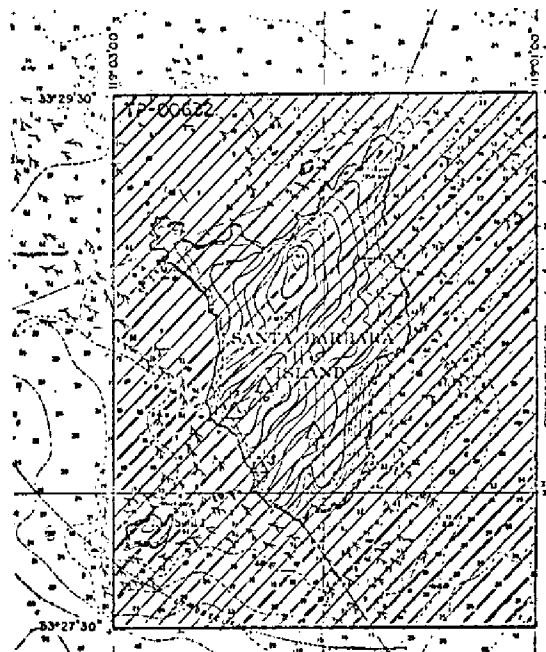
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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	

SCALE 1:5,000 & 1:10,000

<u>SHEET NO.</u>	<u>SQ MILES</u>
TP-00630	7
TP-00631	6
TP-00632	3
TOTAL	<u>16</u>



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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-00632

This final Class III shoreline map is one of three maps that comprise CM-7209, San Nicolas and Santa Barbara Islands, California. This 1:5,000 scale map covers Santa Barbara Island. Two maps at 1:10,000 scale (TP-00630 and TP-00631) covers the island of San Nicolas.

The purpose of this map is to provide charting information for nautical chart maintenance and to furnish support data for hydrographic operations.

This Class III map portrays the shoreline encompassing Santa Barbara Island.

Field work prior to compilation consisted of the recovery, establishment and identification, by premarking methods, of horizontal control necessary for aerotriangulation. Panels were constructed and the photo mission was performed in March 1972. There was no field inspection.

Photo coverage was adequately provided by 1:15,000 scale photographs for Santa Barbara Island and 1:30,000 scale photographs for San Nicolas Island. All photographs were taken in March 1972 with the Wild RC-8 "L" camera. Natural color film was used for the bridging, compilation and hydro-support photographs. Black-and-white infrared photographs were taken at near MLLW for low water delineation and to assist in shoreline interpretation.

Analytic aerotriangulation was adequately provided by the Washington Science Center in November 1972. The "Photogrammetric Plot Report" dated November 1972 stated that three strips of 1:30,000 scale photographs were bridged. However, it should be noted that two strips of 1:30,000 scale photographs were bridged for San Nicolas Island and one strip of 1:15,000 scale photographs was bridged for Santa Barbara Island. Aerotriangulation included ruling the base manuscripts and providing ratio values for the photographs at map scale.

Compilation for this map was based upon office interpretation of the 1:15,000 scale color photographs. Two strips of supplemental hydro-support color photographs and two strips of MLLW infrared black-and-white contact photographs were used to assist in interpretation. Ratio photographs of the MLLW infrared photography were not made available at the time of compilation. Consequently, the MLLW line was not compiled. Class III compilation was completed March 1973 at the Atlantic Marine Center. Appropriate hydro-support and field edit data were forwarded to the hydrographer.

Final review for this final Class III map was performed at the Atlantic Marine Center. Neither field edit nor a contemporary hydrographic survey were conducted in conjunction with this map. During compilation, various kelp limits were delineated beyond the assigned map projection limits. Since this is a single map portrayal of Santa Barbara Island, the delineated features were retained in order to best serve marine charts and potential hydrographic activity.

The original base manuscript and related data including a final Chart Maintenance Print and a Notes to Hydrographer Print were forwarded to the Washington Science Center for registration and distribution.

FIELD INSPECTION
TP-00632

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification by premarking methods of the horizontal control necessary for the aerotriangulation of the project.

