

11714

ORIGINAL

11714

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY DESCRIPTIVE REPORT	
<i>Type of Survey</i> SHORELINE (PHOTOGRAMMETRIC)	
<i>Field No.</i> <i>Office No.</i> T-11714	
LOCALITY	
<i>State</i> ALASKA	
<i>General locality</i> SPRUCE ISLAND	
<i>Locality</i> OUZINKIE	
<hr/> 19 67 - 68	
CHIEF OF PARTY A.L. Powell, Dir., Atlantic Marine Center	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T- 11714

PROJECT NO. (II): <p style="text-align: center;">PH-6802</p>			
FIELD OFFICE (II): <p style="text-align: center;">Pacific Marine Center, Seattle, Washington</p>		CHIEF OF PARTY <p style="text-align: center;">G. L. Short, Chief, Operations</p>	
PHOTOGRAMMETRIC OFFICE (III): <p style="text-align: center;">Atlantic Marine Center, Norfolk, Virginia</p>		OFFICER-IN-CHARGE <p style="text-align: center;">Allen L. Powell, Director, A. M. C.</p>	
INSTRUCTIONS DATED (II) (III): <p style="text-align: center;">Field - Sept. 6, 1967 Aerotriangulation - Nov. 9, 1967 Office Compilation - Jan. 8, 1968 Office Compilation - Amendment I - Jan. 19, 1968 Office Compilation - Amendment II - Mar. 7, 1968</p>			
METHOD OF COMPILATION (III): <p style="text-align: center;">Wild B-8</p>			
MANUSCRIPT SCALE (III): <p style="text-align: center;">1:10,000</p>		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): <p style="text-align: center;">1:3,333 pantographed to 1:10,000</p>	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.		DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): <p style="text-align: center;">N. A. 1927</p>		VERTICAL DATUM (III): <u>MLW</u> MEAN LOWER LOW WATER EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., MEAN LOWER LOW WATER mean lower low water	
REFERENCE STATION (III): <p style="text-align: center;">PASS 1907</p>			
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
57° 54' 52.005" (1608.9 m)	152° 31' 08.150" (134.2 m)		
PLANE COORDINATES (IV):		STATE	ZONE
Y = 1,432,940.89 Ft. X = 787,988.06 Ft.		Alaska	5
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.			

FORM C&GS-181b
(12-67)U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-11714

FIELD INSPECTION BY (II): Robert B. Melby		DATE: Sept. 1967
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation - July 27, 1967		
PROJECTION AND GRIDS RULED BY (IV): A. Bethea		DATE 01-19-68
PROJECTION AND GRIDS CHECKED BY (IV): L. F. Van Scoy		DATE 01-22-68
CONTROL PLOTTED BY (III): R. Wilson		DATE 01-10-68
CONTROL CHECKED BY (III): J. Steinberg		DATE 01-10-68
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins		DATE 12-21-67
STEREOSCOPIC INSTRUMENT COMPILATION (III): WILD B-8	PLANIMETRY A. L. Shands	DATE 03-10-68
	REVIEWED BY: L. O. Neterer	DATE 03-10-68
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): A. L. Shands		DATE 03-02-68
SCRIBING BY (III): R. E. Smith		DATE 09-25-68
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): COMPILATION: C. Bishop FIELD EDIT: C. Bishop SCRIBING & STICK-UP: C. Bishop & R. E. Smith		DATE 03-68 09-68 10-21-68
REMARKS: FIELD EDIT BY: William R. Cameron		06-68

DESCRIPTIVE REPORT - DATA RECORD
T-11714

CAMERA (KIND OR SOURCE) (III):

WILD RC-8 "L"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
67L-4626-4633	07-27-67	1444	1:20,000	5.8' above MLLW

PREDICTED

TIDE (III)

DIURNAL

	RATIO OF RANGES	MEAN RANGE	EXTREME RANGE
REFERENCE STATION: Kodiak, Kodiak Harbor, Alaska		6.6	8.5
SUBORDINATE STATION: Uzinki, Spruce Is., Alaska		7.0	9.0
SUBORDINATE STATION:			

