8816

Diag. Cht. No. 8202-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. LJ-20-1-64 Office No. H-8816

LOCALITY

State ALASKA

General locality GLACIER BAY

Locality ENTRANCE, GLACIER BAY

1964

CHIEF OF PARTY

RICHARD H. HOULDER

LIBRARY & ARCHIVES

DATE 9/25/69

USCOMM-DC 5087

8816

OAK. Prior Survey 6339 Report

FORM C&GS-537 (5-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

# HYDROGRAPHIC TITLE SHEET

REGISTER NO.

H-8816

INSTRUCTIONS - The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

FIELD NO.

LJ-20-1-64

State ALASKA

General locality GLACIER BAY

Locality ENTRANCE , GLACIER BAY

Scale 1/20,000 Date of survey 5-31 to 6-22/64

Instructions dated 4/28/64, Supp. 6/15 & 7/21/64, ltrs: 4/3&22/64 Project No. SP-3-64

Vessel USC&GS Ship LESTER JONES And Motor Launch No. 1192

Chief of party Richard Houlder

Surveyed by Richard H. Houlder and N. C. Austin

Soundings taken by echo sounder, ~~hand lead pole~~

Graphic record scaled by Launch Personnel

Graphic record checked by Launch Personnel

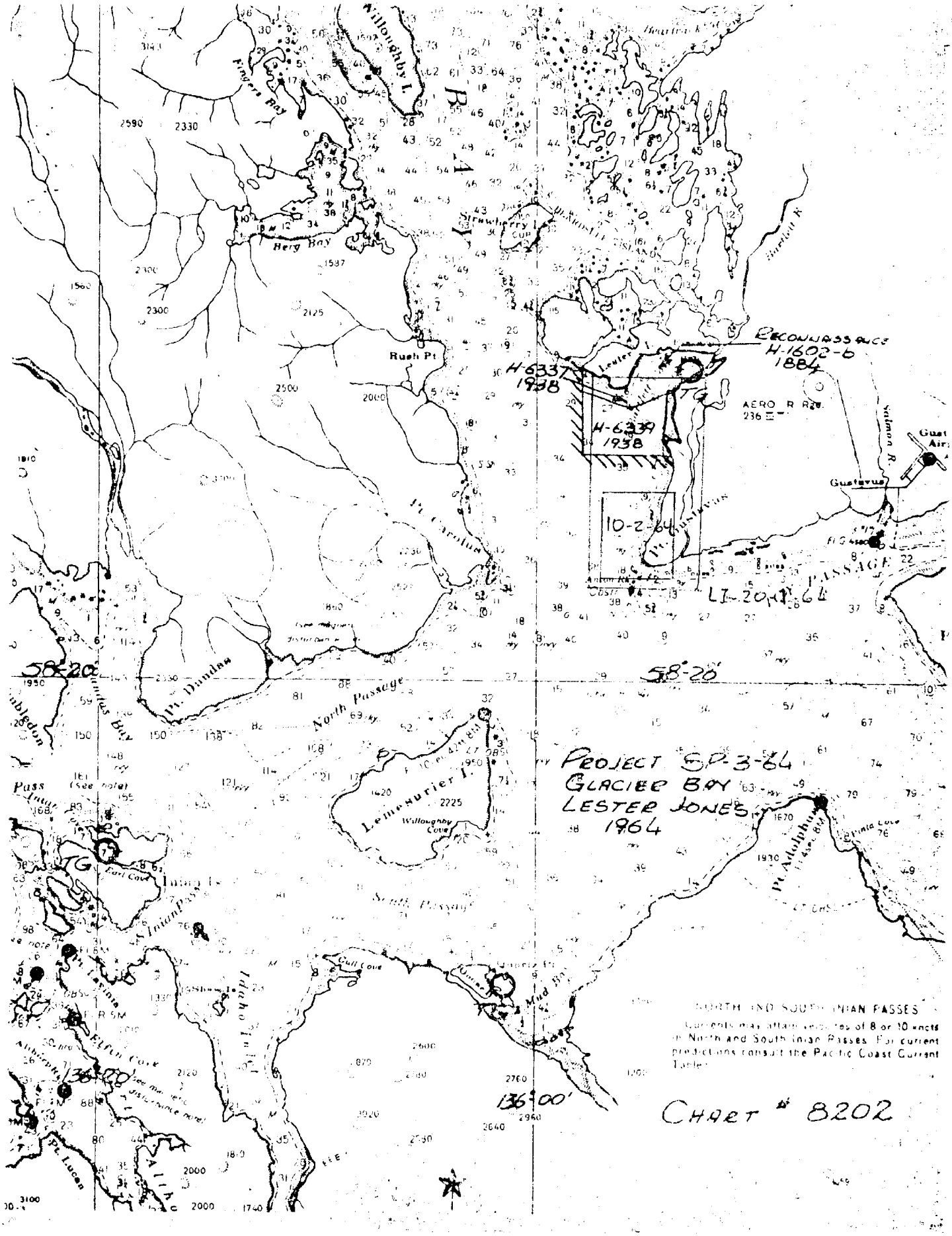
Protracted by H. L. Pittock, S.H.Otsubo & F.L.Rosario Automated plot by