Project CM-7209
Santa Barbara Island - San Nicolas Island, California
31 March 1972

Santa Barbara Island

Horizontal Control: It was necessary to establish three (3) horizontal control stations to meet the requirements for the aerial photo-paneling. As an azimuth check was not readily available due to weather conditions, polaris was observed at station SANTA BARBARA ISLAND 2, 1940, to check the azimuth to station MER SLOPE, 1871. The polaris azimuth should be computed before the field computations can be considered complete. Second order triangulation and traverse methods were employed but due to severe heat waves, other climatic conditions and triangle closures, the control is considered to be of third order accuracy.

San Nicolas Island

No horizontal control was established; existing control was paneled.

Respectfully,

RB Melby

R. B. Melby
Chief, PMC Field Party

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PHOTOGRAMMETRIC PLOT REPORT
Job CM-7209
San Nicolas and Santa Barbara Islands, California
November, 1972

21. Area Covered

This report covers sheets, TP-00630 and TP-00631 of San Nicolas Island, California, at 1:10,000 scale; TP-00632 of Santa Barbara Island, California, at 1:5,000 scale.

22. Method

Three strips of 1:30,000 scale photography were bridged by the analytic aerotriangulation method to provide horizontal control and ratio points for 1:15,000 scale photography. The attached sketch of the strips bridged shows the location of the triangulation points used in the strip adjustments. A list of closures to control is part of this report. Positions of all pass points, control stations, and ratio points have been plotted on the manuscripts by the Coradi referenced to the California Zone 6 Plane Coordinate System. Seven of the control stations; STA 1, STA 2, STA 4, STA 5, STA 6, SNI South Side Navigation Light, and PIER, all second order, had field geographic positions that were listed as being UNADJUSTED as the last adjustment in 1967, was prior to their establishment in 1968.

23. Adequacy of Control

The horizontal control provided was adequate and held well within the accuracy required by National Standards of Map Accuracy at 1:10,000 and 1:5,000 scales.

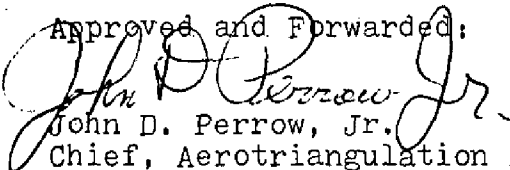
24. Supplemental Data

USGS quadrangle was used to provide elevations for vertical adjustment of bridges.

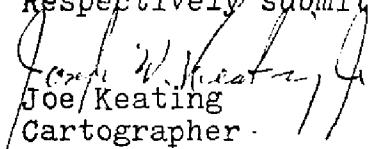
25. Photography

RC-9 photograph was adequate for coverage, overlap, and definition.





Approved and Forwarded:


John D. Perrow, Jr.
Chief, Aerotriangulation Section





Respectively submitted:


Joe Keating
Cartographer




LEGEND

-   Control used in Adjustment
 Closures of Bridges to Control Shown
 in Parenthesis
 Control used as Checks



STRIP #1

-  Black 1960 R142 (-0.2, -1.1)
 STA 3, 1968 (-0.1, +1.3)
 RT EPS (16)-SNI Sup Pt. 1, 1965 (0.1, 3.2)
 BM Y273 Sub Pt 1, 1965 (-0.3, -3.8)

