# 11906

Diag. Cht. No. 4116.

#### Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

Type of Survey SHORELINE (PHOTOGRAMMETRIC)

Field No. Ph-6012 Office No. T-11906

#### LOCALITY

State Hawaii

General locality Maui Island

Locality ... Oopuola Point - Honopou Point

19.60-1963

CHIEF OF PARTY

H. J. Seaborg, Honolulu District Office W. E. Randall, Baltimore District Office

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087



#### DESCRIPTIVE REPORT - DATA RECORD T-11906

| <b>,</b>                                |                                                                         | 1-11/00   |                           |                                                              |    |
|-----------------------------------------|-------------------------------------------------------------------------|-----------|---------------------------|--------------------------------------------------------------|----|
| PROJECT NO. (II): PH 6012<br>(21034)    |                                                                         |           |                           |                                                              |    |
| FIELD OFFICE (II):                      |                                                                         |           | CHIEF OF PARTY            | · · · · · · · · · · · · · · · · · · ·                        |    |
| Honolulu, Hawaii                        |                                                                         |           | H. J. Sea                 | borg                                                         |    |
| PHOTOGRAMMETRIC OFFICE (III):           |                                                                         |           | OF FICER-IN-CHA           | RGE                                                          |    |
| Baltimore, Maryland                     |                                                                         |           | W. E. Ran                 | dall                                                         |    |
| INSTRUCTIONS DATED (II) (III):          |                                                                         |           |                           |                                                              |    |
|                                         | 14 November 1960<br>28 November 1960<br>13 June 1961<br>16 January 1962 |           |                           |                                                              |    |
|                                         |                                                                         | 2         |                           |                                                              |    |
| METHOD OF COMPILATION (III):            |                                                                         |           |                           |                                                              |    |
| Kelsh Plotter                           |                                                                         |           |                           |                                                              |    |
| MANUSCRIPT SCALE (III):                 | <u> </u>                                                                | STEREOSCO | PIC PLOTTING IN           | STRUMENT SCALE (III):                                        |    |
| 1:10,000                                |                                                                         | 1:5.00    | 6,000 pantograph 1:10,000 |                                                              |    |
| DATE RECEIVED IN WASHINGTON O           | FFICE (IV):                                                             | <u> </u>  |                           | AL CHART BRANCH (IV):                                        | ٠. |
| APPLIED TO CHART NO.                    |                                                                         | DATE:     |                           | DATE REGISTERED (IV):                                        |    |
| GEOGRAPHIC DATUM (III):                 |                                                                         | <u> </u>  | VERTICAL DATU             | M (III): 3000- 11 H()                                        |    |
|                                         |                                                                         |           | -MEAN SEA LEVE            | - Execution For Lower                                        |    |
| Old Hawaiian                            |                                                                         |           |                           | as (25) refer to mean high wat                               |    |
|                                         |                                                                         |           |                           | as (5) refer to sounding datum<br>er or mean lower low water | 1  |
| REFERENCE STATION (III):                |                                                                         | <u> </u>  | <u> </u>                  |                                                              |    |
| HUELO 2 (HTS), 1950                     |                                                                         |           |                           |                                                              |    |
| LAT.:                                   | LONG.:                                                                  | /         | ADJUSTED                  |                                                              |    |
| 20° 54° 53.095"                         | 156° 13° 18.810                                                         | ) II      | UNADJUSTED                |                                                              |    |
| PLANE COORDINATES (IV):                 |                                                                         |           | STATE                     | ZONE                                                         |    |
| • ••• ••• • • • • • • • • • • • • • • • | x = 651,801.44 F/.                                                      |           | Hawaii                    | 2                                                            |    |