Soundings penciled by H.L. Pittock, S.H. Otsubo & F.L. Rosario

Soundings in fathoms ~~feet~~ at ~~MLW~~ MLLW

REMARKS:

USCOMM-DC 37009-P66


RECONNAISSANCE
H-1602-6
1884
H-6337
1938
H-6339
1938
10-2-64
PROJECT SP-3-64
GLACIER BAY
LESTER JONES
1964
CHART # 8202
58°20'
136°00'
Rush Pt.
Pt. Carolus
Pt. Dundas
North Passage
Lemeurier I.
Willoughby Cove
Gustavus
Pt. Adolphus
Mud Bay
Gull Cove
Idaho Inlet
Pt. Lucan
Herg Bay
Finger Bay
Willoughby I.
Strawberry Cove
Barlow R.
Salmon R.
AERO R Rge.
236
PASSAGE
LI-20-64
SOUTH END SOUTH INIAN PASSES
Currents may attain velocities of 8 or 10 knots in North and South Inian Passes. For current predictions consult the Pacific Coast Current Tables.

DESCRIPTIVE REPORT TO ACCOMPANY

HYDROGRAPHIC SURVEY H-8816 (LJ-20-1-64) 1964

ENTRANCE, GLACIER BAY, ALASKA

Scale: 1:20,000

Date: 31 May thru 22 June 1964

A. PROJECT

Project instructions for SP-3-64 included original instructions dated 28 April 1964, supplemental instructions dated 15 June 1964 and 21 July 1964, letter dated 3 April 1964 and 22 April 1964.

B. AREA SURVEYED

The area surveyed covers the eastern portion of the entrance to Glacier Bay, Southeast Alaska, with an inset, (LJ-10-2-64), of the area near Point Gustavus. Sheet limits for LJ-20-1-64 are:

| | | |
|---|---|---|
| Lat | 58 | 28' on the North, |
| Lat | 58 | 22' on the South, |
| Long | 135 | 52' on the East, and |
| Long | 136 | 00' on the West. |

The inset limits are:

| | | |
|---|---|---|
| Lat | 58 | 21.5' on the South |
| Lat | 58 | 23.5' on the North, |
| Long | 135 | 54.0'W on the East, and |
| Long | 135 | 56.5W' on the West. |

The topography of the area is low woodland with sand and gravel beaches. The bottom is generally smooth and soft exceoting around Point Gustavus which is very rough and rocky, containing several obstructions to navigation.

The survey was conducted during the period 31 May thru 22 June 1964. It junctions with prior survey H-6339, 1938 (1:20,000) and with contemporary surveys LJ-10-1-64 and LJ-10-2-64. (Unsect)

C. SOUNDING VESSEL

All soundings by Launch 1192; day letter - purple

All bottom samples by ship; day letter - purple.

D. SOUNDING EQUIPMENT

Raytheon Fathometer 723-B, serial number 530, was used. Depths did not exceed 40 fathoms.

Two corrections were applied to the echo sounder; an index correction and an echo correction. The index was set at zero and deviations from this setting accounted for. The echo correction was determined by bar check taken twice daily to depths of 20 fathoms. When weather conditions permitted, a bar check to 30 fathoms was observed.

E. SMOOTH SHEET

The smooth sheet was ruled at the Seattle Regional Office by ship personnel, following the procedure outlined in Special Publication No. 5, "Polyconic Projection Tables". The rest of the smooth sheet was also completed there. Conditions were ideal for smooth plotting.

F. CONTROL

Hydrography was visually controlled by sextant fixes.

Hydrographic signals were located by photogrammetric methods and a short planetable traverse near Pt. Gustavus.

Photogrammetric compilations used were: T-12642, -12643, and -12644.

Graphic control appears on sheet: LJ-B-64.

G. SHORELINE

Shoreline was transferred from the photogrammetric compilations listed above. The transfer of shoreline and topographic details has been verified.

H. CROSSLINES

Crosslines on LJ-20-1-64 amounted to 8.9%; those on the inset (LJ-10-2-64) comprised 4.4%; with a combined percentage totaling 7.7% of the total soundings. Junctions of crosslines were in good general agreement.

Being part of the relatively flat center basin of Bartlett Cove, soundings at the crosslines of these two survey areas are in excellent agreement. However, near the shoreline, crosslines are more difficult to compare, as a small difference of location will reveal a different sounding.

