

T - 13312

T - 13312

| | |
|---|------------------|
| NOAA FORM 76-35 (3-76) | |
| U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY | |
| DESCRIPTIVE REPORT | |
| Map No. T-13312 | Edition No. 1 |
| Job No. PH-6402 | |
| Map Classification FINAL FIELD EDITED MAP | |
| Type of Survey SHORELINE | |
| LOCALITY | |
| State HAWAII | |
| General Locality HAWAII ISLAND, WEST COAST KAILUA TO SOUTH CAPE | |
| Locality OKOE BAY | |
| 1963 TO 1973 | |
| REGISTRY IN ARCHIVES | |
| DATE | |

DESCRIPTIVE REPORT - DATA RECORD

| | | |
|--|--|--------------------------|
| TYPE OF SURVEY | | SURVEY <u>XX-T-13312</u> |
| <input checked="" type="checkbox"/> ORIGINAL | | MAP EDITION NO. (1) |
| <input type="checkbox"/> RESURVEY | | MAP CLASS FINAL |
| <input type="checkbox"/> REVISED | | JOB PH-6402 |

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Div.
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

R. Matsushige

LAST PRECEDING MAP EDITION

| | | |
|-----------------------------------|--|---------------|
| 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 |
|---------------------------|--------------------------------------|
| Compilation Oct. 28, 1969 | Control/Field Inspection May 8, 1964 |
| Amendment 1 Jan. 3, 1973 | |
| Memo Sept. 1, 1978 | |

II. DATUMS

| | |
|---|---------------------------------|
| 1. HORIZONTAL: <input type="checkbox"/> 1927 NORTH AMERICAN | OTHER (Specify) Old Hawaiian |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | OTHER (Specify) |
| 3. MAP PROJECTION | 4. GRID(S) |
| Polyconic | STATE Hawaii ZONE 1 |
| 5. SCALE 1:5,000 | STATE ZONE |

III. HISTORY OF OFFICE OPERATIONS

| OPERATIONS | NAME | DATE |
|---|--|--|
| 1. AEROTRIANGULATION METHOD: Stereoplanigraph LANDMARKS AND AIDS BY | J. Perrow | June 1969 |
| 2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY | J. Perrow J. Perrow | June 1969 June 1969 |
| 3. STEREOGRAPHIC INSTRUMENT COMPILATION INSTRUMENT: Graphic Methods SCALE: 1:5,000 | PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY | R. White A. Shands N.A. N.A. |
| 4. MANUSCRIPT DELINEATION METHOD: Smooth drafted | PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY | R. White L. Neterer N.A. N.A. |

T-13312
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| CAMERA(S) | TIDE STAGE REFERENCE | TYPES OF PHOTOGRAPHY LEGEND | | TIME REFERENCE |
|--|----------------------|--------------------------------|------------------|--|
| | | (C) COLOR | (P) PANCHROMATIC | |
| | | (I) INFRARED | | |
| Wild RC-8 "S", S=152.29MM | | | | |
| <input checked="" type="checkbox"/> PREDICTED TIDES | | | | ZONE Hawaii |
| <input type="checkbox"/> REFERENCE STATION RECORDS | | | | <input checked="" type="checkbox"/> STANDARD |
| <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | MERIDIAN 150th |
| | | | | <input type="checkbox"/> DAYLIGHT |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE |
| 63S(P) 7833 - 7835* | Aug. 29, 1963 | 09:06 | 1:30,000 | 1.1 Ft. above MLLW |
| 63S(C) 7871 - 7873** | Aug. 29, 1963 | 09:51 | 1:15,000 | 1.6 Ft. above MLLW |
| | | | | Mean Tide Range = 1.4 Ft |

REMARKS

*Bridging/compilation photographs, **Compilation/hydro support photographs

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from office interpretation of the compilation photographs using graphic methods.

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

No mean lower low water line was compiled.

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 |
|---------------|---------|------------------|---------------|---------|------------------|
| H-9361A | 1973 | | | | |
| H-9807 | 1979 | Registered | | | |

5. FINAL JUNCTIONS

| NORTH | EAST | SOUTH | WEST |
|----------|----------|----------|------|
| T-12552* | T-12552* | T-12552* | None |

REMARKS

This inset map is contained within the western region of T-12552, 1:10,000 scale.

