NOAA FORM 76-35
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Shoreline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job No.</td>
<td>PH-7107</td>
</tr>
<tr>
<td>Map No.</td>
<td>TP-00411</td>
</tr>
<tr>
<td>Classification No.</td>
<td>Final</td>
</tr>
<tr>
<td>Edition No.</td>
<td>1</td>
</tr>
<tr>
<td>Field Edited Map</td>
<td></td>
</tr>
</tbody>
</table>

LOCALITY

<table>
<thead>
<tr>
<th>State</th>
<th>California</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Locality</td>
<td>Dana Point to Point Vicente</td>
</tr>
<tr>
<td>Locality</td>
<td>Corona Del Mar</td>
</tr>
</tbody>
</table>

1971 TO 1974

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901
### Descriptive Report - Data Record

**Photogrammetric Office**
Coastal Mapping Division
Norfolk, Va.

**Officer-in-Charge**
Jeffrey G. Carlen, Cdr.

**I. Instructions Dated**

<table>
<thead>
<tr>
<th>Office</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerotriangulation</td>
<td>August 17, 1971</td>
</tr>
<tr>
<td>Supplement 1</td>
<td>October 9, 1973</td>
</tr>
<tr>
<td>Amendment 1</td>
<td>October 30, 1973</td>
</tr>
<tr>
<td>Amend. 1 to Supp. 1</td>
<td>January 28, 1974</td>
</tr>
</tbody>
</table>

**II. Datums**

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
<th>Other (Specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1927 North American</td>
<td>Mean High-Water</td>
<td></td>
</tr>
<tr>
<td>Mean Low-Water</td>
<td>Mean Lower Low-Water</td>
<td></td>
</tr>
<tr>
<td>Mean Sea Level</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**III. History of Office Operations**

<table>
<thead>
<tr>
<th>Operations</th>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerotriangulation</td>
<td>D. Brant</td>
<td>Nov 1971</td>
</tr>
<tr>
<td>Control and Bridge Points</td>
<td>D. Phillips</td>
<td>Oct 1971</td>
</tr>
<tr>
<td>Stereoscopic Instrument</td>
<td>L. O. Neterer</td>
<td>Dec 1971</td>
</tr>
<tr>
<td>Manuscript Delineation</td>
<td>C. E. Blood</td>
<td>Dec 1971</td>
</tr>
<tr>
<td>Application of Field Edit</td>
<td>A. L. Shands</td>
<td>Jun 1975</td>
</tr>
<tr>
<td>Compilation Section Review</td>
<td>A. L. Shands</td>
<td>Jun 1975</td>
</tr>
<tr>
<td>Final Review</td>
<td>A. L. Shands</td>
<td>Jul 1978</td>
</tr>
<tr>
<td>Data Forwarded to Photogrammetric Branch</td>
<td>A. L. Shands</td>
<td>Nov 1978</td>
</tr>
<tr>
<td>Data Examined in Photogrammetric Branch</td>
<td>A. K. Halwood</td>
<td>Feb 1980</td>
</tr>
<tr>
<td>Map Registered - Coastal Survey Section</td>
<td>E. L. Daugherty</td>
<td>Jun 1980</td>
</tr>
</tbody>
</table>
## Compilation Sources

### 1. Compilation Photography

**Camera(s):**

- Wild RC-8 "L"

**Tide Stage Reference:**

- Predicted Tides
- Reference Station Records
- Tide Controlled Photography

<table>
<thead>
<tr>
<th>Number and Type</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>71L(C) 1549 &amp; 1550</td>
<td>3/5/71</td>
<td>11:07</td>
<td>1:15,000</td>
<td>0.1 ft. below MLLW</td>
</tr>
<tr>
<td>*71L(1) 2004</td>
<td>3/6/71</td>
<td>15:00</td>
<td>1:30,000</td>
<td>+0.2 ft. of MLLW</td>
</tr>
<tr>
<td>71L(C) 1538 - 1539</td>
<td>3/5/71</td>
<td>10:52</td>
<td>1:15,000</td>
<td>0.1 ft. below MLLW</td>
</tr>
</tbody>
</table>

**Remarks:**

*Indicates tide controlled photography

### 2. Source of Mean High-Water Line:

The mean high water line was compiled from the above listed photography.

### 3. Source of Mean Low-Water or Mean Lower Low-Water Line:

*The mean low water line was compiled from the tide coordinated infrared photographs listed above.

### 4. Contemporary Hydrographic Surveys (List only those surveys that are sources for photogrammetric survey information.)