I. JUNCTIONS

Junctions with contemporary survey LJ-20-2-64 and LJ-10-2-64 inset are in satisfactory agreement, ~~as~~ with prior survey H6339, conducted in 1938.

J. COMPARISON WITH PRIOR SURVEYS

Registered Survey #6339 was conducted at the entrance of Glacier Bay in 1938. Boat sheet LJ-20-1-64 is a photostatic blue-line copy of #6339.

The one pre-survey review item, as listed in the supplemental instructions dated 15 June'64, is not within the sheet limits of LJ-20-1-64 nor LJ-10-2-64.

K. COMPARISON WITH THE CHART

The largest scale chart of the area is #8304 at a scale of 1:80,000. The sizeable difference between this and the sheet scale makes comparison difficult. Nevertheless, all charted features have been clearly and adequately developed on the smooth sheet.

L. ADEQUACY OF SURVEY

The survey is complete and adequate to supercede prior surveys for charting.

M. AIDS TO NAVIGATION

Ancon Rock Buoy 2 is located SW of Pt. Gustavus in 17 fathoms of water. latitude 58° 22' 31"
longitude 135° 55' 43"

N. STATISTICS

LJ-20-1-64

Hydrography: 559 positions
97.0 nm soundings
7.0 sq. n. m.
Bottom samples: 11

LJ-10-2-64

| | |
|---|---|
| Hydrography: | ~~374~~ 382 positions |
| | 33.6 n.m. soundings |
| | 0.5 sq n.m. |
| Bottom samples: | 0 |

Combined Total

| | |
|---|---|
| Hydrography: | ~~933~~ 950 positions |
| | 130.6 n.m. soundings |
| | 7.5 sq n.m. |
| Bottom samples: | 11 |

There were no tidal current or magnetic observations in the survey area. ✓

## 0. MISCELLANEOUS

The reported obstruction at 58°22'22"N, 135°55'42"W was investigated as advised in letter dated 22 April '64, from Operations Divsion. The reported location is covered by more than 15 fathoms at MLLW. There are extreme tide rips in this area causing the buoy to drift over a rather large area. The Coast Guard has a difficult time in keeping the buoy on station because of the tide rips and the steep slope. It is possible for a boat leaving the bay to round the buoy (charted position as well as actual position) and then head due East. If this is done he will soon find himself hard aground on the rocks to the S.E. of Ancon Rock (Hydro signal KIL). One solution would be to have the buoy moved approximately 150-200 meters south of its present location. It is not known if this has been recommended to the Coast Guard or not.

✓

P. RECOMMENDATIONS

Other than the problem mentioned in "MISCELLANEOUS" above, the smooth plotter makes no recommendation.

Q. REFERENCES

| | |
|---|---|
| 1964 Season's Report | (forwarded) |
| 1964 Fathometer Report | (forwarded) |
| Tide Note | (1 sheet enclosed) |
| Abstract of Echo Corrections | (1 sheet enclosed) |
| List of Signals | (1 sheet enclosed) |

Respectfully submitted,

Stanley H. Otsubo

Stanley H. Otsubo
Quartermaster Surveyor/lc

Approved and forwarded

Harold E. McCall

Harold E. McCall
LT, C&GS
Comdg., Ship LESTER JONES

# TIDE NOTE

Project SP-3-64
LJ-20-1-64, LJ-10-2-64
Glacier Bay
Southeast Alaska

Station: Bartlett Cove
Latitude: 58°27.2'N
Longitude: 135°52.0'W
Time Meridian: 120 West
Height MLLW on Staff: 5.0 feet

The portable tide gage at Bartlett Cove was used throughout this survey. Tide reducers were scaled directly from the marigrams. No corrections for differences in time or height were applied.

FORM C&GS-712
(3-9-64)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

# TIDE NOTE FOR HYDROGRAPHIC SHEET

6/28/65

**Seattle Regional Office**
[redacted]

Plane of reference approved in
6 volumes of sounding records for

HYDROGRAPHIC SHEET 8816

Locality: **Point Gustavus, Glacier Bay, Southeast Alaska**

Chief of Party: **R. H. Houlder, (1964)**

Plane of reference is **mean lower low water**

Tide Station Used (Form C&GS-681): **Bartlett Cove, Glacier Bay, Alaska**

Height of Mean High Water above Plane of Reference is as follows: 13.5 feet

Remarks

G. M. Symons
Chief, Tides and Currents Branch

USCOMM-DC 6660-P64

# ABSTRACT OF ECHO CORRECTIONS

LJ-20-1-64
LJ-10-2-64

Launch #1192
Fathometer Type DE-723
Fathometer Serial #530

| DEPTH (fms) | CORRECTION (fms) |
|---|---|
| 0.0 - 6.5 | +0.1 |
| 6.6 - 14.0 | +0.2 |
| 14.1 - 21.0 | +0.3 |
| 21.1 - 28.0 | +0.4 |
| 28.1 -36.0 | +0.5 |

Corrections for LJ-20-1-64 to be applied from 31 May through 22 June 1964.