NORFOLK
WASHINGTON OFFICE REVIEW BY (IV): **C. BISHOP**

DATE:
MAY 1970

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): **6**

RECOVERED:
6

IDENTIFIED:
4*

NUMBER OF BM(S) SEARCHED FOR (II): **0**

RECOVERED:
0

IDENTIFIED
0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): **3 * ***

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): **9 (not identified)**

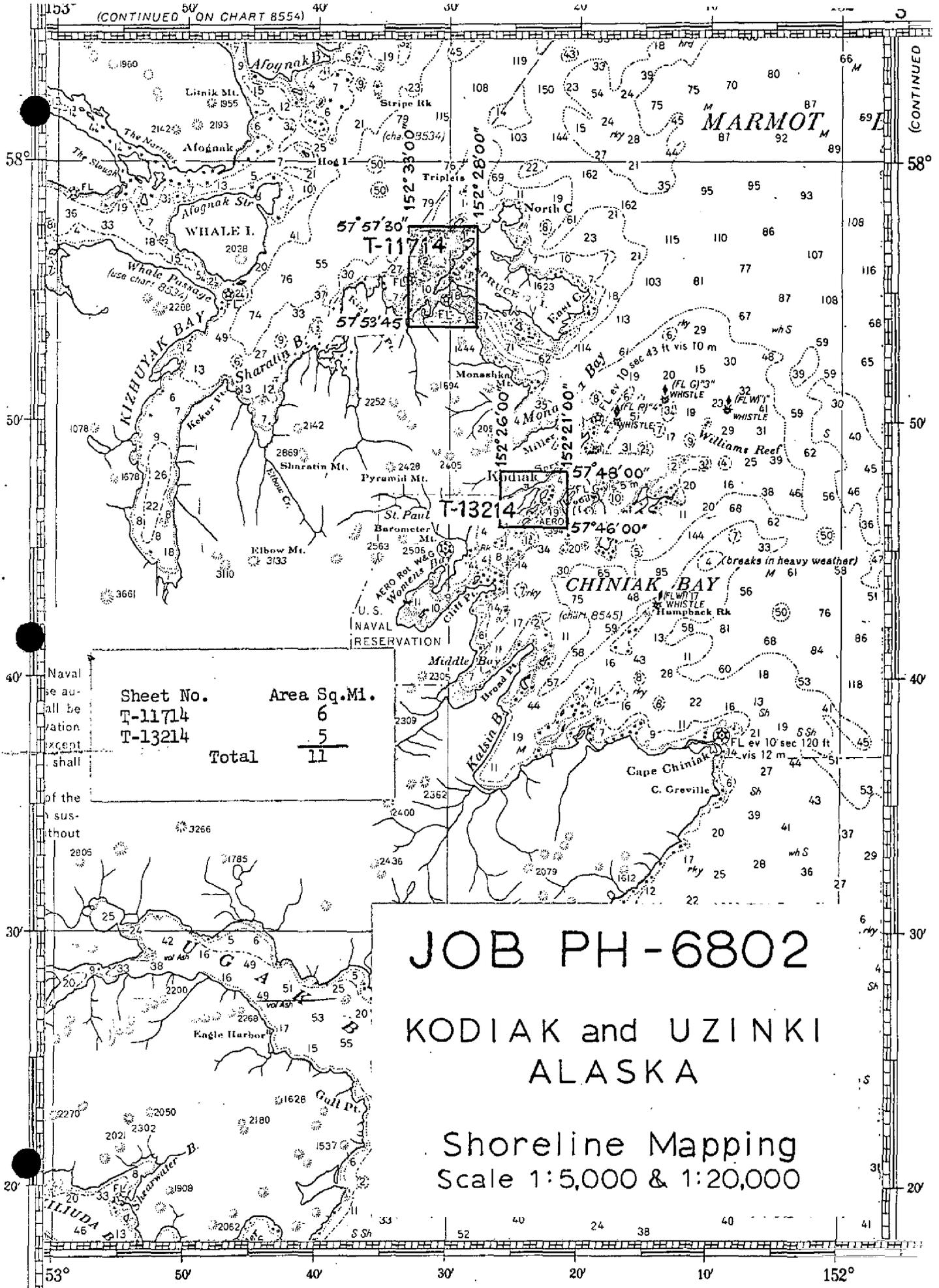
REMARKS:

***Identified on photos 67L-4627, 4629, 4630, & 4632 (Contact)**

****Identified on photos 67L-4629 & 4630 (Contact)**

T-11714

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for hydro.	03/68	Superseded
Field Edit applied. Compilation complete.	08/68	Superseded
Revised after Final Review	April 1970	



Sheet No.	Area Sq.Mi.
T-11714	6
T-13214	5
Total	11

JOB PH-6802
KODIAK and UZINKU
ALASKA
 Shoreline Mapping
 Scale 1:5,000 & 1:20,000

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(CONTINUED)

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11714

Shoreline manuscript T-11714, scale 1:10,000, is one of two manuscripts that comprise Project PH-6802, which is located on the northeast side of Kodiak Island, Alaska, and includes part of Spruce Island. T-11714 does not have a junction with T-13214, the other map in the project. The sketch on page 5 shows the relative position of the two maps.