T-13312

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|--|---|--------------------|
| 1. CHIEF OF FIELD PARTY | R. Newsom | Feb.-Sept. 1964 |
| 2. HORIZONTAL CONTROL | E. Cline | July 1964 |
| RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY | E. Cline | July 1964 |
| 3. VERTICAL CONTROL | E. Cline | July 1964 |
| RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY | None | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | None | |
| RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY | None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY | E. Cline |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY | N.A. |

II. SOURCE DATA

| | |
|----------------------------------|--|
| 1. HORIZONTAL CONTROL IDENTIFIED | 2. VERTICAL CONTROL IDENTIFIED |
| | None |
| PHOTO NUMBER | STATION NAME |
| 63(S)7835* | OHEPUUPUU, 1890 (Direct & Sub. Pt.) |

*Partial ratio print

3. PHOTO NUMBERS (Clarification of details)

63(S)7833-7835 (1:30,000 scale matte contacts)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
| | | | |

5. GEOGRAPHIC NAMES: 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 (CSI)
Project Field Report

T-13312

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|---|----------------------|
| 1. CHIEF OF FIELD PARTY | (NOAA Ship FAIRWEATHER) C. Burroughs | Mar./Apr. 1973 |
| 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 | <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 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)

- 1 Field edit paper print
- 1 Field edit report

T-13312
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPIRATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|---|-----------|-------------------------------|----------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation complete pending field edit | June 1972 | Class II manuscript | None | July 1972 |
| Field edit applied | June 1974 | Unreviewed Class I manuscript | None | June 1974 |
| Compilation office review | Dec. 1979 | Class I manuscript | Dec. 1979 | Dec. 1979 |
| Final review | Apr. 1987 | Final map | (BP 132953-7) July 1987 | July 1987 |

II. LANDMARKS AND AIDS TO NAVIGATION None

I. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|------------------------------|----------------|---------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

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)

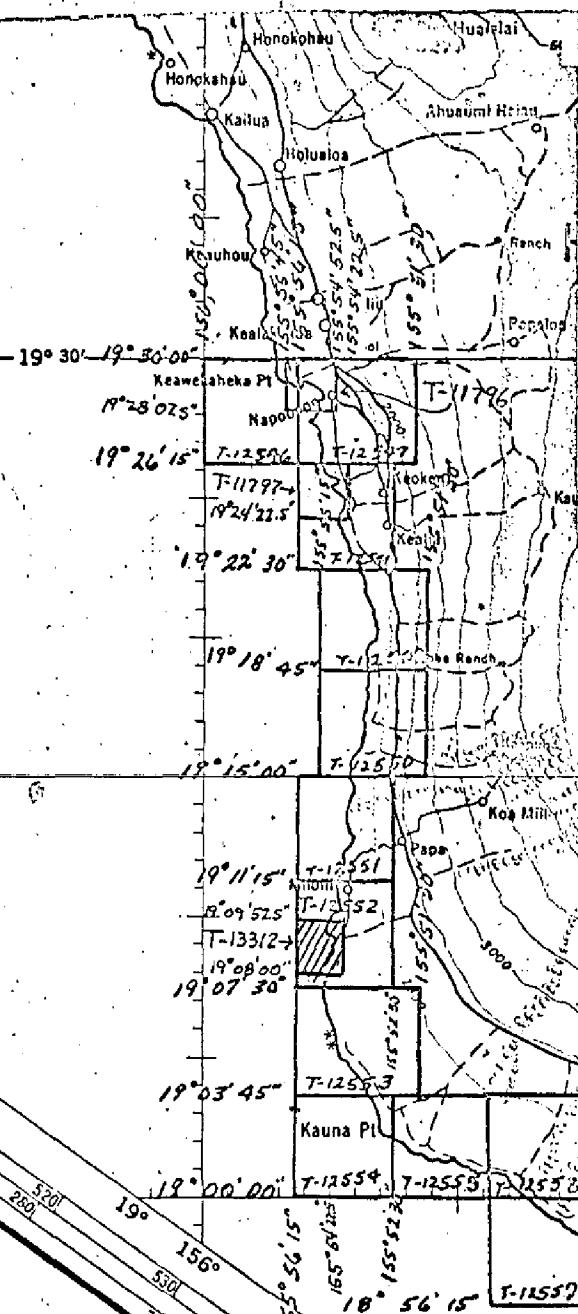
| SECOND EDITION | SURVEY NUMBER TP - _____ (2) | JOB NUMBER PH - _____ | TYPE OF SURVEY | |
|----------------|---------------------------------|--------------------------|----------------------------------|------------------------------------|
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | <input type="checkbox"/> REVISED | <input type="checkbox"/> RESURVEY |
| THIRD EDITION | SURVEY NUMBER TP - _____ (3) | JOB NUMBER PH - _____ | <input type="checkbox"/> II. | <input type="checkbox"/> RESURVEY |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | <input type="checkbox"/> III. | <input type="checkbox"/> MAP CLASS |
| FOURTH EDITION | SURVEY NUMBER TP - _____ (4) | JOB NUMBER PH - _____ | <input type="checkbox"/> IV. | <input type="checkbox"/> V. |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | <input type="checkbox"/> II. | <input type="checkbox"/> FINAL |

