**T-13375**

**ORIGINAL**

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>
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<tbody>
<tr>
<td>Job No.</td>
<td>PH-6909</td>
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<tr>
<td>Map No.</td>
<td>T-13375</td>
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<tr>
<td>Classification No.</td>
<td>Final</td>
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<tr>
<td>Edition No.</td>
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**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Alaska</th>
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<tbody>
<tr>
<td>General Locality</td>
<td>Sumner Strait</td>
</tr>
<tr>
<td>Locality</td>
<td>Red Bay (East)</td>
</tr>
</tbody>
</table>

**1969 TO 1971**

**REGISTRY IN ARCHIVES**

**DATE**

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

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

**Officer-in-Charge**  
Jeffrey Carlen, CDR/NOAA

#### I. Instructions Dated

<table>
<thead>
<tr>
<th>1. Office</th>
<th>2. Field</th>
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<tbody>
<tr>
<td>Aero triangulation: October 2, 1969</td>
<td>Premarking: May 14, 1969</td>
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<tr>
<td>Compilation: September 14, 1970</td>
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<tr>
<td>Compilation: November 6, 1970</td>
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<tr>
<td>Compilation Amend I: November 20, 1970</td>
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<tr>
<td>Datum: Mean Low Water</td>
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<tr>
<td>Datum: Mean Lower Low Water</td>
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<td>Datum: Mean Sea Level</td>
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<thead>
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<th>4. Grid(s)</th>
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<td>Scale: 1:10,000</td>
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#### III. History of Office Operations

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<th>Date</th>
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<tr>
<td>1. AEROTRIANGULATION METHOD: Analytic.</td>
<td>R. Kelly</td>
<td>Apr 1970</td>
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<tr>
<td>2. CONTROL AND BRIDGE POINTS METHOD: Corédomat</td>
<td>P. Dempsey</td>
<td>Sept 1970</td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT COMPOSITION INSTRUMENT: Wild B-8</td>
<td>A. L. Shands</td>
<td>Jan 1971</td>
</tr>
<tr>
<td>SCALE:</td>
<td>NA</td>
<td>Jan 1971</td>
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<tr>
<td>4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted</td>
<td>F. Margiotta</td>
<td>Jan 1971</td>
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<td>SCALE:</td>
<td>F. Margiotta</td>
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<tr>
<td>5. OFFICE INSPECTION PRIOR TO FIELD EDIT</td>
<td>B. Wilson</td>
<td>Jan 1971</td>
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<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td>B. Wilson</td>
<td>Dec 1971</td>
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<tr>
<td>7. COMPILED SECTIONS REVIEW</td>
<td>A. L. Shands</td>
<td>Oct 1979</td>
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<td>8. FINAL REVIEW</td>
<td>A. L. Shands</td>
<td>Dec 1979</td>
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<tr>
<td>9. DATA FORWARD ED TO PHOTOGRAMMETRIC BRANCH</td>
<td>F. R. Watts</td>
<td>Feb 1980</td>
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<tr>
<td>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</td>
<td>E. W. DAUGHERTY</td>
<td>Jan 1980</td>
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*U.S. G.P.O. 1972-769382/582 REG.#6*
### Compilation Sources

#### Camera(s)
- Wild RC- 8 "L"

#### Tide Stage Reference
- X Predicted Tides
- □ Reference Station Records
- □ Tide Controlled Photography

#### Types of Photography
- (C) Color
- (P) Panchromatic
- (I) Infrared

#### Time Reference
- □ Standard
- □ Daylight

#### Zone
- Pacific

#### Meridian
- 120th

#### Number and Type | Date | Time | Scale | Stage of Tide
---|---|---|---|---
69E(C) 2057 & 2058 | 8/24/69 | 14:54 PST | 1:20,000 | 7.2 ft. above MLLW
69E(C) 2061 & 2062 | 8/24/69 | 15:04 PST | 1:20,000 | 6.8 ft. above MLLW

#### Remarks
- Subord. Sta. RED BAY, PRINCE OF WALES ISLAND, ALASKA RANGE: 12.2 Ft.

#### Source of Mean High-Water Line:
- From the above list of photographs.

#### Source of Mean Low-Water or Mean Lower Low-Water Line:
- None compiled.

#### 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>
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#### Final Junctions
- **North**: T-13374
- **East**: No survey-CM7206
- **South**: None
- **West**: T-12470