Corrections for LJ-10-2-64 to be applied from 29 May through 20 June 1964.

# LIST OF SIGNALS

LJ-10-2-64

| NAME | SOURCE OR ORIGIN |
|---|---|
| DED | LJ-B-64 |
| IVY | LJ-B-64 |
| KIL | Hydro signal;Pg.40,Vol. 1, LJ-10-2-64 |
| NOT | LJ-B-64 |
| REK | LJ-B-64 |
| STAVE | STAVE, 1938 |
| WEST | PT. GUSTAVUS WEST BASE, 1923 |

LJ-20-1-64

| | |
|---|---|
| ADO | T-12644 D |
| BAT | T-12644 D |
| BEN | T-12644 ID |
| BEST | BEST, 1938 (T-12642 ID) |
| COVE | COVE, 1938 (T-12643 D) |
| DED | LJ-B-64 |
| IVY | LJ-B-64 |
| KIL | Hydro signal;Pg.40,Vol. 1, LJ-10-2-64 |
| MAC | T-12644 D |
| NOT | LJ-B-64 |
| OFF | T-12644 ID |
| REK | LJ-B-64 |
| SAM | T-12642 D |
| STAVE | STAVE, 1938 |
| TELL | TELL, 1938 (T-12644 D) |
| WEST | PT. GUSTAVUS WEST BASE, 1923 |

Note: D . indicates pricked directly
ID indicates pricked indirectly

GEOGRAPHIC NAMES PENCILED ON H-8816

ANCON ROCK

BARTLETT COVE

PT. GUSTAVUS

GLACIER BAY

ICY STRAIT

FORM 197
(3-16-55)

# GEOGRAPHIC NAMES

Survey No. H-8816

| Name on Survey | A On Chart No. | B On previous survey No. | C On U. S. quadrangle Maps | D From local information | E On local Maps | F P. O. Guide or Map | G Rand McNally Atlas | H U. S. Light List | K | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ancon Rock | | | | | | | | | | 1 |
| Bartlett Cove | | | | | | | | | | 2 |
| Glacier Bay | | | | | | | | | | 3 |
| Icy Passage | | | | | | | | | | 4 |
| Icy Strait | | | | | | | | | | 5 |
| Lester Island | | | | | | | | | | 6 |
| Point Gustavus | | | | | | | | | | 7 |
| | | | | | | | | | | 8 |
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| | | | | | | | | | | 20 |
| | | | | | PREPARED BY | | | | | 21 |
| | | | | | Francis W. Pickett | | | | | 22 |
| | | | | | CARTOGRAPHIC TECHNICIAN | | | | | 23 |
| | | | | | | | | | | 24 |
| | | | | | APPROVED BY | | | | | 25 |
| | | | | | A. J. Wright | | | | | 26 |
| | | | | | CHIEF GEOGRAPHER | | | | | 27 |

FORM C&GS-946
(REV. 11-65)
(PRESC. BY HYDROGRAPHIC MANUAL 20-2, 6-94, 7-13)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY
NAUTICAL CHART DIVISION

# HYDROGRAPHIC SURVEY STATISTICS (LJ-20-1-64)

## HYDROGRAPHIC SURVEY NO. H-8816 (LJ-10-2-64)

**RECORDS ACCOMPANYING SURVEY:** To be completed when survey is registered.

| RECORD DESCRIPTION | AMOUNT | RECORD DESCRIPTION | AMOUNT |
|---|---|---|---|
| SMOOTH SHEET | One | BOAT SHEETS | One |
| DESCRIPTIVE REPORT | One | OVERLAYS | One |

| DESCRIPTION | DEPTH RECORDS | HORIZ. CONT. RECORDS | PRINTOUTS | TAPE ROLLS | PUNCHED CARDS | ABSTRACTS/ SOURCE DOCUMENTS |
|---|---|---|---|---|---|---|
| ENVELOPES | XX | | | | | |
| CAHIERS | 1 | | | | | |
| VOLUMES | 6 | | | | | |
| BOXES | | | | | | |

T-SHEET PRINTS (List) T-12642 ; T-12643 and T-12644

SPECIAL REPORTS (List)