JOB PH-6402

SHORELINE MAPPING

HAWAII IS. WEST COAST
KAILUA TO SOUTH CAPE

SCALE 1:10,000

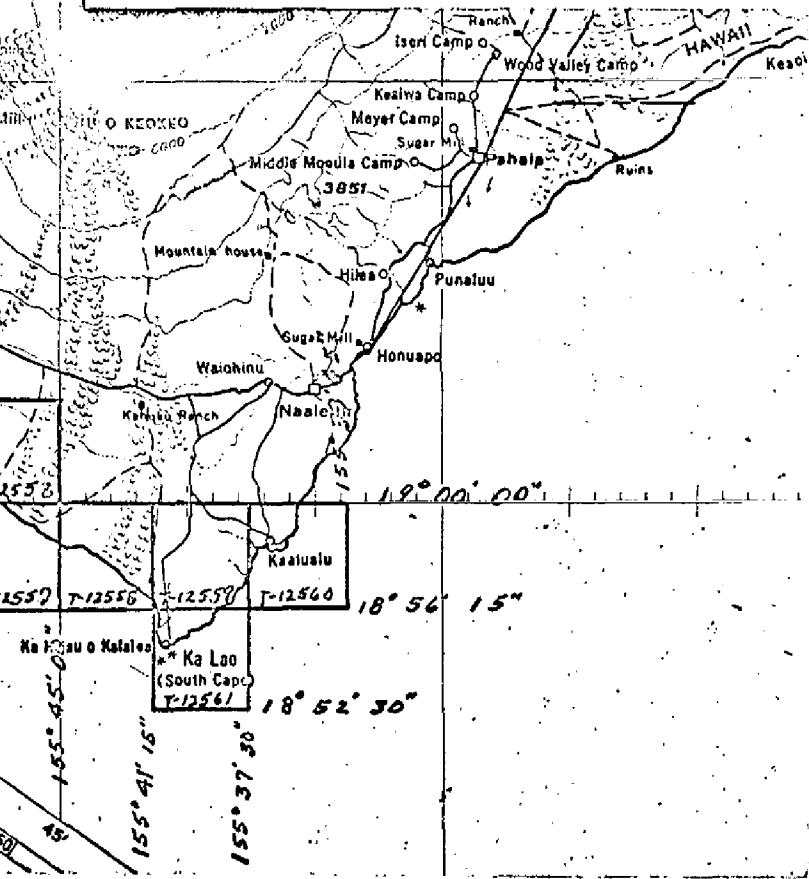


JOB PH-6402

OFFICIAL MILEAGE FOR COST ACCOUNTS

| Sheet No. | Area Sq. Miles |
|--------------|-------------------|
| T-12546 | 1 |
| T-12547 | 3 |
| T-12548 | 3 |
| T-12549 | 3 |
| T-12550 | 3 |
| T-12551 | 3 |
| T-12552 | 3 |
| T-12553 | 3 |
| T-12554 | 1 |
| T-12555 | 3 |
| T-12556 | 1 |
| T-12557 | 2 |
| T-12558 | 3 |
| T-12559 | 2 |
| T-12560 | 3 |
| T-12561 | 3 |
| T-11796 | 2 |
| T-11797 | 2 |
| T-13312 | 2 |

Total 46



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SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

T-13312

This 1:5,000 scale Final Field Edited Map is one of nineteen maps that comprise PH-6402, Hawaii Island, West Coast, Kailua to South Cape. The project consists of sixteen 1:10,000 scale maps (T-12546 thru T-12561) and three 1:5,000 scale inset maps (T-11796, T-11797, T-13312).