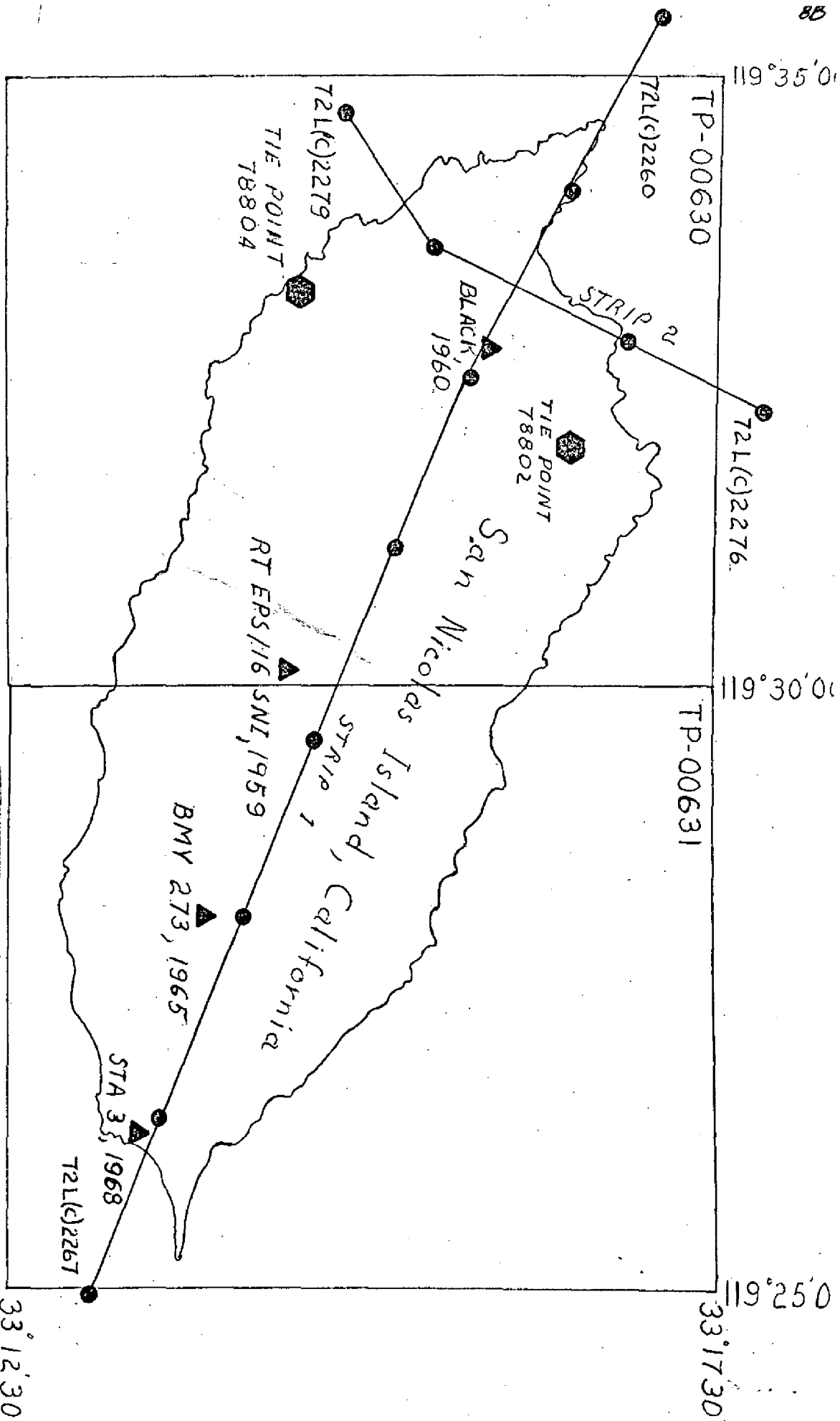
STRIP #2

-  Tie pt., 78802 (-0.4, -0.6)
 Tie pt., 78804 (-0.2, -0.2)
 Black, 1960 RM2 (+7.7, -0.8)

STRIP #3

-  ROCK (USN), 1972 (0.0, 0.0)
 FENANDEZ, 1972 (0.0, 0.0)

▲, ● HORIZONTAL CONTROL STA.