This is a stereo-instrument job in advance of hydrographic surveys of the area. Field work consisted of identification of horizontal control and of hydrographic signal sites to be located during compilation. A stereo-planigraph bridge was run in the Rockville Office, using 1:20,000 scale RC-8 photography of July 27, 1967. Compilation was by Wild B-8 methods, using the same photography.

Land areas at the northeast corner of the map, at the southeast corner, and an islet on which station SMALL 1933 is located were not mapped because of lack of photographic coverage.

Cronaflex copies of the manuscript, ozalid copies, and specially prepared photographs were subsequently provided for preparation of boat sheets, location of photo-hydro signals, and field edit use.

The map area south of Latitude $57^{\circ} 56.2'$ was edited in June 1968. The limit of the hydrographic survey did not extend north of this limit and it was not edited. Field edit was recorded on an ozalid print and matte ratio photographs 67 L 4628, 4630 and 4631.

Final review was done at the Atlantic Marine Center during April 1970.

The compilation manuscript was a vinylite sheet $3 \frac{3}{4}$ minutes in latitude and 5 minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.

FIELD INSPECTION REPORT
 Project PH-6802
 Map Manuscripts T-11714 and T-13214
 Vicinity of Kodiak and Uzinki, Alaska
 September, 1967

2. Areal Field Inspection:

The areas contained in this report are common to the City of Kodiak and Uzinki Narrows.

The quality of the photography furnished the field unit was considered adequate for the identification of the required horizontal control.

3. Horizontal Control:

(a) Supplemental control was established by triangulation methods to fulfill horizontal control identification requirements and to locate two permanent, fixed aids to navigation.

(b) No datum adjustments were made by the field party. The positions of all the stations established were computed on Alaska Zone 5, Traverse Mercator, Plane Coordinates.

(c) Only control established by the Coast and Geodetic Survey was searched for or recovered except two horizontal control stations in the vicinity of the City of Kodiak. These stations had been set by a local engineering firm and were occupied and tied to the existing triangulation as established by the Bureau. One of these stations was photo-identified.

(d) All horizontal control required by the project instructions for stereoplanigraph bridging was positively identified.

(g) The Public Works Office, Kodiak Naval Station stated they were unable to obtain satisfactory azimuth checks at station CHINAK SOUTHWEST BASE 1907 when observations involved station ABBERT, 1933. Our field observations confirmed their findings. Station ABBERT had been previously located by triangulation intersection and the line between it and CHINIAK SOUTHWEST BASE was determined by an inverse position computation. ABBERT was occupied and its position was redetermined.

9. Landmarks and Aids:

(a) The alongshore landmarks for charts were investigated and Form 567's are submitted, recommending the charting disposition of each feature.

Several of the fixed aids to navigation and landmarks were located by photogrammetric methods. One landmark and two fixed aids to

navigation were determined by triangulation intersection methods. It is requested their positions as computed in the field on plane coordinates be converted to geographic positions and entered on their respective Form 567.

11. Other Control:

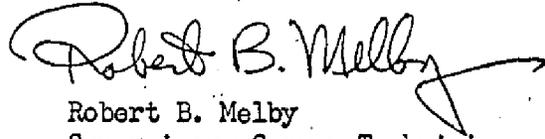
On the shoreline adjacent to the City of Kodiak, photo-hydro signals in the form of natural or cultural objects were selected and identified on the field photography. This will permit the location of these hydro signals during compilation.

13. Geographic Names:

A geographic-names investigation was not required by the project instructions.

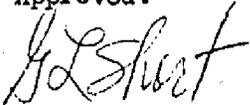
One name was found to be indispute in spelling: The village of Uzinki (Uzinkie) is spelled several ways. Apparently the local residents prefer the spelling Uzinkie to Uzinki. The Post Office uses the name Uzinkie. According to local sources, the name means the "narrows". The pronunciation is the same for both spellings - Uzinki. It is recommended the name of the village be spelled Uzinkie.