The purpose of this map was to furnish data in support of hydrographic operations and to provide current shoreline data for marine charts.

This map provides a large scale portrayal of Okoe Bay and vicinity. This inset map is contained within the western region of 1:10,000 scale map T-12552.

Photo coverage for the project was adequately provided in August/September 1963 using the Wild RC-8 "S" camera. Photography consisted of 1:30,000 scale panchromatic photographs used for field inspection, aerotriangulation, and compilation. Color photographs at 1:15,000 scale were obtained for compilation and hydro support. Additional color photographs at 1:15,000 scale were obtained in March 1969 with the Wild RC-8 "E" camera. These supplemental photographs were used to compile inset maps T-11796 and T-11797. The stage of tide for all project photographs was based upon predicted tide data. No infrared photographs were provided.

Field work prior to aerotriangulation consisted of the recovery and establishment of horizontal control by photoidentification methods. In addition, a field inspection was performed for the project area utilizing the 1:30,000 scale contact photographs. This activity was conducted in February thru September 1964 in conjunction with adjoining project PH-6401.

Analytic aerotriangulation was adequately provided by the Washington Science Center in June 1969. Tie points from photo strip #4 contained in adjoining project PH-6401 were included in this bridge. Aerotriangulation activity included ruling the base manuscripts and also provided ratio prints for compilation and hydrographic/field edit operations.

Compilation for this inset map was performed at the Coastal Mapping Section, Atlantic Marine Center in June 1972. Copies of the initial compilation and hydrographic support data were forwarded to the hydrographer for field edit.

Field edit was conducted in conjunction with hydrographic survey H-9361A by NOAA ship FAIRWEATHER personnel in April 1973.

T-13312

Application of field edit was completed at the original compilation office in December 1979. Map copies were submitted to the hydrographer for smooth sheet application.

Final review was performed at the Atlantic Marine Center in April 1987. A comparison was made with the common hydrographic survey and nautical chart. The original base manuscript and related data along with a final Chart Maintenance Print and a Hydrographic Print were forwarded to the Washington Science Center for registration and distribution.

FIELD INSPECTION

T-13312

Field activity prior to compilation included a field inspection of the shoreline and the recovery / photoidentification of horizontal control necessary for project aerotriangulation. Results of the 1964 field inspection were submitted on the 1:30,000 scale contact photographs.

UNITED STATES GOVERNMENT

7A
C E Z 8/27/64
U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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631W

Memorandum

TO : Chief, Photogrammetric Field Operations DATE: August 5, 1964
THRU : Honolulu Field Officer

FROM : Lt(jg) Edward P. Cline

SUBJECT: Control Identification Project No. 21413

No problems were found in the control identification on Project 21413. The following is a list of the stations identified on the various Flight Lines:

FLIGHT STRIP NO. 5

WAIKAKUU, 4, 1951
KAPUKAWAA, 1884
OHEPUUPUU, 1890

FLIGHT STRIP NO. 6

KAMOI, 1948
NA PUU a PELE, 1891
PUU KI, 1914
TANK, 1948

Supplimental Station Pricked:
KAUNA POINT LIGHT, 1948

FLIGHT STRIP NO. 7

KALAE 2, 1948
PALAHENO 1898
KAMILO, 1898
KIPAEPAE, 1898

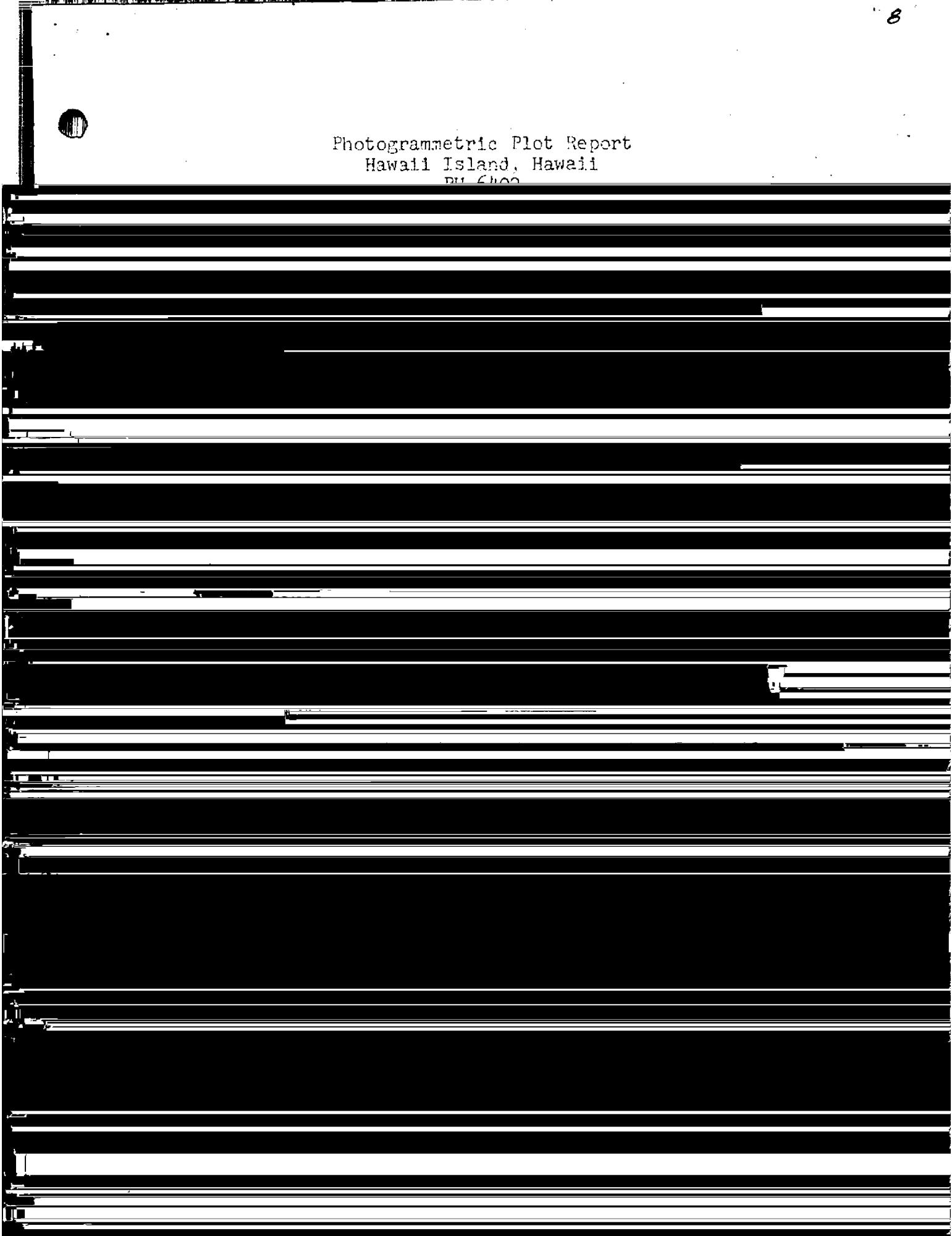
Supplimental Stations Pricked:
KALAE LIGHT, 1948
KALAE, 1887
MAHANA, 1898

The ratio prints provided by the Washington Office were of great assistance in the identification of the stations and they were very well placed.

Edward P. Cline
Edward P. Cline

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Photogrammetric Plot Report
Hawaii Island, Hawaii
Mr. Choo



2. KAMILO, 1949 and SS #1 3. KEPAEPAE, 1948
and SS #1. Problems with these two stations could
not be resolved. Re-identification of the stations
is planned at the same time that work continues
to the east.

4. McCANDLESS, 1948 SS #1 and SS #2 although held
in the bridging could be seen on, only one photograph
in Strip #10 due to cloud coverage.

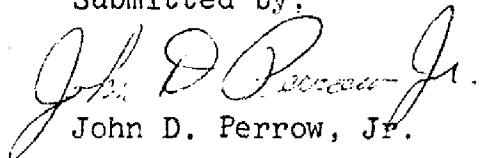
24. Supplemental Data

Ratio prints will be provided to aid in compilation.
Local USGS quads were used to provide vertical points
needed for the strip adjustment program.

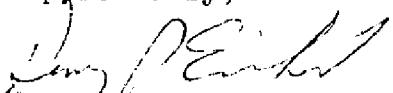
25. Photography

Photography was not adequate to provide coverage of
the 1:5,000 scale sheets. This inadequate coverage was
caused by a change in the limits of the 1:5,000 areas
after bridging was nearing completion. Photography was
adequate in regard to definition and overlap.

Submitted by,


John D. Perrow, Jr.