JOB CM-7209

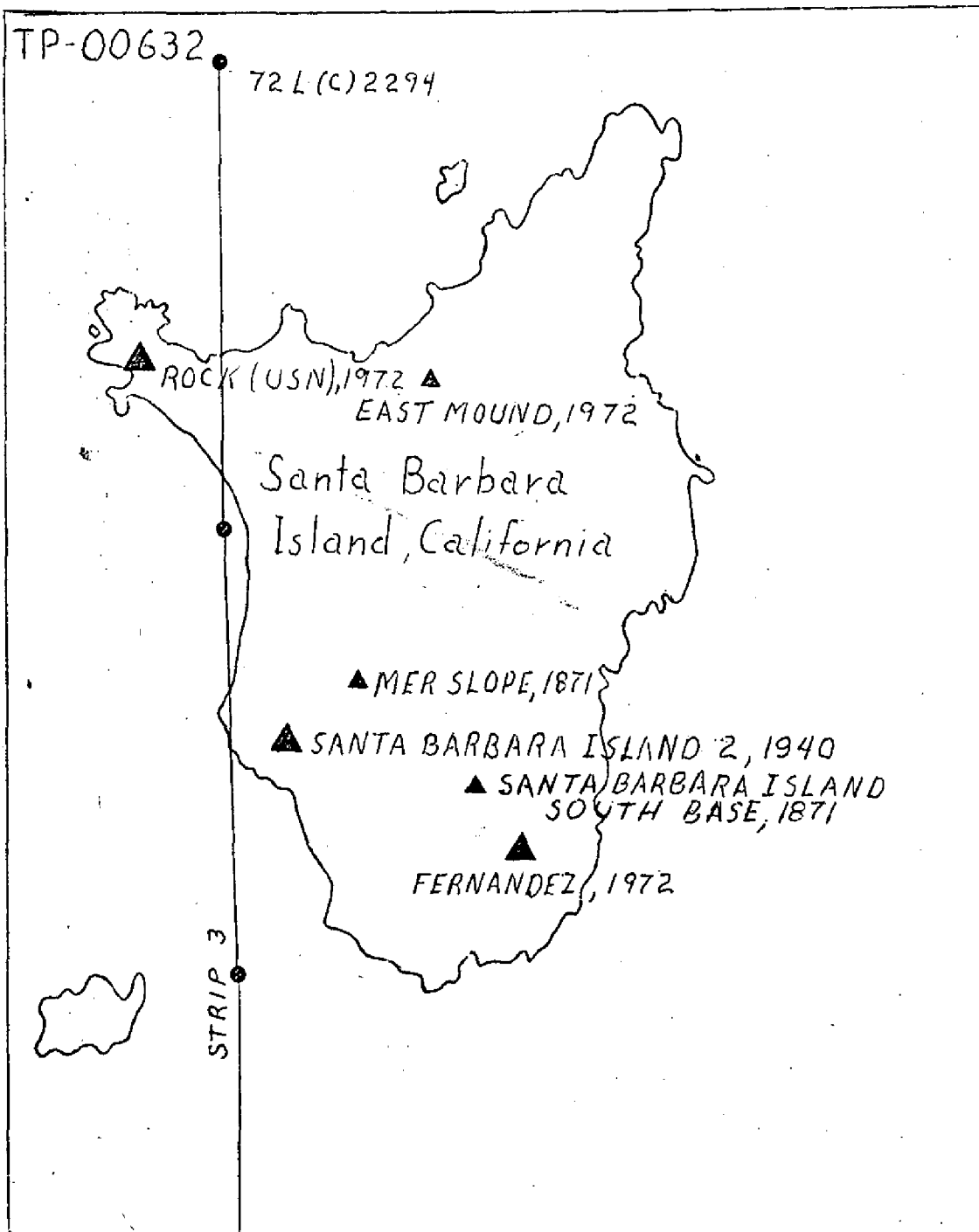
SAN NICOLAS & SANTA BARBARA
ISLANDS, CALIFORNIA

SHORELINE MAPPING

119° 03' 00"

119° 01' 00"

33° 29' 30"



