

TP-00405

TP-00405

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey *Shoreline*.....
Job No. *PH-7107*..... Map No. *TP-00405*.....
Classification No. *Final*..... Edition No. *1*.....
Field Edited Map

LOCALITY

State *California*.....
General Locality *Dana Point to Point Vicente*.....
Locality *Huntington Beach*.....

1971 TO 1975

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		SURVEY TP-00405 MAP EDITION NO. (1) MAP CLASS Final JOB PH. 7105	
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 Division Norfolk, Va.							
OFFICER-IN-CHARGE Jeffery G. Carlen, Cdr							
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation Aug 17, 1971 Compilation Nov. 5, 1971 Supplement 1 Oct. 9, 1973 Amendment 1 Oct. 30, 1973 Amend. 1 to Supp. 1 Jan. 28, 1974				Premarking March 1, 1971 Premarking Supplement I Feb. 25, 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 1:10,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY				D. Brant		Nov 1971	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				D. Phillips		Oct 1971	
				D. Phillips		Oct 1971	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				R. R. White		Dec 1971	
INSTRUMENT: Wild B-8 SCALE: 1:15,000				A. L. Shands		Dec 1971	
				NA			
				NA			
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: Smooth drafted CHECKED BY				R. R. White		Dec 1971	
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				L. L. Graves		Dec 1971	
				NA			
				NA			
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				L. L. Graves		Dec 1971	
6. APPLICATION OF FIELD EDIT DATA BY				I. Perkinson		Jul 1975	
				A. L. Shands		Nov 1975	
7. COMPILATION SECTION REVIEW BY				A. L. Shands		Nov 1975	
8. FINAL REVIEW BY				A. L. Shands		Aug 1978	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				A. L. Shands		Nov 1978	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				A. K. Heywood		Feb 1980	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				E. L. DAUGHERTY		JUN 1980	

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

TP-00405

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input 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	
71L(C) 1466-1468	3/5/71	09:47	1:20,000	0.7 ft. above MLLW	
71L(C) 1484	3/5/71	10:05 ^s	1:20,000	0.5 ft. above MLLW	
*71L(I) 2227	3/7/71	15:25	1:30,000	±0.2 ft. of MLLW	

REMARKS

*Denotes tide coordinated photography.

2. SOURCE OF MEAN HIGH-WATER LINE:

Office interpretation of the above listed photography.

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

*Mean lower low water line was compiled from tide coordinated infrared photography listed above.

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	Scale	EAST	SOUTH	WEST
TP-00404	1:10,000	TP-00406	No contemporary survey	No contemporary survey

REMARKS

TP-00405

HISTORY OF FIELD OPERATIONS

1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. B. Melby	Feb/Mar '71
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None 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	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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)

None

TP-00405

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION

☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		CDR R. E. Alderman	Apr 1975
2. HORIZONTAL CONTROL	RECOVERED BY	FAIRWEATHER personnel	Apr 1975
	ESTABLISHED BY	FAIRWEATHER personnel	Apr 1975
	PRE-MARKED OR IDENTIFIED BY	None	
3. VERTICAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	None	
RECOVERED (Triangulation Stations) BY		None	

TP-00405

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	Dec 1971	Class III manuscript	None	1/5/72
Field Edit Applied. Compilation complete	Jul 1975	Class I	6/7/76	
Final Review	Aug 1975	Final	Nov 1978	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
			NONE

SUMMARY TO ACCOMPANY

TP-00404 through TP-00415

Maps included in this summary comprise roughly the southern half of Project PH-7107. Maps TP-00406 through TP-00411 are 1:5,000 scale. TP-00404, TP-00405 and TP-00412 through TP-00415 are 1:10,000 scale.

These maps cover the mainland coast of California from Dana Point northward to Huntington Beach. Each map is a standard shoreline map the purpose, of which, is to provide shoreline in support of contemporary hydrographic operations and for nautical chart construction.

The shoreline is composed primarily of sand. Large amounts are deposited from runoff during the winter and spring rains. Much of the sand is then eroded during the dry months. This cycle of erosion and deposition causes the shoreline to meander in and out. As a result, the mean high water line throughout the entire area is constantly changing.

Field operations prior to compilation consisted of the recovery and identification of horizontal control used in the bridge and leveling operations used to establish the mean lower low water datum in connection with the tide coordinated infrared photography.

The job was bridged in two parts. Bridging for this part of the job was done at the Rockville Office in November, 1971. All ratios were determined and photographs were ordered at that time.

All maps were compiled at the Atlantic Marine Center in January and February, 1972. Field edit was accomplished in October, 1974.