#### Remarks
### HISTORY OF FIELD OPERATIONS

#### 1. FIELD INSPECTION OPERATION  [ ] FIELD EDIT OPERACTION

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<td>R. Moses</td>
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<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
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<td>5. GEOGRAPHIC NAMES INVESTIGATION</td>
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<td>6. PHOTO INSPECTION</td>
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<tr>
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3. PHOTO NUMBERS (Clarification of details)

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4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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5. GEOGRAPHIC NAMES: [ ] REPORT [ ] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [ ] NONE

7. SUPPLEMENTAL MAPS AND PLANS

<p>| | |</p>
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8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

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<tr>
<td>OPERATION</td>
<td>NAME</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>G. Saladín</td>
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<tr>
<td>2. HORIZONTAL CONTROL</td>
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<tr>
<td>3. VERTICAL CONTROL</td>
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<tr>
<td>5. GEOGRAPHIC NAMES INVESTIGATION</td>
<td>G. Saladín</td>
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<tr>
<td>6. PHOTO INSPECTION</td>
<td>R. Arnold &amp; H. Herz</td>
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<tr>
<td>7. BOUNDARIES AND LIMITS</td>
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II. SOURCE DATA

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<tr>
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<th>INFORMATION</th>
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<td>1. HORIZONTAL CONTROL IDENTIFIED</td>
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<td>2. VERTICAL CONTROL IDENTIFIED</td>
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<tr>
<th>PHOTO NUMBER</th>
<th>STATION NAME</th>
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<th>STATION DESIGNATION</th>
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3. PHOTO NUMBERS (Clarification of details)

69E 2063

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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<th>OBJECT NAME</th>
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<th>OBJECT NAME</th>
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</table>

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)

1. Field Edit Report
2. Field Edit Ozalid
# RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>STAGE</th>
<th>DATE</th>
<th>REMARKS</th>
<th>MARINE CHARTS</th>
<th>HYDRO SUPPORT</th>
</tr>
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<tbody>
<tr>
<td>Compilation complete pending Field Edit</td>
<td>Jan 1971</td>
<td>Class III manuscript Superseded</td>
<td>2/10/71</td>
<td>1/27/71</td>
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<tr>
<td>Field Edit applied Compilation Complete</td>
<td>Dec 1971</td>
<td>Class I manuscript</td>
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<tr>
<td>Final Review</td>
<td>Oct 1979</td>
<td>Final</td>
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<td></td>
</tr>
</tbody>
</table>

## II. LANDMARKS AND AIDS TO NAVIGATION

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.

## IV. SURVEY EDITIONS

<table>
<thead>
<tr>
<th>EDITION</th>
<th>SURVEY NUMBER</th>
<th>JOB NUMBER</th>
<th>TYPE OF SURVEY</th>
<th>MAP CLASS</th>
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<td>(2)</td>
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<td>Revised</td>
<td>II, III, IV, V, Final</td>
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<tr>
<td>Third</td>
<td>(3)</td>
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<td>Revised</td>
<td>II, III, IV, V, Final</td>
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<tr>
<td>Fourth</td>
<td>(4)</td>
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<td>Revised</td>
<td>II, III, IV, V, Final</td>
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</table>
SUMMARY TO ACCOMPANY T-12462 THRU T-12470,
T-13338 Thru T-13342 and T-13374 Thru T-13378

This summary covers Project PH-6909 consisting of nineteen
standard shoreline maps covering the area of Summer Strait. The pur-
pose of this job was to provide support for hydrographic operations
conducted in the area during the 1971 and 1972 field seasons. Each map
is 1:10,000 scale.

Photography of the area was flown during the summer of 1969.
Flights of 1:60,000 and 1:30,000 scale color photography were flown for
use in aerotriangulation and stereo instrument compilation. Tandem
flights of 1:20,000 scale color and black and white infrared were used
to supplement the instrument compilation photography.

There was no field inspection. Prior to compilation field work
consisted of the recovery and identification of horizontal control for
bridging which was conducted at the Rockville Office in April, 1970, by
analytic methods.