## OFFICE PROCESSING ACTIVITIES

The following statistics will be submitted with the cartographer's report on the survey

| PROCESSING ACTIVITY | AMOUNTS | | | |
|---|---|---|---|---|
| | PRE-VERIFICATION | VERIFICATION | REVIEW | TOTALS |
| POSITIONS ON SHEET | | | | 950 |
| POSITIONS CHECKED | | 550 | | |
| POSITIONS REVISED | | 74 | | |
| DEPTH SOUNDINGS REVISED | | 76 | | |
| DEPTH SOUNDINGS ERRONEOUSLY SPACED | | 139 | | |
| SIGNALS ERRONEOUSLY PLOTTED OR TRANSFERRED | | 4 | | |
| | TIME (MANHOURS) | | | |
| TOPOGRAPHIC DETAILS (Geo Names | | 2 | | |
| JUNCTIONS | | 8 | | |
| VERIFICATION OF SOUNDINGS FROM GRAPHIC RECORDS | | 17 | | |
| SPECIAL ADJUSTMENTS Signals moved Ivy, Rec, Ded, Kil | | 14 | | |
| ALL OTHER WORK | | 76 | | |
| TOTALS | | 122 | | |

| | | |
|---|---|---|
| PRE-VERIFICATION BY | BEGINNING DATE | ENDING DATE |
| VERIFICATION BY Cornelius A.J. Paur | BEGINNING DATE Oct 28 1966 | ENDING DATE Nov 28, 1966 |
| REVIEW BY | BEGINNING DATE | ENDING DATE |

USCOMM-DC 36271-P65

FORM C&GS-946A
(REV. 2-1-64)
(PRES. BY HYDROGRAPHIC MANUAL, 6-94)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

# VERIFIER'S REPORT

## HYDROGRAPHIC SURVEY, H-8816 (LJ-20-1-64) (LJ-10-2-64)

**INSTRUCTIONS** - This form serves to identify items of a check list in verification together with items which are separately reported to the Reviewer. The form is not to be forwarded to the Reviewer. A report, which is prepared for the Reviewer, should identify items by number and letter and will be filed in the Descriptive Report until the survey is reviewed.

**CL - Check List Items:** should be checked as having been completed during the verification processes.

**R - Report Item:** This column refers to those items reported to the reviewer and is used to indicate the items discussed.

| Part I - DESCRIPTIVE REPORT | CL | R |
|---|---|---|
| **Note:** The verifier should first read the Descriptive Report for general information and problems. | | |
| 1. The Descriptive Report was consulted, paragraphs checked if found satisfactory, and notations were made in soft black pencil regarding action taken.<br>Remarks Required: -- None | ✓ | |
| 2. Soundings originating with the survey and mentioned in the Descriptive Report have been verified and checked in soft black pencil, including latitude and longitude, together with position identification.<br>Remarks Required: --None | Not Appli Cable | |
| 3. All reference to survey sheets mentioned in the Descriptive Report should include registry number and year.<br>Remarks Required: -- None | ✓ | |
| **Part II - SHORELINE AND SIGNALS** | T-12642 | |
| 4. Source of shoreline signals<br>Remarks Required: -- List all surveys | 643 644 | |
| a. Give earliest and latest dates of photographs | and | |
| b. Field inspection date | Topo | |
| c. Field Edit date | Plane | |
| d. Reviewed-Unreviewed | Table 2-8 | |
| 5. The transfer of contemporary topographic information was carefully examined and reconciled with the hydrography.<br>Remarks Required: -- Discuss remaining differences. | ✓ | |
| 6. The plotting of all triangulation stations, topographic stations and hydrographic signals has been checked and noted in processing stamp No. 42 on the smooth sheet.<br>Remarks Required: -- None | ✓ | |
| 7. Objects on which signals are located and which fall outside of the high-water line have been described on the sheet.<br>Remarks Required: -- List those signals still unidentified. | None | |
| **Part III - JUNCTIONS**<br>**Note:** Make a cursory comparison preliminary to inking soundings in area of overlap. | | |
| 8. All junctions of contemporary or overlapping sheets were transferred in colored ink and overlapping curves were made identical.<br>Remarks Required: -- None | ✓ | |
| 9. The notation in slanted lettering "JOINS H----(19 )" was added in colored ink for all verified contemporary adjoining or overlapping sheets. Those not verified are shown in pencil.<br>Remarks Required: -- None | ✓ | |