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
</tr>
</thead>
</table>

### 5. Final Junctions

- **North:** No contemp. survey
- **East:** No Contemp. Survey
- **South:** TP-00412 (1:10,000 scale)
- **West:** TP-00410

**Remarks:**

No additional remarks noted.
# HISTORY OF FIELD OPERATIONS

## 1. FIELD INSPECTION OPERATION

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIEF OF FIELD PARTY</td>
<td>R. Melby</td>
<td>Feb/Mar'71</td>
</tr>
</tbody>
</table>

## 2. HORIZONTAL CONTROL

- Recovered by: None
- Established by: None
- Pre-marked or identified by: None

## 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
- Locates (Field Methods) by: None
- Identified by: None

## 5. GEOGRAPHIC NAMES INVESTIGATION

- Type of investigation: Complete
- Specific names only: No
- No investigation: Yes

## 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

### 3. PHOTO NUMBERS (Clarification of details)

None

### 4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

### 5. GEOGRAPHIC NAMES

- Report: None
- None

### 6. BOUNDARY AND LIMITS

- Report: None
- None

## 7. SUPPLEMENTAL MAPS AND PLANS

None

## 8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list date submitted to the Geodetic Division)

None
### HISTORY OF FIELD OPERATIONS

1. **FIELD INSPECTION OPERATION**  
   - **OPERATION**: Chief of Field Party  
   - **NAME**: CDR C. A. Burroughs  
   - **DATE**: Oct 1974

2. **FIELD EDIT OPERATION**  
   - **OPERATION**: Horizontal Control  
   - **RECOVERED BY**: FAIRWEATHER personnel  
   - **DATE**: Oct 1974

   - **OPERATION**: Vertical Control  
   - **RECOVERED BY**: FAIRWEATHER personnel  
   - **DATE**: Oct 1974

4. **LANDMARKS AND AIDS TO NAVIGATION**  
   - **RECOVERED (Triangulation Stations)**  
   - **LOCATED (Field Methods)**  
   - **IDENTIFIED BY**: None

5. **GEOGRAPHIC NAMES**  
   - **INVESTIGATION**: NO INVESTIGATION

6. **PHOTO INSPECTION**  
   - **CLARIFICATION OF DETAILS BY**: LTJG John Murphy  
   - **DATE**: Oct 1974

7. **BOUNDARIES AND LIMITS**  
   - **SURVEYED OR IDENTIFIED BY**: NA

### SOURCE DATA

1. **HORIZONTAL CONTROL IDENTIFIED**: None

2. **VERTICAL CONTROL IDENTIFIED**: None

3. **PHOTO NUMBERS**: (Clarification of details)  
   - 71L(C) 1493 & 1494

4. **LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED**: None

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)**  
   - Map TP-00411 (Field Edit copy); and Field Edit Report, OPR-411-FA-74, Map TP-00411
### I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>DATA COMPiled</th>
<th>DATE</th>
<th>REMARKS</th>
<th>MARINE CHARTS</th>
<th>HYDRO SUPPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compilation complete pending field edit</td>
<td>12/15/71</td>
<td>Class III manuscript superseded</td>
<td>None</td>
<td>1/5/72</td>
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<tr>
<td>Field Edit applied. Compilation complete</td>
<td>5/29/75</td>
<td>Class I</td>
<td></td>
<td>6/7/76</td>
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<tr>
<td>Final Review</td>
<td>July 1978</td>
<td>Final</td>
<td></td>
<td>Nov 1978</td>
</tr>
</tbody>
</table>

### II. LANDMARKS AND AIDS TO NAVIGATION

#### 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>CHART LETTER NUMBER</th>
<th>DATE FORWARDED</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

#### 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.

### IV. SURVEY EDITIONS

#### (This section shall be completed each time a new map edition is registered)

<table>
<thead>
<tr>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>REVISED, RESURVEY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MAP CLASS</td>
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<tr>
<td></td>
<td></td>
<td>II, III, IV, V, FINAL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>REVISED, RESURVEY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MAP CLASS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>II, III, IV, V, FINAL</td>
</tr>
</tbody>
</table>
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.
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
Chief, PMC Field Party
PHOTOGRAMMETRIC PLOT REPORT
Part 1
Dana Point to Point Vicente
California
Job FH-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:

<table>
<thead>
<tr>
<th>1:5,000 scale</th>
<th>1:10,000 scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP-00406</td>
<td>TP-00404</td>
</tr>
<tr>
<td>TP-00407</td>
<td>TP-00405</td>
</tr>
<tr>
<td>TP-00408</td>
<td>TP-00412</td>
</tr>
<tr>
<td>TP-00409</td>
<td>TP-00413</td>
</tr>
<tr>
<td>TP-00410</td>
<td>TP-00414</td>
</tr>
<tr>
<td>TP-00411</td>
<td>TP-00415</td>
</tr>
</tbody>
</table>

22. Method

Strip #1 (1:50,000 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 (1:50,000 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 Coradiomat to be plotted on the California Zone 6 coordinate system.