All maps were compiled at the Atlantic Marine Center with the
Wild B-8 stereoplotter. Shingle Island on T-13341 and Vichnefski Rock
and White Rock on T-12464 were compiled graphically using control
established in the bridge supplemented by control established in B-8
stereo models.

Field Edit was done for all maps in summer of 1971. Much of that
data for the seven easternmost maps, T-12462 - T-12465 and T-13376,
T-13378 was lost.
These maps were re-edited in the summer of 1975. Edit was applied to all maps at the Atlantic Marine Center.

Final review was performed at the Atlantic Marine Center. All pertinent data was forwarded to Rockville, Maryland, office for reproduction and final registration.
FIELD INSPECTION
T-13375

There was no field inspection prior to compilation. Field activity was limited to the recovery and identification of control for bridging.
Aerotriangulation Report
PH-6909
Sumner Strait, Alaska

April 29, 1970

21. Area Covered

This report covers T sheets 12462 through 12470, T sheets 13338 through 13342 and T sheets 13374 through 13378 of Sumner Strait, Alaska, at 1:10,000 scale.

22. Method

Three strips of 1:60,000 scale color photography were bridged by analytical methods to provide horizontal control, compilation and ratio points for 1:30,000 scale photography. The attached sketch of the strips bridged shows the placement of triangulation used in the strip adjustment. A list of closures to control is part of this report. Positions of all compilation points (i.e. 900 points) and control stations have been plotted on the manuscripts by the Coradi, on the Alaska Zone 1 plane coordinate system.

23. Adequacy of Control

The horizontal control provided was adequate except for SPIT, 1927. The strip adjustment showed an error of -15 feet in the x direction. The adjacent project Keku Strait, Alaska, PH-6206 which used SPIT, 1927, also showed an error of -15 feet in the x direction. The reason for not obtaining a better closure is not known. Six tie points were used to augment datum tie between strip 1 of Sumner Strait and strips 1 and 11 of Keku Strait. Tie points were averaged between the three strips.

All other control held well within the accuracy required by National Standards of Map Accuracy at 1:10,000 scale.

24. Supplemental Data

U. S. Geological Survey quadrangles were used to provide elevations for vertical adjustment of the bridges.
25. Photography

Photography was adequate as to coverage, overlap and definition.

Submitted by,

Robert B. Kelly

Approved and forwarded,

Henry P. Eichert
Chief, Aerotriangulation Section
JOB PH-6909
SUMNER STRAIT, ALASKA
SHORELINE MAPPING
Scale 1:10,000

VICHNEFSKI
Beach Light, 1967
LEGEND:

Δ Control Used in Adjustment

() Changes of Grade to Control Known in Parentheses

Δ Control Used as Check.

Strip 1

Δ Lung, 1929 (-0.9, +1.1) ft
Δ West, 1929 (+1.0, -1.9)
Δ Sunflower, 1916 (0.0, +1.0)
Δ Barrie 2, 1916 (+0.9, -3.3)
Δ H.G., 1927 (+0.3, -0.4)

Strip 2

Δ Frank, 1934 (0.0, -0.5)
Δ Cullen, 1964 (-0.5, +1.6)
Δ S.D., 1916 (+0.1, +0.5)
Δ West, 1916 (-0.5, +0.3)
Δ Coteau 1, 1916 (+0.7, -1.4)
Δ Jeff, 1916 (-0.3, +0.4)

Strip 3

Δ Jeff, 1916 (-0.2, +0.3)
Δ Marz 2, 1916 (-0.7, -0.3)
Δ Coteau 2, 1915 (+2.1, +0.4)
Δ Yk-Neferki Rock 1, 1947 (-1.6, -0.6)
### DESCRIPTIVE REPORT CONTROL RECORD

<table>
<thead>
<tr>
<th>MAP NO.</th>
<th>JOB NO.</th>
<th>GEODETIC DATUM</th>
<th>ORIGINATING ACTIVITY</th>
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<tr>
<td>T-13375</td>
<td>PH-6909</td>
<td>NA 1927</td>
<td>Coastal Mapping</td>
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<td></td>
<td></td>
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<td>Division, Norfolk, Va.</td>
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**STATION NAME**

| NONE |

**COORDINATES IN FEET**

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<td>y=</td>
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</table>

**SOURCE OF INFORMATION**

- [Index]