#### DESCRIPTIVE REPORT - DATA RECORD

| FIELD INSPECTION BY (II):                                                    |                                                                  | DATE:                         |
|------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------|
| J. C. Lajoye                                                                 |                                                                  | Feb. 1962                     |
| MEAN HIGH WATER LOCATION (III) (STATE                                        | DATE AND METHOD OF LOCATION):                                    |                               |
| The Mean high water line and 1961 panchromatic phonotes and color photograph | was located by Kelsh Plotter utography supplemented by field hy. | sing the 1960<br>I inspection |
| PROJECTION AND GRIDS RULED BY (IV):                                          |                                                                  | DATE                          |
| R.A.C.                                                                       |                                                                  | 11-23-60                      |
| PROJECTION AND GRIDS CHECKED BY (IV)                                         | ) :                                                              | DATE                          |
| J.D.C.                                                                       |                                                                  | 12-6-60                       |
| CONTROL PLOTTED BY (III):                                                    |                                                                  | DATE                          |
|                                                                              |                                                                  |                               |
| H.R.R.                                                                       |                                                                  | - 3-28-62                     |
| CONTROL CHECKED BY (III):                                                    |                                                                  | DATE                          |
|                                                                              |                                                                  |                               |
| L. O. Neterer                                                                |                                                                  | 3-28-62                       |
| RADIAL PLOT OR STEREOSCOPIC CONTRO                                           | L EXTENSION BY (III):                                            | DATE                          |
| Aerotriangulation - Washin                                                   | ngton Office                                                     | _ 1961                        |
| STEREOSCOPIC INSTRUMENT COMPILATION                                          | N (III): PLANIMETRY                                              | DATE                          |
|                                                                              | D. M. Brant                                                      | 4-62                          |
|                                                                              | CONTOURS                                                         | DATE                          |
| D. M. Brant                                                                  | Inapplicable                                                     |                               |
| MANUSCRIPT DELINEATED BY (III):                                              |                                                                  | DATE                          |
| D. M. Brant                                                                  |                                                                  | 4-62                          |
| SCRIBING BY (III):                                                           |                                                                  | DATE                          |
| PHOTOGRAMMETRIC OFFICE REVIEW BY (                                           | II):                                                             | DATE                          |
| J. D. Mc Evoy                                                                |                                                                  | 4-62                          |
| REMARKS: Field Edit - 15                                                     | 963 USC & GSS PAT                                                | TH FINDER                     |
| FIELD EX                                                                     | DIT SHEET SUBMITTES                                              |                               |

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

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#### **DESCRIPTIVE REPORT - DATA RECORD**

MERA (KIND OR SOURCE) (III):

"W" Camera

BORDINATE STATION:

SUBORDINATE STATION:

|                           | PH             | OTOGRAPHS (III) |          |                    |               |                           |
|---------------------------|----------------|-----------------|----------|--------------------|---------------|---------------------------|
| NUMBER                    | DATE           | TIME            | SCALE    | ST                 | AGE OF TI     | DE                        |
| 60 W 2507 thru 2510       | 9 Oct. 1960    | 0954            | 1:25,000 | 1.4 F              | . above       | MLLW                      |
| 61 W 832 thru 837         | 24 Sept.1961   | 0903            | 1:15,000 | 0.2 Ft             | above         | MLLW                      |
| SI W.1208 & 1210          | 26 Sept.1961   | 0910            | 1:15,000 | 0.5 F              | t. above      | MLLW                      |
| 60 W(C) 3109 thru<br>3117 | 19 Oct. 1960   | 0753            | 1:10,000 | 0.3 F              | t. above      | MLLW                      |
| Tides computed from       | Predicted Tide | Tables.         |          |                    |               |                           |
|                           |                | TIDE (III)      |          |                    |               | Di prasi                  |
|                           |                | TIDE (III)      |          | <u> </u>           |               | Di <b>r</b> rna)          |
|                           |                | TIDE (III)      |          | RATIO OF<br>RANGES | MEAN<br>RANGE | Dimma.<br>SPRING<br>RANGE |

DATE: May 1966

WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet. Norfolk Regional Office

Hana, Hawaii

| NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):         | RECOVERED: | IDENTIFIED: |  |
|-------------------------------------------------------------|------------|-------------|--|
| 1                                                           | 3          | 1           |  |
| NUMBER OF BM(S) SEARCHED FOR (II):                          | RECOVERED: | IDENTIFIED  |  |
|                                                             | e 0        |             |  |
| NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):     | 0          |             |  |
|                                                             |            |             |  |
| NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): | 7          |             |  |
| REMARKS:                                                    |            |             |  |

COMPILATION RECORD

COMPLETION DATE

REMARKS

| Shoreline furnished for hydro | April 1962 | Superseded |
|-------------------------------|------------|------------|
| Final Compilation Completed   | May 1964   |            |
|                               |            |            |
|                               |            |            |
|                               |            |            |

# SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-11906

Shoreline survey T-1190% covers a part of the coast of Maui Island in the vicinity of Huelo Point. The map was compiled at 1:10,000 scale by Kelsh Instrument methods. The primary purpose of the survey was to furnish new shoreline for nautical charts and provide photo-hydro support data for hydrographic surveys in the same area.