23. Adequacy of Control

Horizontal control was premarked and was adequate for bridging.
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:

[Signature]

Donald M. Brant

Approved by:

[Signature]

Henry E. Eichert, Chief
Aerotriangulation Section
JOB NO. 7167
DANA POINT TO POINT VICENTE
CALIFORNIA
SHORE LINE MAPPING
SCALE 1:50,000 / 1:5000
### Descriptive Report Control Record

<table>
<thead>
<tr>
<th>Station Name</th>
<th>Source of Information (Index)</th>
<th>AEROTRIANGULATION POINT NUMBER</th>
<th>Coordinates in Feet</th>
<th>Geographic Position</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>PELICAN HILL, 1884</td>
<td>331174</td>
<td>1094</td>
<td><strong>x</strong>=</td>
<td><strong>φ</strong>= 33 35 34.712</td>
<td>1069.4  779.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>y</strong>=</td>
<td><strong>λ</strong>= 117 50 18.996</td>
<td>489.8  1057.3</td>
</tr>
</tbody>
</table>

**Computed by:** A. C. Rauck, Jr.  
**Date:** 12/3/71  
**Computation checked by:** C. E. Blood  
**Date:** 12/15/71  
**Listed by:**  
**Date:**  
**Listing checked by:**  
**Date:**  
**Hand Plotting by:**  
**Date:**  

*Supercedes NOAA Form 76-41, 2-71 Edition Which Is Obsolete.*
31. **DELINEATION:**

   The Wild B-3 plotter was used. Photograph coverage was adequate. There was no field inspection prior to compilation.

32. **CONTROL:**


33. **SUPPLEMENTAL DATA:**

   None.

34. **CONTOURS AND DRAINAGE:**

   Contours are inapplicable. Drainage has been shown from office interpretation of the photographs.

35. **SHORELINE AND ALONGSHORE DETAILS:**

   The mean high water line mean lower low water line and foreshore area was delineated 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, item #5.

40. **HORIZONTAL AND VERTICAL ACCURACY:**
   No statement.

46. **COMPARISON WITH EXISTING MAPS:**
   Comparison has been made with USGS Quadrangle Laguna Beach, California, scale 1:24,000, dated 1965.

47. **COMPARISON WITH NAUTICAL CHARTS:**
   Comparison has been made with Chart No. 5108, Newport Bay, scale 1:10,000, dated February 27, 1971.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:**
None.

**ITEMS TO BE CARRIED FORWARD:**
None.

Submitted by:

**C.E. Blood**
C. E. Blood
Cartographic Tech.
Dec. 15, 1971

Approved:

**Albert C. Rauck, Jr.**
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC
June 16, 1978

GEOGRAPHIC NAMES
FINAL NAME SHEET

PH-7107, Dana Point to Point Vicente, California

TP-00411

Arch Rock
Buck Gully
Corona del Mar
Pacific Ocean

Approved by:

[Signature]
Charles E. Harrington, C3x8
Chief Geographer
# Photogrammetric Office Review

## 1. Projection and Grids
- RJP

## 2. Title
- RJP

## 3. Manuscript Numbers
- RJP

## 4. Manuscript Size
- RJP

## Control Stations

### 5. Horizontal Control Stations of Third-Order or Higher Accuracy
- RJP

### 6. Recoverable Horizontal Stations of Less Than Third-Order Accuracy (Topographic stations)
- NA

## 7. Photographic Stations
- NA

## 8. Bench Marks
- NA

## 9. Plotting of Sextant Fixes
- NA

## 10. Photogrammetric Plot Report
- W.O. BRIDGE

## 11. Detail Points
- RJP

## Alongshore Areas (Nautical Chart Data)

### 12. Shoreline
- RJP

### 13. Low-Water Line
- RJP

- RJP

### 15. Bridges
- RJP

### 16. Aids to Navigation
- RJP

### 17. Landmarks
- RJP

### 18. Other Alongshore Physical Features
- RJP

### 19. Other Alongshore Cultural Features
- RJP

## Physical Features

### 20. Water Features
- RJP

### 21. Natural Ground Cover
- NA

### 22. Planetary Contours
- NA

### 23. Stereoscopic Instrument Contours
- NA

### 24. Contours in General
- NA

### 25. Spot Elevations
- NA

### 26. Other Physical Features
- RJP

## Cultural Features

### 27. Roads
- RJP

### 28. Buildings
- RJP

### 29. Railroads
- RJP

### 30. Other Cultural Features
- RJP

## Boundaries

### 31. Boundary Lines
- NA

### 32. Public Land Lines
- NA

## Miscellaneous

### 33. Geographic Names
- RJP

### 34. Juncions
- RJP

### 35. Legibility of the Manuscript
- RJP

### 36. Discrepancy Overlay
- RJP

### 37. Descriptive Report
- NA

### 38. Field Inspection Photographs
- NA

### 39. Forms
- RJP

## Reviewer

- Albert C. Rauck Jr. (Signed) 12/20/71
- R. J. Felt

## Supervisor, Review Section or Unit

- Albert C. Rauck, Jr.