**AEROTRIANGULATION POINT NUMBER**

**GEOGRAPHIC POSITION**

- Latitude
- Longitude

**REMARKS**

- FORWARD
- BACK

**COMPUTED BY**

- DATE
- COMPUTATION CHECKED BY
- DATE

**LISTED BY**

- DATE
- LISTING CHECKED BY
- DATE

**HAND PLOTTING BY**

- DATE
- HAND PLOTTING CHECKED BY
- DATE
COMPILATION REPORT  
T-13375  
SHORELINE

31. **DELINEATION:**

The mean high water line, rocks and ledge details were compiled by the Wild B-8 plotter. The stage of tide was 7.2 ft. therefore no low water line was compiled. Photography was adequate and of good quality. There was no field inspection prior to compilation.

32. **CONTROL:**


33. **SUPPLEMENTAL DATA:**

None.

34. **CONTOURS AND DRAINAGE:**

Contours were inapplicable. Drainage was delineated from office interpretation of the stereo models.

35. **SHORELINE AND ALONGSHORE DETAILS:**

Shoreline and alongshore details were compiled from office interpretation of the stereo models. There was no low water photography.

36. **OFFSHORE DETAILS:**

No statement.

37. **LANDMARKS AND AIDS:**

None.
38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

There was no contemporary survey to the south or east TP-00564-CM7200. Junctions were made with T-13374 to the north and with T-12470 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

45. COMPARISON WITH PRIOR SURVEYS:

Comparison was made with USC & GS Survey 1749, scale 1:80,000, dated 1886.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with USGS Quadrangle PETERSBURG (B-4), ALASKA, scale 1:63,360, dated 1949 with minor revisions in 1964.

47. COMPARISON WITH NAUTICAL CHARTS:


ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.
ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Frank P. Marigliatta
Cartographic Aid
January 21, 1971

Approved:

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section
October 26, 1970

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6909 (Alaska)

T-13375

✓ Creek No. 1
✓ Creek No. 2
✓ Creek No. 3
✓ Creek No. 4
✓ Narrows Creek
* Pine Creek
✓ Prince of Wales Island
✓ Range Island
✓ Red Bay
✓ Red Bay Creek
✓ Red Lake
✓ Salmon Creek
✓ Short Creek

*Not shown on map. Beyond mapping limits.
A. L. Shands 10/9/79

Approved by:

A. J. Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
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**Control Stations**

<table>
<thead>
<tr>
<th>5. Horizontal Control Stations of Third-Order or Higher Accuracy</th>
<th>6. Recoverable Horizontal Stations of Less Than Third-Order Accuracy (Topographic Stations)</th>
<th>7. Photographic Stations</th>
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**Bench Marks**

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**Alongshore Areas (Nautical Chart Data)**

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**Miscellaneous**

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**Reviewer**

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<th>41. Remarks (See attached sheet)</th>
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<tr>
<td>B. Wilson</td>
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<td>Jan. 22, 1971</td>
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**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**

<table>
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<th>42. Remarks (See Forms 76-36C, Items 3, 7 &amp; 8)</th>
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<tr>
<td>B. L. Barge</td>
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**Field Edit applied from:** See Forms 76-36C, Items 3, 7 & 8.
FIELD EDIT REPORTS
SUMNER STRAIT
SOUTHEAST ALASKA
OPR-448
1971

CDR Gerald C. Saladin
NOAA Ship DAVIDSON
FIELD EDIT REPORT
SUMNER STRAIT
SOUTHEAST ALASKA
GPR-448
APRIL-SEPTEMBER 1971

INTRODUCTION

Field edit reports are attached for the following maps:

T-12462 Mitchell Point
T-12463 Little Level Island
T-12464 Big Level Island
T-12465 Point St. John
T-12466 Port Protection
T-12467 Flicker Creek
T-12468 Buster Bay
T-12469 Mud Creek
T-12470 Red Bay (West)
T-13338 Yellow Island
T-13339 Little Totem Bay
T-13340 Totem Bay
T-13341 Shingle Island
T-13342 Moss Island
T-13374 Bell Island
T-13375 Red Bay (East)
T-13376 Point Colpoys
T-13377 Rookery Islands
T-13378 Macnamara Point