| Part III - JUNCTIONS (Continued) | CL | R |
|---|---|---|
| 10. Junctions with contemporary surveys were satisfactory except as follows:<br>Remarks Required: -- Consider conditions after adjustments have been made; note adjustments made. Make special notes of Butt junctions and areas which are **SUPERSEDED.** | Satisfactory | |
| **Part IV - VOLUMES** | | |
| 11. All items affecting the plotting of the survey which are entered in the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken and exceptions noted in the volumes.<br>Remarks Required: -- None | ✓ | |
| 12. Condition of sounding records was satisfactory except as follows:<br>Remarks Required: -- Mention deficiencies in completeness of notes or actions for the following: | | |
| (a) rocks | ✓ | |
| (b) line turns | | |
| (c) position values of beginning and ending of lines | ✓ | |
| (d) bar check or velocity correctors | ✓ | |
| (e) time recording | ✓ | |
| (f) notes or markings on fathograms | ✓ | |
| (g) was reduction of soundings accurately done? | ✓ | |
| (h) was scanning accurate? | fairly | |
| (i) were peaks at uneven intervals missed? | Some | |
| (j) were stamps completed? | Not all | |
| (k) references to adjacent features (references to kelp were overlooked in verification) | none | kelp |
| **Part V - PROTRACTING** | | |
| 13. All positions verified instrumentally were check marked in color in the sounding records, and verifier initialed the processing stamp.<br>Remarks Required: -- None<br>17 position were revised | ✓ | |
| 14. The protracting and plotting of all unsatisfactory crossings were verified.<br>Remarks Required: -- None | ✓ | |
| 15. All detached positions locating critical soundings, rocks, buoys, breakers, obstructions, kelp, etc., were verified and the position numbers are legible.<br>Remarks Required: -- None | ✓ | |

USCOMM-DC 6623-P64

| Part V - PROTRACTING (Continued) | CL | R |
|---|---|---|
| 16. The protracting was satisfactory except as follows:<br>Remarks Required: -- Refers to protracting in general except for specific faults repeated often, or faults in control information, which required considerable replotting or adjustments. | | 16 hrs replotted |
| 17. The protractor has been checked within the last three months.<br>Remarks Required: -- Date of check, type of protractor and number. Courts Oct 28 '66 | ✓ | |
| **Part VI - SOUNDINGS** | | |
| 18. All soundings are clear and legible, and critical soundings are a little larger than adjacent soundings.<br>Remarks Required: -- None | ✓ | |
| 19. Sounding line crossings were satisfactory except as follows:<br>Remarks Required: -- Discuss adjustments. | Satisfactory | |
| 20. The spacing of soundings as recorded in the records was closely followed;<br>Remarks Required: -- None<br>134 Sounding were respaced | Poor | |
| 21. The scanning, reduction, spacing, plotting of questionable soundings have been verified.<br>Remarks Required: -- None | ✓ | |
| 22. The smooth plotting of soundings was satisfactory except as follows:<br>Remarks Required: -- Refer to legibility, errors in spacing, and errors in numbers - but not to errors in scanning.<br>Smooth Plotted sounding were much too large (about 4 m.m.) | Poor | |
| **Part VII - CURVES** | | |
| 23. The depth curves have been inspected before inking.<br>Remarks Required: -- By whom was the penciled curves inspected. W.M.M. | ✓ | Some omitted curves were overlooked |
| 24. The low-water line and delineation of shoal areas have been properly shown in accordance with the following:<br>a. From T-Sheet in dotted black lines<br>b. From soundings in orange<br>c. Approximate position of sketched curve is dashed orange<br>d. Approximate position of shoal area not sounded in black dashed<br>Remarks Required: -- None | <br><br>✓<br>✓<br>No | |
| 25. Depth curves were satisfactory except as follows:<br>(This statement should not refer to the manner in which the curves were drawn).<br>Remarks Required: -- Indicate areas where curves could not be drawn completely because of lack of soundings. For some inshore areas a general statement is sufficient. | ✓ | |

| Part VIII - AIDS TO NAVIGATION | CL | R |
|---|---|---|
| 26. All fixed aids located together with those on the contemporary topographic sheets, have been shown on the survey.<br>No fixed Aid on this Sheet.<br>Remarks Required: -- Conflicts of any nature listed. | | |
| 27. All floating aids listed in the Descriptive Report should be verified and checked in soft black pencil, including latitude and longitude and position identification.<br>Remarks Required: -- None | ✓ | |
| **Part IX - BOATSHEET** | | |
| 28. The boat sheet was constantly compared with the smooth sheet with reference to notes, position of sounding lines and supplemental information.<br>Remarks Required: -- None | ✓ | |
| 29. Heights of rocks awash were correctly reduced and compared with topographic information.<br>Remarks Required: -- Note excessive conflicts with topographic information. | ✓ | |
| **Part X - GENERAL** | | |
| 30. All information on the sheet is shown in accordance with figures 82 and 83 in the Hydrographic Manual (Pub. 20-2).<br>Remarks Required: -- None | ✓ | |
| 31. Unnecessary pencil notes have been removed from the sheet.<br>Remarks Required: -- None | ✓ | |
| 32. Degree, minute values and symbols have been checked; also electronic distance arcs have been properly identified and checked on the smooth sheet.<br>Remarks Required: -- None | ✓ | |
| 33. The bottom characteristics are adequately shown.<br>Remarks Required: -- None | ✓ | |
| **Part XI - NOTES TO THE REVIEWER** | | |
| 34. Unresolved discrepancies and questionable soundings. | None | |
| 35. Notation of discrepancies with photogrammetric survey inserted in report of unreviewed photogrammetric survey or on copy. | None | |
| 36. Supplemental information. | None | |