Approved by,


Henry P. Eichert
Chief, Aerotriangulation Section

Notes to Compiler
PH-6402
Hawaii Island, Hawaii

The following points should be used in setting individual models along Strips #12 and #13.

(1) 63-S-7964-7965

Points 68803, 68804, 67100, 67101, 64100, 64101, 64102 and 64103.

(2) 63-S-8080-8081

Points 22330, 23310, 23800, 23801

(3) 63-S-8081-8082

Points 77331, 78333, 22801, 23800, McCANDLESS SS #1 and SS #2

(4) 63-S-8082-8083

Points 76331, 77331, 77333

(5) 63-S-8083-8084

Points 75331 HONAUNAU ST. BENEDICT CATH. CH. SPIRE, 1948 plus points dropped from model 8082-8083.

(6) 63-S-8084-8085

Points 75331, 75333 plus points dropped from model 8083-8084.

Plates 63-S-7821 and 7824 were not used in bridging Strip #10.

Plates 63-S-7976, 7978, 7880, 7982 and 7984 were not used in Strip #11.

JOB PH-6402
SHORELINE MAPPING
HAWAII IS. WEST COAST
AIIUUA TO SOUTH CAPE
SCALE 1:10,000

JOB PH-6402

A historical map of the Waimea River area in Hawaii. The map shows the river flowing from the interior towards the sea. Key locations marked include: Ranch, Iseri Camp, Kea'ala Camp, Wood Valley Camp, HAWAII, Koa, Kauai, Moyer Camp, Sugar Mill, Middle Maehia Camp, and Pahala. Roads and paths are indicated by lines, and the river is shown as a winding line with arrows indicating flow direction.

DESCRIPTIVE PREDICTION CONTINUATION

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

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

COMPIILATION REPORT

T-13312

31. DELINEATION:

Delineation was accomplished by graphic methods using ratio prints of the 1:15,000 scale photographs. Control for the ratio prints was established by setting the stereo models of the 1:30,000 scale bridging/compilation photographs and using the common 1:10,000 scale map, T-12552 for a base sheet. Common shoreline pass points were located and scaled from T-12552 and these points were transferred to this 1:5,000 scale sheet for graphic compilation.

Field inspection data, annotated on the 1963 1:30,000 bridging photographs, was applied where the features could be accurately identified on the compilation photographs. Individual rocks that could not be clearly identified were not compiled.

Photo quality and coverage were adequate.

32. CONTROL:

Refer to the Photogrammetric Plot Report, dated June 10, 1969 and Item #31.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. Drainage was delineated from the compilation photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline, coral and foul limits were delineated from office interpretation of the photographs and from the annotated photographs resulting from the precompilation field inspection. Because of the small tide range, no mean lower low water line was compiled.

36. OFFSHORE DETAILS:

Compilation of offshore detail was performed as described in Item #31.

37. LANDMARKS AND AIDS:

There were no charted landmarks or fixed aids within the limits of this manuscript.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Refer to the Data Record Form 76-36B, Item 5.

40. HORIZONTAL AND VERTICAL ACCURACY:

Refer to the Photogrammetric Plot Report dated June 10, 1969.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with USGS quadrangle Milolii, Hawaii, scale 1:24,000, dated 1962.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with C. & G.S. Chart 4115, scale 1:250,000, 8th edition, dated September 9, 1963, revised January 1, 1967.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

for George J. Hancock
R. White
Cartographic Technician
June 1972

Approved:

for George J. Hancock
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

T-13312

Field edit was performed in April 1973 by NOAA ship FAIRWEATHER personnel. Adequate field data was furnished to advance the manuscript to Class I.

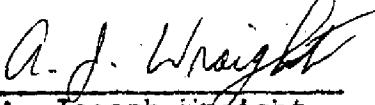
15

16

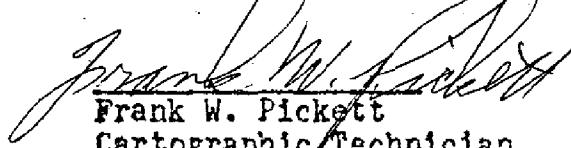
GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6402 Hawaii
T-13312

Hanamalo Point
Island of Hawaii
Kakio Point
Kapua Bay
Kaupo Bay
Lae o Ahole
Lae o Humuhumu
Mokunaia Point
Oea Bay
Okoe
Okoe Bay
Pacific Ocean
Puu Hinahina Bay