Field photographs and copies of the field edit ozalids were taken into the field. The mean high water line was verified by visual inspection of the shoreline and ozalids in the field. Isolated rocks, high points of ledges, ledge limits and some shoreline were located by three-point sextant fixes with check angles. Fixes were plotted on boatsheets:

DA-10-3-71
DA-10-4-71
DA-10-5-71
DA-10-6-71
DA-10-7-71
DA-10-8-71
DA-10-9-71
DA-5-1-71

Comparisons were made between boatsheets and ozalids.
Notes have been made on the appropriate photographs and have been cross referenced on the field edit Ozalids by photograph number. All times are based on 105°W meridian. Individual reports by manuscript are attached. Either processed or field photographs were used for notes as indicated in the individual reports.

Adequacy of Compilation

The photographic coverage of the area was excellent. Compilation was excellent with the few exceptions as noted on individual sheets. Unfortunately, photographic and manuscript coverage was not available for Kak Sheats Bay north of the Level Islands. Shoreline on the northern section of boatsheet DA-10-9-71 (H9221) will have to be edited when manuscripts are available.

Tide Notes

The following tide stations were used for hydrography in the Sumner Strait area:

- Pt. Baker
- Totem Bay
- Red Bay
- Level Island

Aids to Navigation

Non-floating Aids to Navigation within the area were located and are covered in a report titled "Non-floating and Floating Aids to Navigation C.P.R.-448 - Sumner Strait, Southeast Alaska 1971." A copy of the above report is included in the appendix.

Respectfully submitted,

Howard W. Herz
LTJG. NOAA

Approved,

Gerald C. Saladin
CDR. NOAA
Commanding Officer
NOAA Ship DAVIDSON
FIELD EDIT REPORT

MAP T-13375

SUMNER STRAIT - RED BAY (EAST)

SOUTHEAST ALASKA

JUNE-AUGUST 1971

The field edit of map T-13375 was done by LTJG. Russell C. Arnold and LTJG. Howard W. Herz in June and August 1971. Inspection was made by small boat and on foot.

METHOD

Field photographs and a copy of the field ozalid were taken into the field. The MHWL was visually inspected with special attention given to areas in question on the ozalid. Changes to the MHWL and ledge limits have been delineated on the processed photographs. High points of rocks and ledges have been noted on the ozalid. All times are 105°W meridian. All changes delineated on the photographs have been cross referenced on the ozalid. Notes were made on the following processed photograph:

69E2063 - changes made in red ink.

ADEQUACY OF COMPILATION

The compilation of this map was good. The MHWL is accurate in both configuration and location. Ledge limits and foul areas were in agreement except as noted. No fixed aids to navigation were located on this sheet. The field edit of this map is complete.

RECOMMENDATIONS

It is recommended that the map be revised in accordance with the notes on the Field Edit Ozalid and photograph and the map be accepted as an advance manuscript.

Respectfully submitted,

Russell C. Arnold
LTJG. NOAA

Howard W. Herz
LTJG. NOAA
APPENDIX

GEOGRAPHIC NAMES REPORT

LANDMARKS AND AIDS TO NAVIGATION REPORT
# DESCRIPTIVE REPORT

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## LOCALITY

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SPECIAL REPORT
ON
GEOGRAPHIC NAMES
OPR-448
SOUTHEAST ALASKA
SOUTH KEKU STRAIT - SUMNER STRAIT

NOAA SHIP DAVIDSON

CDR GERALD C. SALADIN
CHIEF OF PARTY
1971
The enclosed USGS Petersburg (B-4), (B-5), (B-6), (C-4) and (C-6) Alaska quadrangle sheets were used for geographic names identification along with the enclosed charts 8174 and 8201.

On August 29, 1971 Mr. Clarence Louis and Mr. Harry Coulter, both of Wrangell, Alaska, were interviewed. Mr. Louis has been a resident of Wrangell for 77 years and has fished extensively throughout the Sumner Strait area. Mr. Harry Coulter has been a resident of Wrangell since 1900. He has fished and done extensive navigating aboard tugs and steamboats in the Sumner Strait area.

On August 30, 1971 Mr. Laurel Allen Woolery (Buckshot), owner of the B.S. Trading Post, Port Protection, Alaska, was interviewed. Mr. Woolery has resided at Port Protection for more than thirty years.