Field operations preceding compilation included recovery and identification of horizontal control, field inspection, and pre-selection of photo-hydro stations.

Kelsh instrument compilation was accomplished using the 1:25,000 scale panchromatic photography of October 2nd 1960 and the supplemental control established by aerotriangulation. Cronaflex copies of the map manuscript along with specially prepared ratio photographs were provided for preparation of the boat sheet, field edit and photo-hydro support purposes.

The manuscript is a vinylite sheet from which the smooth sheet was drafted and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

# FIELD INSPECTION REPORT T-11906

Please refer to the Field Inspection Report bound with the Descriptive Report for T-11896.

FORM **164** (4-23-54)

U.S. DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY

| STATION                           | SQURCE OF<br>INFORMATION<br>(INDEX) | DATUM    | LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE | OM GRIÐ IN FEET.<br>N LINE IN METERS | DATUM | 27 - DATUM<br>TANCE<br>PROJECTION LINE | FACTOR DISTA<br>FROM GRID OR PROJE<br>IN METERS |
|-----------------------------------|-------------------------------------|----------|----------------------------------------------------|--------------------------------------|-------|----------------------------------------|-------------------------------------------------|
|                                   |                                     |          |                                                    | FORWARD (BACK)                       |       | FORWARD (BACK)                         | FORWARD (BACK)                                  |
|                                   | P.C                                 | 01d      | 211,379.15                                         |                                      |       |                                        |                                                 |
| HUELO 2 (HTS),1950                |                                     | Hawaiian | , 651,801.14h                                      |                                      |       |                                        |                                                 |
|                                   |                                     |          |                                                    | -                                    |       |                                        |                                                 |
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| 1 FT. = .3048006 METER . T. C. P. | 0                                   |          |                                                    |                                      |       |                                        | C# C#L 0: 14:00                                 |

# PHOTOGRAMMETRIC PLOT REPORT ISLAND OF MAUI (EAST HALF) HAWAII

Project PH-6212 February 1962

#### 21. AREA COVERED

T-11905 through T-11911; T-11929 through T-11939; T-11989 through T-11992

#### 22. METHOD

Six stereoplanigraph bridges, designated as strips #8 through #13, were run in order to provide pass points for use in Kelsh compilation of the project. Additional points along the shoreline were provided, for possible use in conjunction with hydrographic surveys in the area.

This project covers the entire eastern half of the island

PUHILELE-SUB A is entirely one of interpretation. In strip #8, two different possible positions for the point were read, one of which held in bridging, and the other failed to hold. In strip #9, the single position read for the point failed to hold. The number and geographical location of other control in this area is such that this station may be disregarded.

No specific cause has been found for the failure of MAKAALAE-SUB B to hold. Its companion sub. pt. held, and therefore, SUB B may be disregarded.

The sub. pts. of PUUHINAI 2 had a questionable starting azimuth due to the lack of agreement among several solar azimuth observations. The sub. points did not hold in the adjustment.

## 24. SUPPLEMENTAL DATA

None

#### 25. PHOTOGRAPHY

The photography used in bridging was adequate in all respects.

Submitted by

Robert E. Fuechsel

Approved

Everett H. Ramey, Chief Aerotriangulation Section

#### COMPILATION REPORT T-11906

For additional data pertaining to this survey please refer to the Field Inspection Report for Maui Island bound with T-11896.

#### ITEMS 31 THRU 36

Please refer to the Compilation Report bound with T-11896.

#### 37. LANDMARKS AND AIDS

There are no landmarks, aids to navigation or aeronautical aids within the compilation limits of this manuscript.

#### 38. CONTROL FOR FUTURE SURVEYS

No control for future surveys was established during compilation.

#### 39. JUNCTIONS

Satisfactory junctions were made with T-11905 on the west and with T-11907 on the east. There is no contemporary survey on the south; the Pacific Ocean is on the north.