Field edit application and Final Review was performed at the Atlantic Marine Center. All pertinent data was forwarded to the Rockville Office for reproduction and final registration.

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Field Report
Project PH-7107
Dana Point to Point Vicente, California
Shoreline Mapping
February - March 1971

The field work pertaining to this project consisted of premarking horizontal control stations prior to aerial photography and furnishing tidal observations necessary for tide control photography.

Horizontal Control:

The horizontal control requirements consisted of paneling preselected triangulation stations. The panels were the conventional, white, opaque polyethylene plastic, cut to the specifications as required for 1:30,000 scale photography.

Form 152, Control Station Identification cards will be submitted for each station paneled. All of the panels are in open areas and shadows or cliffs should not be a problem. Panel array No. 1 was used exclusively, although in some instances, the length or position of the rays were altered to conform to the existing terrain.

Tide Observations:

At Newport Bay, three existing tidal bench marks were tied by spirit levels to the stop on the portable tide staff, of the operating tide gage. The values agreed favorably with the results as determined by a party from the San Francisco Field Office on 2 February 1971. Staff reading of 3.18 feet equals 0.00 feet mean lower low water.

The staff was read at least one hour prior to, during, and one hour after the anticipated or actual aerial photography. The readings were at five minute intervals to the nearest 0.05 foot. The air photo mission was informed by radio of the tide staff readings, during the overflights. The field level observations are recorded in Form 258, "Leveling Record - Tide Station".

A bubbler tide gage was installed on the Oceanside Pier, Oceanside, California, 3 March 1971 to provide tidal data for the proposed tide-controlled photography, scheduled for October 1971.

Respectfully Submitted,

Robert B. Melby

Robert B. Melby
Chief, PNC Field Party

PHOTOGRAMMETRIC PLOT REPORT

Part 1

Dana Point to Point Vicente

California

Job PH-7107

November 1971

21. Area Covered

The area covered by this report is along the west coast of California. Control was extended for the shoreline compilation of the following maps:

1:5,000 scale1:10,000 scale

TP-00406

TP-00404

TP-00407

TP-00405

TP-00408

TP-00412

TP-00409

TP-00413

TP-00410

TP-00414

TP-00411

TP-00415

22. Method

Strip #1 (1:30,000 scale photography) was bridged using analytical aerotriangulation methods. Sketch #1 shows the flight line of the photography and the placement of the control used in the adjustment. Compilation points were located between Strip #1 and Strips #2, #3 and #4 (1:15,000 scale photography) to control the 1:5,000 scale compilation. Compilation points were also located between Strip #1 and Strip #5 (1:30,000 scale photography) where coverage from Strip #1 was not sufficient to control the 1:10,000 scale compilation. Sketch #2 shows the flight lines of the photography. Common points were located between Strip #1 and the 1:15,000 scale and 1:20,000 scale photography in order to determine the ratio scale for the hydro support photography. Natural objects such as tanks, stacks, etc. were located for hydro support parties during bridging. All data for ruling projections and plotting points for the compilation office were furnished to the Coradomat to be plotted on the California zone 6 coordinate system.

23. Adequacy of Control

Horizontal control was premarked and was adequate for bridging.

2

24. Supplemental Data

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

25. Photography

The following 1:30,000 scale RC-8 color photography was used in bridging Strip #1:

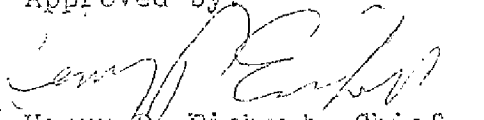
71-L(C)-1653 thru 1674

The definition and quality of photography was adequate.

Submitted by:


Donald M. Brant

Approved by:

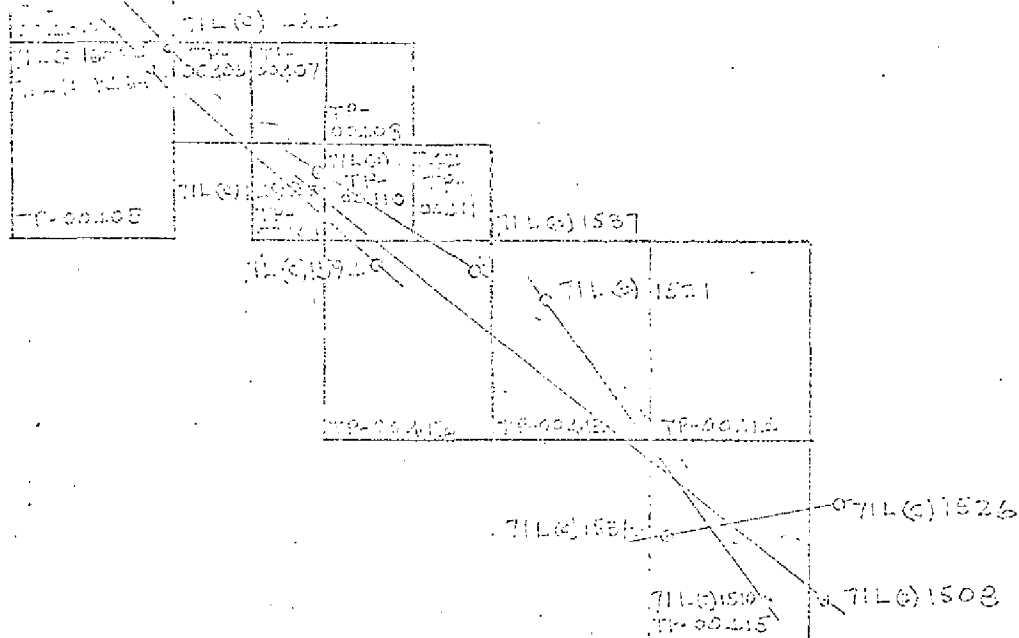

Henry E. Eichert, Chief
Aerotriangulation Section

Map of the South Nigohi area showing various land parcels and survey points. The map includes a grid of rectangular parcels, some of which are labeled with 'TP' (Township) and 'R' (Range) numbers. A diagonal line runs from the top left to the bottom right, labeled 'STRIP 1'. A small triangle is labeled 'SOUTH NIGOH' and '1874'. The map is oriented with North at the top.

Key features and labels on the map:

- Top Left:** A large rectangular area labeled 'TP-00405'.
- Top Center:** A rectangular area labeled 'TP-00408'.
- Top Right:** A rectangular area labeled 'TP-00409'.
- Center:** A rectangular area labeled 'TP-00410'.
- Bottom Left:** A rectangular area labeled 'TP-00412'.
- Bottom Center:** A rectangular area labeled 'TP-00413'.
- Bottom Right:** A rectangular area labeled 'TP-00414'.
- Far Bottom Right:** A rectangular area labeled 'TP-00415'.
- Diagonal Line:** A line running from the top left to the bottom right, labeled 'STRIP 1'.
- Small Triangle:** A small triangle labeled 'SOUTH NIGOH' and '1874'.

JOB PH - 7107
DANA POINT TO POINT VICENTE
CALIFORNIA
SHORE LINE MAPPING
SCALE 1:10,000 @ 1:5,000



0 115,000 SCALE WIDE COPY-OUT PHOTOGRAPH
 0 112,000 SCALE WIDE COPY-OUT PHOTOGRAPH

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	PH-7107	GEODETTIC DATUM		COORDINATES IN FEET STATE <u>California</u> ZONE <u>6</u>	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
				NA	1927		Division, Norfolk, VA.	Mapping		
		SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER				ϕ LATITUDE λ LONGITUDE	REMARKS FORWARD	BACK	
TP-00405	PIER, 1935	Quad 331181 2059			X=		ϕ 33 39 23.120	712.3	(1136.2)	
					Y=		λ 118 00 06.608	170.3	(1375.7)	
	ROOF, 1911	Quad 331181 2060			X=		ϕ 33 39 27.032	832.8	(1015.7)	
					Y=		λ 118 00 01.630	42.0	(1504.0)	
					X=		ϕ			
					Y=		λ			
					X=		ϕ			
					Y=		λ			
					X=		ϕ			
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					Y=		λ			
COMPUTED BY	R. J. Pate			DATE	12/9/71	COMPUTATION CHECKED BY	J. Bulfer	DATE	12/14/71	
LISTED BY				DATE		LISTING CHECKED BY		DATE		
HAND PLOTTING BY				DATE		HAND PLOTTING CHECKED BY		DATE		

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

COMPILATION REPORT

TP-00405

31. DELINEATION:

The Wild B-8 was used along with 1:30,000 scale color photography for compilation.

The mean lower low water line was compiled graphically using infrared ratio photographs. There was no field inspection prior to compilation. The photography was good.

32. CONTROL:

See "Photogrammetric Plot Report Part 1", dated November 1971.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. No drainage was compiled.