All of the above individuals were shown the USGS quadranges and the NOS charts. Verified names have been underlined in red on the charts and quadrangles. New or questionable names have been noted and the following remarks apply:

(Note: "GSPP-567" refers to "Dictionary of Alaska Place Names, by Donald J. Orth, Geological Survey Professional Paper 567. Excerpts from the above are included in the appendix of this report.)

NOTE A: WOODEN WHEEL COVE (Port Protection: Lat. 56°18'35"N; Long. 133°36'25"W.) Named after a Wrangell resident who's fishing boat broke down in the cove. He fabricated a wheel out of wood and managed to get into Wrangell. He is since known by his friends as "Wooden Wheel" Johnson. (Clarence Louis-Wrangell)

NOTE B: JACKSON ISLAND (Port Protection: Lat. 56°19'32"N; Long. 133°36'14"W.) Named after Percy Jackson who had a boat shop on the island. (Laurel "Buckshot" Woolery-Port Protection)

NOTE C: EAST ROCK (Sumner Strait: Lat. 56°21'30"N; Long. 133°35'00"W.) Locally known as EAST ROCK (Woolery-Port Protection). Shown on USGS quadrangle Petersburg (B-5) as "TWIN I". Shown in GSPP-567 as EAST ROCK. EAST ROCK is correct as shown on NOS chart 8174.
NOTE D:  MERRIFIELD BAY (Sumner Strait: Lat. 56°21'05"N; Long. 133°35'15"W.) Previously called "HOFSTEAD BIGHT" after Richard Hofstead who had a small store and herring traps there (Louis and Coulter-Wrangell). Known today as MERRIFIELD BAY by the local fishermen. The present name of MERRIFIELD BAY should be retained.

NOTE E:  FLICKER CREEK (Sumner Strait: Lat. 56°20'00"N; Long. 133°33'00"W.) Un-named on largest scale chart of the area (NOS 8201). Named "FLICKER CREEK" on USGS quadrangle Petersburg (B-5) and in GSPP-567. Correctly shown on Incomplete Manuscript T-12467 as FLICKER CREEK. Locally called "HUMPY CREEK" by some of the fishermen (Woolery-Port Protection). The present name of FLICKER CREEK should be retained.

NOTE F:  SHINE CREEK (Sumner Strait: Lat. 56°19'35"N; Long. 133°26'30"W.) So named in GSPP-567 and on USGS quadrangle Petersburg (B-5). Correctly shown on Incomplete Manuscript T-12468. Probably named after a Mr. "Shine" Owens who logged around Buster Bay about 1940 (Woolery-Port Protection).

NOTE G:  BUSTER BAY & BUSTER CREEK (Sumner Strait: Lat. 56°20'N; Long. 133°26'W.) Correctly named on Incomplete Manuscript T-12468. Probably named after Mr. "Buster" Neil Grant who used to anchor a pile driver there (Louis-Wrangell).

NOTE H:  BIG CREEK (Sumner Strait, Red Bay: Lat. 56°15'38"N; Long. 133°20'20"W.) Named on USGS quadrangle Petersburg (B-5) and GSPP-567 and Incomplete Manuscript T-12470. Name should be retained on stream as shown on T-12470. Chart 8168 shows "BIG CREEK" located between Red Lake and Red Bay. For corrections see RED BAY CREEK note below.

LITTLE CREEK (Sumner Strait, Red Bay: Lat. 56°16'22"N; Long. 133°20'50"W.) Correct as shown on USGS quadrangle Petersburg (B-5) and noted in GSPP-567 and Incomplete Manuscript T-12470. Chart 8168 shows "LITTLE CREEK" incorrectly. The chart should be revised according to the manuscripts.

RED BAY CREEK (Sumner Strait, Red Bay: Lat. 56°13'15"N; Long. 133°19'45"W.) Local name given to the creek that joins Red Lake and Red Bay (Woolery, Louis & Coulter - Port Protection and Wrangell). As many local fishermen use this name, it is suggested that it be used on chart 8168 and T-13375.
NOTE I: DOUGLAS(S) BAY (Sumner Strait: Lat. 56°28'N; Long. 133°17'W.) Correct as named. USGS quadrangle Petersburg (B-4) gives a spelling of DOUGLAS. NOS chart 8160 gives a spelling of DOUGLASS. GROSS-567 notes both spellings. For the correct spelling consult USGS chart 706.