#### 46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. HAIKU and KEANAE quadrangles, 1:24,000 scales, 1957 editions.

#### 47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with nautical chart 4116, 1:250,000 scale, 12th edition, August 17, 1964.

# ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

#### ITEMS TO BE CARRIED FORWARD

None

Respectfully submitted:

For Donald M. Brant Carto (Photo)

Approved:

J. Bull, CAPT., USESSA
Director, Atlantic Marine Center

#### GEOGRAPHIC NAMES Ph 6012

# T-11906

Aluea Rocks
East Wailuaiki Stream
Hahaha Bay
Haipuaena Falls

- \* Hanawana Point
- \* Hanawana Stream
- \* Hanehoi Point
- \* Hanehoi Stream
- \* Hoalua Bay
- \* Hoalua Stream
- ★ Honokala Gulch
- ★ Honokala Point Honomanu Bay Honomanu Stream
- \* Hoolawe Bay
- \* Hoolawe Point
- \* Hoolawe Stream
- \* Huelo Point
- \* Huelo Stream
- \* Kaaiea Gulch
- ★ Kahalau

  Kalaloa Point
- \* Kailua Stream
- Kapukaamaui Point
  Kapapa Point
  Kauwalu
  Kawee Point
  Keahae
  Keanai Point
  Keopuka Rock
  Kolea Reservoir
  Kolea Stream

Kopiliula Stream

- ★ Makaiwa Bay Makoloaka Island Manahoa Rock Moiki Point Moku Hala Moku Holua Moku Mana
- \* Moku o Kau
- \* Mokupapa Gulch
- \* Mokupapa Point
- ★. Nailiilihaele Stream Nuaailua Bay Nuaailua Stream Ohia Stream
- ₩ Oopuola Point
- ♣ Oopuola Stream Paepaemoana Point Palauhulu Stream Papiha Point Pauwalu Point Piinaau Stream
- ✔ Puehu Stream Punalau Stream
- ♣ Punaluu Gulch Puohokamoa Falls Puu Okohola Wahinepee Stream Waikamoi Stream Wailua Wailua
- wallualki ba ★ Puu Kukai

# Continued from T-11906

Wailuanui Bay Wailuanui Stream Waiokamilo Stream Waiokilo Falls

★ Wai pio Bay West Wailuaiki Stream

\* Hono pou Stream \* Honopou Point \* Waipio Stream

> All Names Approved by Office of Geography

Approved: 1-20-66 a. J. Wraight

\* only these momes appear on this manuscript.

# 49. NOTES FOR THE HYDROGRAPHER

The following photo-hydro signal sites, identified by the field inspection party, were located during compilation.

| 0601    | End of rock point                | 60 W 2509  |
|---------|----------------------------------|------------|
| 0602    | Hawaiian Church Steeple          | 60 W 2509  |
| 0603    | Corner of corral                 | 60 W 2507  |
| 0604    | Rag at fence corner              | 60 W. 2507 |
| 0605    | Concrete pier - off shore of two | 60 W 2507  |
| กษกั้ง. | Flag at point of gross           | <u> </u>   |