## Field Completion Additions and Corrections to the Manuscript

- 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. Perkinson 5/75

## Supervisor

- Albert C. Rauck, Jr.

## Reviewer

- A. L. Shands 6/75

## Remarks

- See Form 76-36C, item 8, of Field Edit Operations.
FIELD EDIT REPORT
DANA POINT TO HUNTINGTON BEACH, CALIFORNIA
OFR 411
FALL 1974

INTRODUCTION

Field edit reports are attached for the following maps:

TP-00406    TP-00407    TP-00408    TP-00409    TP-00410
TP-00411    TP-00412    TP-00413    TP-00414    TP-00415

Copies of the field edit ozalids were taken to the field. In some cases
only matte ratio prints were available for field use. These are usually
very grainy and hard to handle due to paper stiffness and curl. They
are far less valuable than the cronapagues or color cronapagues for field
use. It is recommended that two copies, one processed and one unproces-
sed, of color cronapague photographs be furnished to the ships for fu-
ture projects. Sextant fixes, where necessary, were plotted on the film
ozalids and transferred to the field edit ozalids. Height data for all
rocks and shoreline is either written directly on the field edit ozal-
ids, or referenced by fix number to the attached data sheets. Sextant
fixes were transferred to boatsheets FA-5-1-74 and FA-5-2-74.

Notes were made in violet on the ozalids, with deletions in green and,
signal information in orange. All times are based on GMT.

Compilation of the maps is generally very good. Due to the small tide
range (approx. 6 ft.), tide state for the aerial photography was rela-
tively unimportant. All discrepancies on the manuscripts are noted.
Throughout most of this area the shoreline is composed of regular, sandy
beach. There is a bi-annual cycle of sand movement in this area making
the establishment of the MHW the field editor's best judgement. During
the winter months the sand migrates to seaward causing the MHW to move
shoreward. During the spring and summer months sand is re-deposited to
cause the MHW to move seaward.

In some areas of manuscript discrepancy or where questions were asked
of the field editor, photographs were taken to clarify the point in
question. Feedback from personnel using these reports on the value of
this practice would be appreciated.

It is recommended that the maps be revised in accordance with the notes
on the ozalids and on the attached sheets before acceptance as advanced
manuscripts. Field inspection of these maps is complete.

Respectfully submitted:

[Signature]
LCDR J. A. Sowers, NOAA

Approved and forwarded:

[Signature]
CDR Charles A. Burchoughs, NOAA
Commanding Officer
NOAA Ship FAIRWEATHER (MSS-20)
FIELD EDIT REPORT

MAP TP-00411

CORONA DEL MAR, CALIFORNIA

OCTOBER 1974

Field edit of map TP-00411 was accomplished by Ltjg John Murphy during October 1974. Inspection was done from shore and in a skiff when surf conditions allowed.

METHOD

Field photographs and a copy of the field edit ozalid were examined in the field. Due to the excellent quality of the field photographs furnished, all positions are photogrammetric fixes. Positions are numbered on the ozalid and referenced to the photographs by these numbers. Position descriptions are also written on the backs of the photographs. The mean high water line was verified by visual comparison of the shore and the ozalid in the field. Annual sand movement in this area causes rocks and ledges to be exposed for part of the year and be partially covered with sand during the rest of the year. All times are based on GMT.

ADEQUACY OF COMPILATION

Compilation of this map is good. Field edit location of details compare well with photogrammetric location.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the ozalid and the field information and be accepted as an advance manuscript.

Respectfully submitted:

[Signature]

John Murphy
LTJG, NOAA
REVIEW REPORT
TP-00411
SHORELINE
July 19, 1978

61. GENERAL STATEMENT:

See Summary, page 6 of this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with a copy of Final Verified Smoothed Sheet H-9469 (FA-10-3-74). It is apparent that rock heights were obtained from different source data. Differences of as much as 4 ft. exist. The differences are not uniform. Where differences exist rock heights were deleted from the map.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 18754, 1:10,000 scale, 12th edition, dated April 19, 1975. There are no significant differences.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by:

A. L. Shands
Final Reviewer
Approved for forwarding:

Billy M. Barnes

Chief, Photogrammetric Branch, AMC

Approved:

John D. Perreault Jr.
Chief, Photogrammetric Branch

Chief, Coastal Mapping Division
## 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 Report.

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