NOTE J: TOTE POINT (Sumner Strait: Lat. 56°27'10"N; Long. 133°26'00"W.) Shown on USGS quadrangle Petersburg (B-5) and Incomplete Manuscript T-13340. This name could not be verified by those interviewed. It is recommended that the name be retained as shown.

Names that could not be verified in interviews have not been underlined or noted and are assumed correct. The charted names on NOS charts 8174 and 8201 are used and accepted by the local fisherman and mariners except as noted.

Respectfully submitted,

Howard W. Herz
Lt(jg) NOAA

Approved,

Gerald C. Saladin
CDR. NOAA
Commanding Officer
NOAA Ship DAVIDSON
LANDMARKS AND AIDS TO NAVIGATION

LANDMARKS

No landmarks exist within the area covered by OPR-448.

NON-FLOATING AIDS TO NAVIGATION

The non-floating aids to navigation listed on Form 567 are recommended as landmarks useful for navigational purposes. They should be continued on charts 8160 and 8201 using the geographic positions listed on Form 567.

FLOATING AIDS TO NAVIGATION

The following floating aids to navigation were located within the limits of OPR-448, 1971. Positions were determined by sextant fixes using second order triangulation signals. Geographic positions were computed and compared with those given in Light list Volume III Pacific Coast and Pacific Islands.

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Respectfully submitted,

Howard W. Herz  
LTJG.  NOAA

Approved,

Gerald C. Saladin  
CDR.  NOAA  
Commanding Officer  
NOAA Ship DAVIDSON
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

August 20, 1971

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by

Chief of Party

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<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
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<td>—</td>
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This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if needed, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual survey sheets. Information under each chart heading should be given.

* Tabulate seconds and meters
REVIEW REPORT
T-13375
SHORELINE

October 11, 1979

61. GENERAL STATEMENT:

Photograph, 69E(C)2063, referred to in the field edit report and on page 3b of this descriptive report was not available during final review.

The field editor recommended that the Creek joining Red Lake to Red Bay be named Red Bay Creek. 'See Special Report on Geographic names attached to the Field Edit Report.' This name was not included on the Class I map. It was added during final review after approval, by phone, of the staff geographer, subject to action by the Board of Geographic Names.

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 Registered Smooth Sheet H-9216 (DA-10-4-71). The rock awash shown on the smooth sheet at lat. 56°16.8', long. 133°19.2' is not visible on the photographs and not shown on the map. The rock awash on the smooth sheet at lat. 56°16.7', long. 133°18.9' was delineated on the Class III Map as a submerged rock. The field editor recommended it be deleted from the map. This was complied with during application of field edit.
65. **COMPARISON WITH NAUTICAL CHARTS:**

Comparison was made with Chart 17381, 1:20,000 scale 7th edition dated January 3, 1976.

The islet charted at lat. 56°16.7', long. 133°18.9' and the submerged rock charted northwest of it are not visible on the photographs. They were not identified by the field editor and are not shown on the map.

The chart does not show an islet which is mapped at the mouth of Creek No. 4.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS:**

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

Submitted by:

A. L. Shands

Approved for forwarding:

B. H. Barnes  
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division
PH-6909

Sumner Strait, Alaska

Project Materials on File

NOS Archives

1 Stable base registered copy of each of 29 maps
1 Descriptive report for each of 29 maps

Federal Records Center

1 Job completion report
3 Forms 504 containing original field edit reports
1 Form 251, Horizontal Directions
13 Forms 152, CSI
5 Sets of parameter tapes and printouts
   Computer printouts of photogrammetric bridge
1 Form 76-40
1 Positive overlay each of T-12464, T-12465, and T-13376 thru T-13378
1 Each ratio (conopaque) photo - 69E(C) 560-567, 576, 577, 579,
   2047-2050, 2057, 2058, 2061, and 2062; 69K(I) 3724, 3735, 3736, 3738, 3739,
   and 3746; 69E(C) 983-990, 997, 999, 999A, 999B, 1000, 1010, 1021,
   1026-1028
1 Each matte 69K(I) 3735, 3736, 69E(C) 985, 987-990, 999, 999A, 999B,
   and 1000

19 FIELD EDIT OZALIDS