|                                                | 0605<br>nena. | Concrete pier - off shore of two | 60 W 2507 |
|------------------------------------------------|---------------|----------------------------------|-----------|
| M1                                             |               |                                  |           |
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| C&GS FORM 1002                                               |                                                                 | u.                                                                       | S. DEPARTMENT OF COMMERCE<br>COAST AND GEODETIC SURVEY |
|--------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|
|                                                              | PHOTOGRAMMET                                                    | TRIC OFFICE REVIEW                                                       |                                                        |
| 50                                                           | I                                                               | 10363 T-11900                                                            |                                                        |
| 1. PROJECTION AND GRIDS                                      | 2. TITLE                                                        | 3. MANUSCRIPT NUMBERS                                                    | 4. MANUSCRIPT SIZE                                     |
| DMB                                                          | DMB                                                             | DMB                                                                      | DMB                                                    |
| CONTROL STATIONS                                             |                                                                 |                                                                          |                                                        |
| 5. HORIZONTAL CONTROL STA<br>THIRD-ORDER OR HIGHER AG<br>DMB | TIONS OF CCURACY 6. RECOVERA OF LESS TO (Topographi             | BLE HORIZONTAL STATIONS<br>HAN THIRD-ORDER ACCURACY<br>Ic stations) NONE | 7. PHOTO HYDRO STATIONS DMB                            |
| 8. BENCH MARKS                                               | 9. PLOTTING OF SEXTANT                                          | 10. PHOTOGRAMMETRIC                                                      | 11. DETAIL POINTS                                      |
| NONE                                                         | NONE                                                            | DMB                                                                      | DMB                                                    |
| ALONGSHORE AREAS (Nautical                                   | Chart Data)                                                     |                                                                          |                                                        |
| 12. SHORELINE                                                | 13. LOW-WATER LINE                                              | 14. ROCKS, SHOALS, ETC.                                                  | 15. BRIDGES                                            |
| DMB                                                          | DMB                                                             | DMB                                                                      | NONE                                                   |
| 16. AIDS TO NAVIGATION                                       | 17. LANDMARKS                                                   | 18. OTHER ALONGSHORE PHYSICAL FEATURES                                   | 19. OTHER ALONGSHORE CULTURAL FEATURES                 |
| DMB                                                          | DMB                                                             | DMB                                                                      | DMB                                                    |
| PHYSICAL FEATURES                                            |                                                                 |                                                                          |                                                        |
| 20. WATER FEATURES                                           | 21. NATURAL                                                     | GROUND COVER                                                             | 22. PLANETABLE CONTOURS                                |
| DMB                                                          |                                                                 | DMB                                                                      | NONE                                                   |
| 23. STEREOSCOPIC<br>INSTRUMENT CONTOURS                      | 24. CONTOURS IN GENERAL                                         | 25. SPOT ELEVATIONS                                                      | 26. OTHER PHYSICAL                                     |
| NONE                                                         | NONE                                                            | NONE                                                                     | DMB                                                    |
| CULTURAL FEATURES                                            |                                                                 | 100 0111 00100                                                           | 130 OTHER CHI THRAI                                    |
| 27. ROADS                                                    | 28. BUILDINGS                                                   | 29. RAILROADS                                                            | 30. OTHER CULTURAL FEATURES                            |
| DMB                                                          | DMB                                                             | NONE                                                                     | DMB                                                    |
| BOUNDARIES                                                   |                                                                 | 32. PUBLIC LAND LINES                                                    |                                                        |
| 31. BOUNDARY LINES NONE                                      |                                                                 | NONE                                                                     |                                                        |
| MISCELLANEOUS                                                | I 34. JUNCTION                                                  | uc .                                                                     | 35. LEGIBILITY OF THE                                  |
| 33. GEOGRAPHIC NAMES  DMB                                    | 34. JUNCTION                                                    | DMB -                                                                    | DMB                                                    |
| 36. DISCREPANCY OVERLAY DMB                                  | 37. DESCRIPTIVE REPORT DMB                                      | 38. FIELD INSPECTION PHOTOGRAPHS DMB                                     | 39. FORMS DMB                                          |
| For: D. M. Brant                                             | iberg                                                           | Supervisor, REVIEW SECTION                                               | inberg                                                 |
| 41. REMARKS (See attached shee                               |                                                                 |                                                                          |                                                        |
| FIELD COMPLETION ADDITION                                    | IS AND CORRECTIONS TO THE                                       |                                                                          |                                                        |
| 42. Additions and corrections script is now complete exc     | s furnished by the field comple<br>cept as noted under item 43. | etion survey have been applied                                           | to the manuscript. The manu-                           |
| COMPILER *                                                   | •                                                               | SUPERVISOR                                                               |                                                        |
| 43. REMARKS                                                  |                                                                 | on 70 of this re                                                         | 2014                                                   |
| * Field edit                                                 | applied - reter to                                              | page 20 of this rev                                                      |                                                        |
|                                                              |                                                                 |                                                                          |                                                        |

#### FIELD EDIT REPORT T-11906

No formal field edit report was received. Please refer to the memorandum on the next page of this report concerning field edit. Refer to page 20 of this report.