35. SHORELINE AND ALONGSHORE DETAILS:

All detail was compiled from office interpretation of the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See form 76-36b under Final Junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle SEAL BEACH, CALIF., scale 1:24,000, dated 1965.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with Chart 5142, scale 1:80,000, 9th edition, dated April 17, 1971.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Bill D. White



June 16, 1978

GEOGRAPHIC NAMES

FINAL NAME SHEET

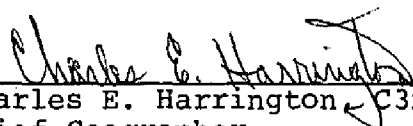
PH-7107, Dana Point to Point Vicente, California

TP-00405

Huntington Beach (locality)

Pacific Ocean

Approved by:



Charles E. Harrington C3x8
Chief Geographer

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP - 00405		12	
1. PROJECTION AND GRIDS LLG	2. TITLE LLG	3. MANUSCRIPT NUMBERS LLG	4. MANUSCRIPT SIZE LLG
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY LLG	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	7. PHOTO HYDRO STATIONS NA	
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES NA	10. PHOTOGRAMMETRIC PLOT REPORT ROCKVILLE SCIENCE CENTER	11. DETAIL POINTS LLG
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LLG	13. LOW-WATER LINE LLG	14. ROCKS, SHOALS, ETC. NA	15. BRIDGES NA
16. AIDS TO NAVIGATION LLG	17. LANDMARKS NA	18. OTHER ALONGSHORE PHYSICAL FEATURES LLG	19. OTHER ALONGSHORE CULTURAL FEATURES LLG
PHYSICAL FEATURES			
20. WATER FEATURES LLG	21. NATURAL GROUND COVER NA	22. PLANETABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES NA
CULTURAL FEATURES			
27. ROADS LLG	28. BUILDINGS LLG	29. RAILROADS NA	30. OTHER CULTURAL FEATURES NA
BOUNDARIES			
31. BOUNDARY LINES NA	32. PUBLIC LAND LINES NA		
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LLG	34. JUNCTIONS LLG	35. LEGIBILITY OF THE MANUSCRIPT LLG	
36. DISCREPANCY OVERLAY LLG	37. DESCRIPTIVE REPORT LLG	38. FIELD INSPECTION - PHOTOGRAPHS NA	39. FORMS LL
40. REVIEWER <i>Albert C. Rauck, Jr.</i> LL Graves 12/23/71		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER <i>Irene Perkinson</i> Irene Perkinson 7/24/75		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Reviewer: Arnold L. Shands 11/75			
43. REMARKS <i>Arnold L. Shands</i>			
See Form 76-36C, item 7 and 8 of Field Edit Operations.			

FIELD EDIT REPORT

MAP TP-00405

HUNTINGTON BEACH, CALIFORNIA

APRIL 1975

APRIL 1975

Field edit of map TP-00405 was done by Lcdr Joseph A. Sowers during April 1975. Field inspection of the area was done at various stages of the tide by land vehicle.

METHOD

Photographs and a copy of the field edit ozalid were examined in the field. Photogrammetric techniques were used for location of features in question. The foreshore area was regular, sandy beach and unfouled, requiring no verification of the existence of rocks, reefs, etc. All times are based on GMT.

ADEQUACY OF COMPILATION

Compilation of this map is good. Signal and Union Oil company drawings have been attached to the Field Edit Ozalid to aid in location of cables and pipelines. Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes and fix information on the ozalid ~~and photographs~~, and then be accepted as an advanced manuscript.

Respectfully submitted:



Joseph A. Sowers
LCDR, NOAA

REVIEW REPORT
TP-00405

SHORELINE

August 8, 1978

61. GENERAL STATEMENT:

Oil platforms Emmy and Eva were delineated on the map from drawings submitted by the field editor. These drawings have shown on them, accurate positions of one point (presumably the center) on the platform and the shore ends of the attached pipelines and cables. The size and shape of the platforms, however, are not given. They are noted as approximate on the map.

See Summary, page 6 of this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

No comparison was made.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

No comparison was made.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smooth Sheet H-9492 (FA-10-1-75). There are no differences among common details.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18746, 1:80,000 scale, 17th edition, dated March 19, 1977. There are no significant differences.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Submitted by:

A. L. Shands

A. L. Shands
Final Reviewer

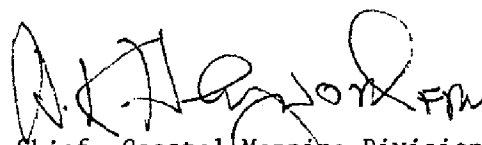
Approved for forwarding:

Bill H. Barnum
for
Chief, Photogrammetric Branch, AMC

Approved:



Chief, Photogrammetric Branch



Chief, Coastal Mapping Division

RECORD OF APPLICATION TO CHARTS

TP 00 405

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]