Approved by:


A. Joseph Wright
Chief Geographer

Prepared by:


Frank W. Pickett
Cartographic Technician

FIELD EDIT REPORTS

KONA COAST, ISLAND OF HAWAII

OPR-419 FA-73

MARCH - APRIL 1973

MAPS

T-11797
T-12547
T-12550
T-12551
T-12552
T-13312

FIELD EDIT REPORT

KONA COAST, ISLAND OF HAWAII
OPR-419
MARCH-APRIL 1973

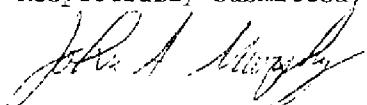
INTRODUCTION

Field edit reports are attached for the following maps: T-11797, T-12547, T-12550, T-12551, T-12552, T-13312.

Field photographs and copies of the field edit ozalids were taken into the field. Due to the small tidal range in the area, shoreline verification was done by visual inspection at various tide stages. Sextant fixes were plotted on the appropriate boat sheet. Height data for rocks, ledges, and reefs is either written directly on the ozalid, or entered in the field edit notebook along with position data, and referenced on the ozalid. Because of the rough surf conditions existing in the working grounds, sextant fixes could not be taken on some near shore rocks and ledges. In these cases positions are based on visual verification by the field editor. Due to the uncommon clarity of the off shore water, numerous submerged rocks and foul areas drawn on the ozalid were found to be at such depths so as not to constitute hazards. These have been noted, and new limits and locations appear on the ozalids. All times are based on the 135°w meridian. Compilation of these maps is in general good, and field inspection is complete.

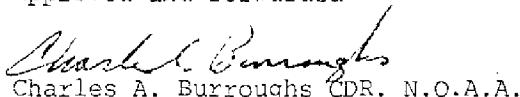
It is recommended that the maps be revised in accordance with the notes on the ozalids, and in the field edit notebook before acceptance as advanced manuscripts.

Respectfully submitted,



John A. Murphy Ens. N.O.A.A.

Approved and forwarded


Charles A. Burroughs CDR. N.O.A.A.

FIELD EDIT REPORT

MAP T-13312
OKOE BAY, ISLAND OF HAWAII
APRIL 1973

Field edit of map T-13312 was done by Ens. John A. Murphy during April 1973. Inspection was done on foot and in a small skiff when surf conditions permitted.

METHOD

Field photographs and a copy of field edit ozalid were examined in the field. Shoreline verification was done by visual comparison of the beach area and the map in the field. Isolated rocks and ledges were located by sextant fixes, when surf conditions permitted, and plotted on boatsheet FA 5-2-73. Otherwise visual verification was used.

An Apelco Fisherman's portable fathometer (serial no. 34043) was used to determine depth. Heights or depths of rocks, reefs, and ledges are noted in the field edit notebook or directly on the ozalid. All times are based on 135 W meridian.

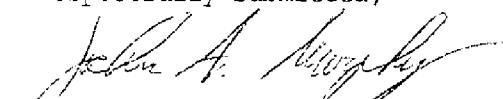
ADEQUACY OF COMPILATION

Compilation of this map is fair. Due to the enlarged scale of the map, many shoreline discrepancies were found. However, surf conditions prevented accurate positioning of some of these changes. All discrepancies are noted on the ozalid. Field edit of this map is complete.

RECOMMENDATIONS

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

Respectfully submitted,


John A. Murphy, Ens. NOAA

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REVIEW REPORT
SHORELINE
T-13312

61. GENERAL STATEMENT:

Final review for this Final Field Edited Map was accomplished at the Atlantic Marine Center in April 1987. For a schedule of the office and field operations, refer to the Summary included with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS quadrangle Milolii, Hawaii, scale 1:24,000, dated 1962.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

This map is common to portions of hydrographic surveys H-9357 (1973), H-9361A (1973) and H-9807 (1979). A comparison was made with a registered copy of H-9361A, FA-5-2-73, 1:5,000 scale, surveyed 1973 and with H-9807, FA-10-1-79, 1:10,000 scale, surveyed 1979. No significant discrepancies were noted. A comparison was not made with survey H-9357.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with NOS Chart 19320, 13th edition, scale 1:250,000, July 10, 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:

Jay O. Roborn

Chief, Photogrammetric Production Sec.

A.Y. Bryan

Chief, Photogrammetry Branch

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-13312 (PH-6402)

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 Revi