Verified by Cornelius A.J. Pacus

Date Nov. 28 1966

H-8816 (LJ-10-2-64)

| Day | No Positions | No Pos. Ved | No. Pos. Corr. | Volume | Remarks |
|---|---|---|---|---|---|
| a | 145 | 55+7 | 1+1 | I | +7 detached positions<br>many changes in speed of launch |
| b | 82 | 32 | | I | many changes in speed + short lines |
| c | 68 | 27 | 1 | II | short lines |
| d | 18 | 8 | | II | ditto |
| e | 44 | 20 | 1 | III | ditto |
| f | 25 | 16 | | III | |
| | 382 | 165 | 4 | | |

H-8816 (L.J. -20-1-64)

| Day | No Position | No Pos Used | No. Pos Corr. | Volume | Remarks |
|---|---|---|---|---|---|
| a | 94 | 30 | 1 | I | |
| b | 131 | 36 / 5 } | 41 | 0 | I & II |
| c | 87 | 11 | 36 | 7 | II | Several Times Signals Ded and West were interchanged by smooth plotter. |
| d | 20 | 10 | 0 | II | |
| e | 85 | 31 | III | 4 | II |
| f | 43 | 13 | 0 | III | |
| g | 97 | 33 | 2 | III | |
| | 557 | | | | |
| A | 11 | 11 | 0 | III | |
| | 568 | 205 | 8 | | |
| | 382 | 165 | 13 | | |
| | 950 | 370 | 17 | | |

* *

Approval Sheet

The smooth sheet has been inspected and meets the requirements of the Hydrographic Manual. (Note: Exceptions are noted in the verifier's report.)

Examined and Approved

William M. Martin

William M. Martin
Supervisory Carto. Tech.

Approved and Forwarded

K. William Jeffers

K. William Jeffers, CDR, USESSA
Acting Chief, Processing Division, PMC

cat 1

(3-25-63)