UNITED STATES GOVERNMENT

Memorandum

U.S. DEPARTMENT OF COMMERCE 17 COAST AND GEODETIC SURVEY

DATE: 8 July 1963

The Director Coast and Goodetic Survey U.S.Department of Commerce Washington 25, D.C.

FROM : Commanding Officer USCAGSS Pathfinder 705 Federal Office Building Seattle, Washington

SUBJECT: Field Edit Report - OFR-419

During the first half of the 1963 field season, Pathfinder personnel field edited the manuscripts listed below for accuracy and empleteness. All rec emended changes have been noted on the blackline impressions in red and green ink. In general, the namescripts were found to be very reliable with only minor descrepancies being meted.

Four manuscripts with noted changes are being forwarded to the Machington Office on July 9. Those manuscripts with ne recommended changes have been noted below. The remaining marmscripts will be fervarded as seen as we have had an epportunity to compare them with the best sheets now in Mashington for photographying.

A DESCRIPTION OF THE PROPERTY OF THE PROPERTY

| T-11906 Bdi: T-11907 Bdi: T-11908 Edi: T-11909 Edi: T-11910 Bdi: T-11910 Bdi: T-11930 Fee: T-11931 Edi: T-11932 Edi: T-11933 Edi: T-11935 For: T-11936 For: T-11937 For: T-11937 For: | od - Will be forwarded later od - Ho recommended changes od - No recommended changes od - Will be forwarded later ted - Will be forwarded later ted - Will be forwarded later |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7-7-11                                                                                                                                                                                | ted - Will be forwarded later<br>ted - Will be forwarded later                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

It is requested that these manuscripts be returned to the Ship as seen as is practical as they will be needed for smooth plotting.

#### REVIEW REPORT T-11906 SHORELINE May 17, 1966

#### 61. GENERAL STATEMENT

See summary accompanying Descriptive Report.

# 62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with copies of Registered Planetable surveys No. 3272 and 3273, both 1:20,000 scale surveys made in 1912 and approved March 30, 1914. A submerged rock at approximate latitude 20 56.4 longitude 1560 14.3 is not visible on photographs of the area.

Survey T-11906 supersedes the planetable surveys and should be used for future nautical chart construction purposes in the area mapped.

#### 63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with 1:24,000 scale U.S.G.S. quadrangles Haiku and Keane, Hawaii, editions of 1957.

The rock mentioned in item 62 also appears on the Haiku quadrangle.

This survey and the U.S.G.S. quadrangles are in good general agreement. No major discrepancies were noted.

# 64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made a copy of boat sheet PF-10-5-62 (sheet B).

The shoreline for the boat sheet was obtained from a cronaflex copy of the map manuscript and no discrepancies were noted.

NOTE: A "Notes to Verifier" page was submitted to the Hydro Branch, 8/2/66. Refer to page 20 of this report.

# 65. COMPARISON WITH NAUTICAL CHARTS

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NOTES TO THE VERIFIER H-8717 (PF-10-5-62) PH-6012 (Survey T-11906) Maui, Hawaii

The final review report for T-11906 (side heading 64) mentions comparison with boat sheet PF-10-5-62 (sheet B). No discrepancies were noted.

Prior to registration, the final manuscript was compared with bromide copies (A, B, and C) of the subject boat sheet. A number of discrepancies exist. Data examined in an attempt to resolve the discrepancies consisted only of the Field Edit Sheet - no field edit report was submitted by the field party; and, the existence of field edit photographs is not indicated by transmittal record.

Discrepancies noted on the field edit sheet have been accounted for on the final copy of the shoreline survey. A change in foul line - the only item noted by the edit party requiring a change in boat sheet information - is not reflected on the bromide copies examined.

Numerous rocks shown on T-11906mare not shown on the subject bromide copies.

Two nonexistent, large, bare rocks are depicted on the boat sheet copies. These "rocks" are actually zeros in five digit hydro signal numbers shown on the shoreline survey. The symbols are located at 20° 54.2' latitude and 156° 12.44' longitude; and 20° 55.06' latitude and 156° 13.6' longitude.

St Blankertole Unit

#### NAUTICAL CHART.DIVISION

#### **RECORD OF APPLICATION TO CHARTS**

T-11906 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 Revi

| CHART | DATE   | CARTOGRAPHER | REMARKS                                                          |
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FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

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