JOB CM-7209

SAN NICOLAS & SANTA BARBARA
ISLANDS, CALIFORNIA

SHORELINE MAPPING

▲, HORIZONTAL CONTROL STA.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY	REMARKS	
TP-00632		CM-7209	N.A. 1927	Unit, AMC, Norfolk, VA		
		SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE California ZONE 6	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	
ROCK (USN), 1972		unadjusted 11102		x= y=	φ 33 28 57.1104 λ 119 02 44.7891	
FERNANDES, 1972		unadjusted 11101		x= y=	φ 33 28 07.7512 λ 119 01 57.6156	
EAST MOUND 2, 1972		unadjusted 11101		x= y=	φ 33 28 53.6799 λ 119 02 08.7212	
SANTA BARBARA ISLAND 2 R.M. NO. 4 1940		Quad.331192 Sta 1021		x= y=	φ 33 28 19.578 λ 119 02 25.575	
SANTA BARBARA ISLAND SOUTH BASE, 1871		Quad.331192 Sta 1023		x= y=	φ 33 28 14.75 λ 119 02 03.27	
MER SLOPE, 1871		Quad.331192 Pg. 1015		x= y=	φ 33 28 25.1964 λ 119 02 16.9083	
SANTA BARBARA ISLAND 2, 1940		Quad.331192 Sta 1921		x= y=	φ 33 28 19.348 λ 119 02 25.183	
MONUMENT (NNW), 1951		Quad.331192 Sta 1021		x= y=	φ 33 28 19.769 λ 119 02 25.346	
				x= y=	φ λ	
				x= y=	φ λ	
COMPUTED BY A. C. Rauck, Jr.			DATE 12/11/72	COMPUTATION CHECKED BY R. R. White		DATE 12/29/71
LISTED BY			DATE	LISTING CHECKED BY		DATE
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

TP-00632

31 - DELINEATION

Delineation was accomplished using stereo instrument and graphic compilation methods. Instrument compilation was used to delineate shoreline, alongshore, and interior detail based upon office interpretation of the 1:15,000 scale bridging/compilation photographs. Tide coordinated MLLW infrared photographs at 1:15,000 scale were provided to assist in interpretation. Ratio photographs of the MLLW photography were not available at the time of compilation. Consequently, the MLLW line was not compiled.

All photographs used to compile this map are listed on NOAA Form 76-36B. The photography was adequate.

32 - CONTROL

See Photogrammetric Plot Report, dated November 1972.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was delineated from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line and alongshore details were delineated from office interpretation of the photographs. Contact photographs enlarged at 2.96 times provided ratio coverage of the hydro support photography.

36 - OFFSHORE DETAILS

Offshore detail was compiled from office interpretation of the photographs. The foul with kelp limits were delineated beyond the map projection since there are no adjoining sheets.

37 - LANDMARKS AND AIDS

One charted fixed navigational aid was located photogrammetrically.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

See Form 76-36B, item #5, of the Descriptive Report.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Dept. of Interior Geological Survey quadrangle:
Santa Barbara Island, Chan. Islands National Monument, California - 1973, scale 1:24,000.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Chart:
C & GS 5110, dated July 31, 1971, 4th edition, scale 1:20,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by

Frank P. Margiotta

for Frank P. Margiotta
Cartographic Technician
March 2, 1973

Approved

Albert C. Rauck, Jr.

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

¹²
JUN 17 E
6/17/86

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7209 (San Nicolas and Santa Barbara Islands, California)

TP-00632

Arch Point

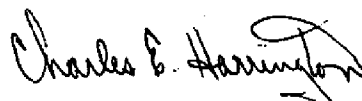
Pacific Ocean

Santa Barbara Island

Shag Rock

Sutil Island

Approved:



Charles E. Harrington
Chief Geographer
Nautical Charting Division
Charting and Geodetic Services

REVIEW REPORT

TP-00632

SHORELINE

61 - GENERAL STATEMENT

Final review for this final Class III map was accomplished at the Atlantic Marine Center in June 1986. For a schedule of the office and field operations, 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 a Dept. of the Interior Geological Survey quadrangle:
Santa Barbara Island, dated 1973, 1:24,000 scale.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

There was no contemporary hydrographic survey common to this map.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with NOS Chart 18756, 6th edition, 1:20,000 scale, dated May 25, 1985.

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



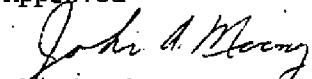
Jerry L. Hancock
Final Reviewer

Approved for forwarding




Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved



John A. Mearns
Chief, Photogrammetric Operations,
Rockville



Ronald K. Brewer
Chief, Photogrammetry Branch,
Rockville

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	F. Margiotta
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-2-6-1 8-12-75	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 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.	