NAUTICAL CHART DIVISION

# RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. H-8816

## INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

| CHART | DATE | CARTOGRAPHER | REMARKS |
|---|---|---|---|
| 8202 | 8-11-70 | B Fernandes | ~~Full~~ Part [redacted] After Verification Before Review Inspection Signed Via |
| | | | Drawing No. A |
| | | | |
| 8304 | 1-26-71 | E. Frey | ~~Full~~ Part ~~Before~~ After Verification before Review Inspection Signed Via |
| | | | Drawing No. 12 Critical corrections only |
| | | | |
| 17318 | 4/30/74 | L.J. Borawski | ~~Full~~ Part Before [redacted] Review Inspection Signed Via |
| | | | Drawing No. App'd to reflect shoaler conditions |
| | | Adag | Applied on 4. |
| 17318 | 5/24/90 | L Ackerman | ~~Full Part Before~~ After Verification Review Inspection Signed Via |
| | | | Drawing No. #3 |
| | | | |
| 17302 | 7-23-91 | WJ Stig | Adequate AFTER |
| | | | ~~Full Part Before After~~ Verification ~~Review Inspection~~ Signed Via |
| | | | Drawing No. 17 No Correction |
| | | | |
| 17318 | 5-19-92 | A Clem | Full ~~Part Before~~ After Verification Review Inspection Signed Via |
| | | | Drawing No. 4 No correction |
| | | | |
| | | | Full Part Before After Verification Review Inspection Signed Via |
| | | | Drawing No. |
| | | | |
| | | | Full Part Before After Verification Review Inspection Signed Via |
| | | | Drawing No. |
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| | | | Full Part Before After Verification Review Inspection Signed Via |
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| | | | Full Part Before After Verification Review Inspection Signed Via |
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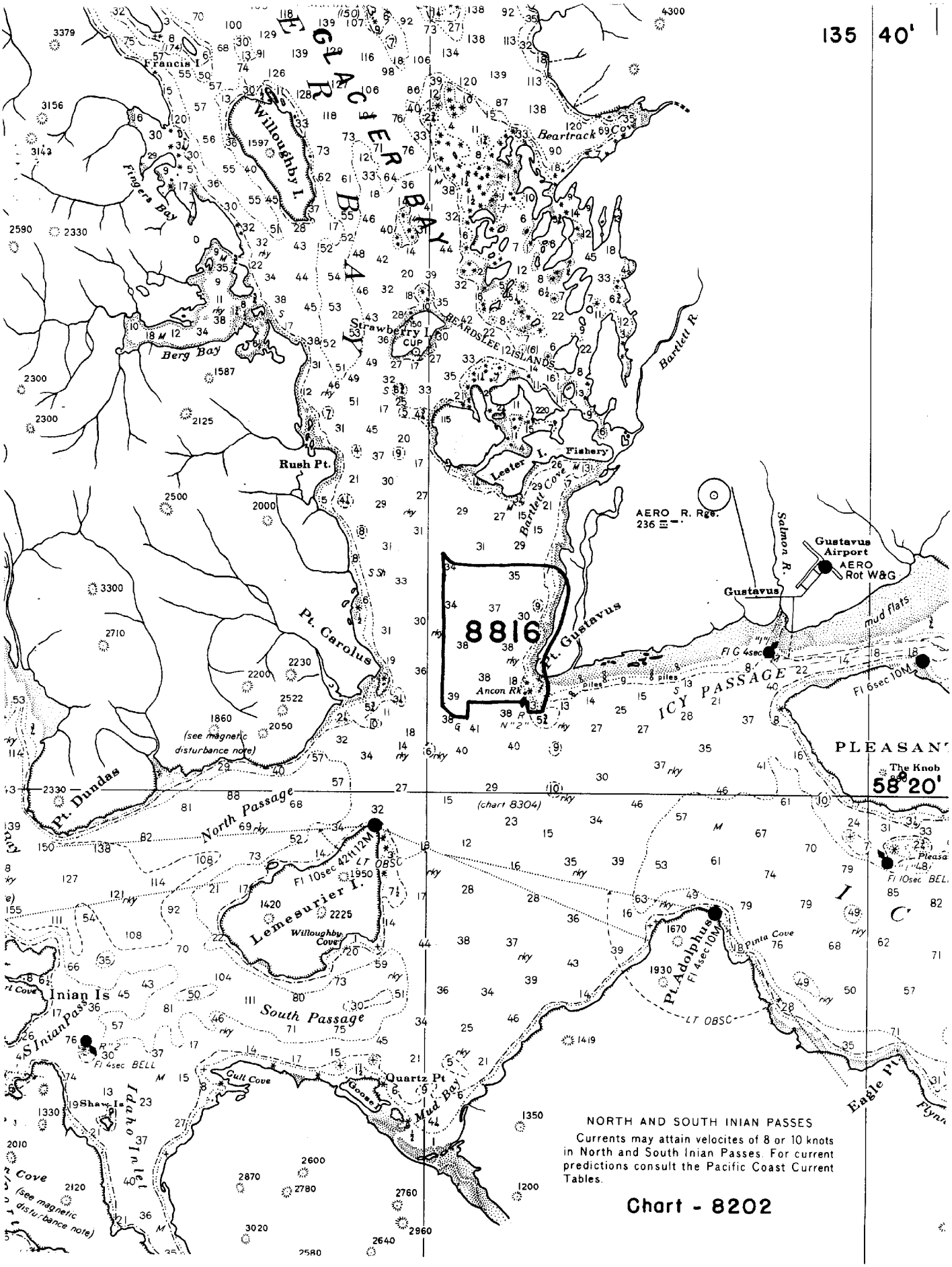
FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63


135 40'
58 20'
GLACIER BAY
Willoughby I.
Beartrack Cove
Fingers Bay
Strawberry I.
BEARDSLEE ISLANDS
Bartlett R.
Berg Bay
Rush Pt.
Lester I.
Fishery
Bartlett Cove
AERO R. Rge.
236
Salmon R.
Gustavus Airport
AERO Rot W&G
Gustavus
8816
Pt. Carolus
Pt. Gustavus
mud flats
ICY PASSAGE
Fl G 4sec
Fl 6sec 10M
Ancon Rk
(see magnetic disturbance note)
Pt. Dundas
North Passage
(chart 8304)
PLEASANT I.
The Knob
Fl 10sec 42ft 12M
LT OBSC
Lemesurier I.
Willoughby Cove
Pt. Adolphus
Fl 4sec 10M
Pinta Cove
Inian Is
Inian Pass
South Passage
Fl 4sec BELL
Gull Cove
Quartz Pt
Goose
Mud Bay
Shaw Is
Idaho Inlet
Eagle Pt
Flynn
NORTH AND SOUTH INIAN PASSES
Currents may attain velocites of 8 or 10 knots in North and South Inian Passes. For current predictions consult the Pacific Coast Current Tables.
Chart - 8202

H-8816

✓ Ordered-2-18-80

✓T-12642
✓T-12643
✓T-12644
✓ Planetable LI-B-64
✓ T-6627-1120,000 (1938)

678-9419 - Geraldine Davis

Junctions - ✓H-8815-1:10,000-1964
✓H-9638-1:5,000-1976

Priors ✓H-6339-1:20,000-(1938)
✓H-4310 WD: 1:40,000-1923

Chincoteague
NJ-18-8
15 Rickenbacker Causeway
33149