Respectfully Submitted,



Robert B. Melby
Supervisory Survey Technician
Coast and Geodetic Survey

Approved:

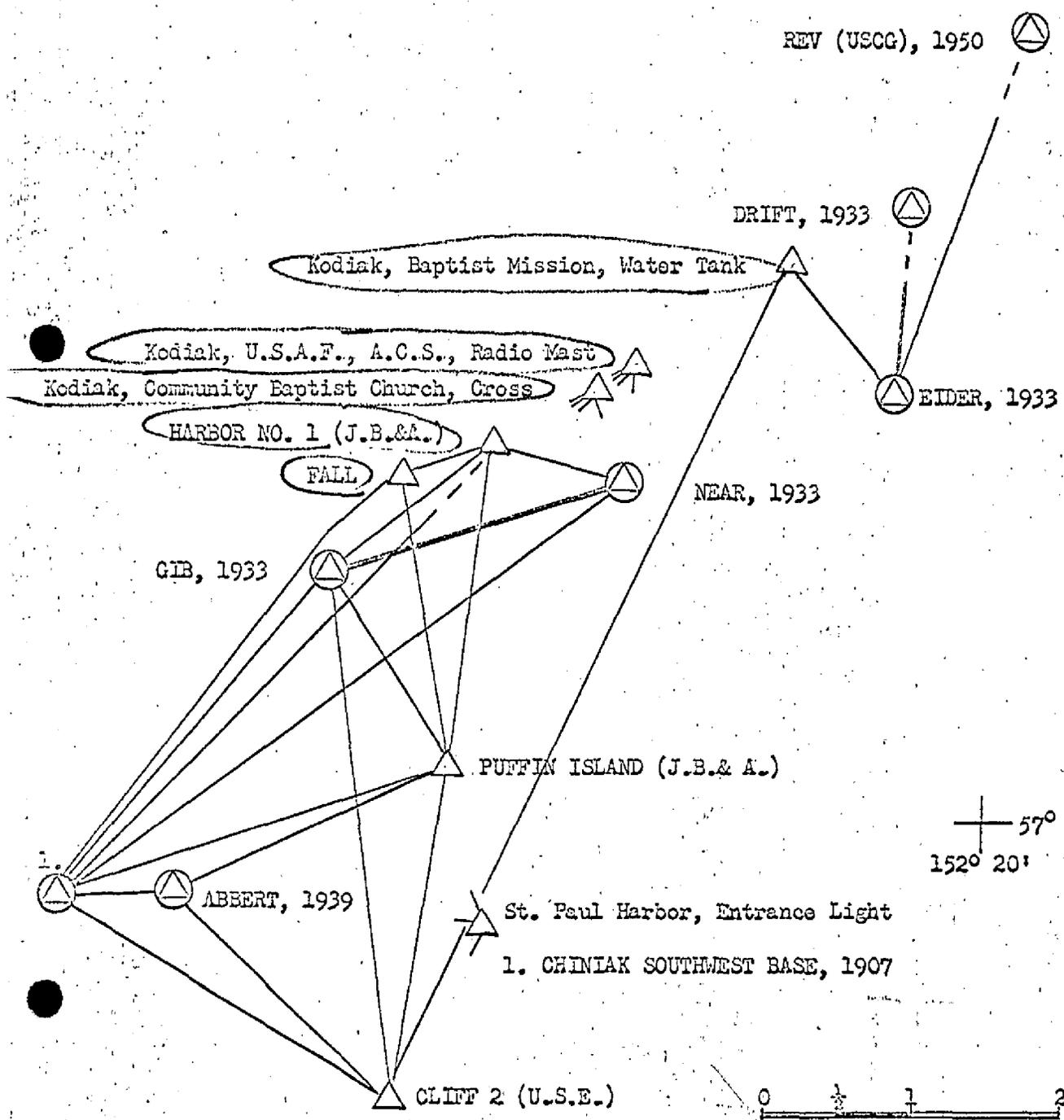


G. L. Short, CDR USESSA
Chief, Operations Division
Pacific Marine Center

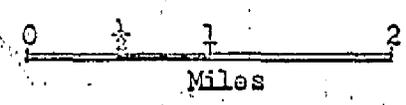
Coast & Geodetic Survey
 James C. Tison Director
 Progress Sketch
 Project Ph-6802
 Sept 1967
 Kodiak Island, Alaska
 R. B. Melby Chief of Party

57° 50'
 152° 25'

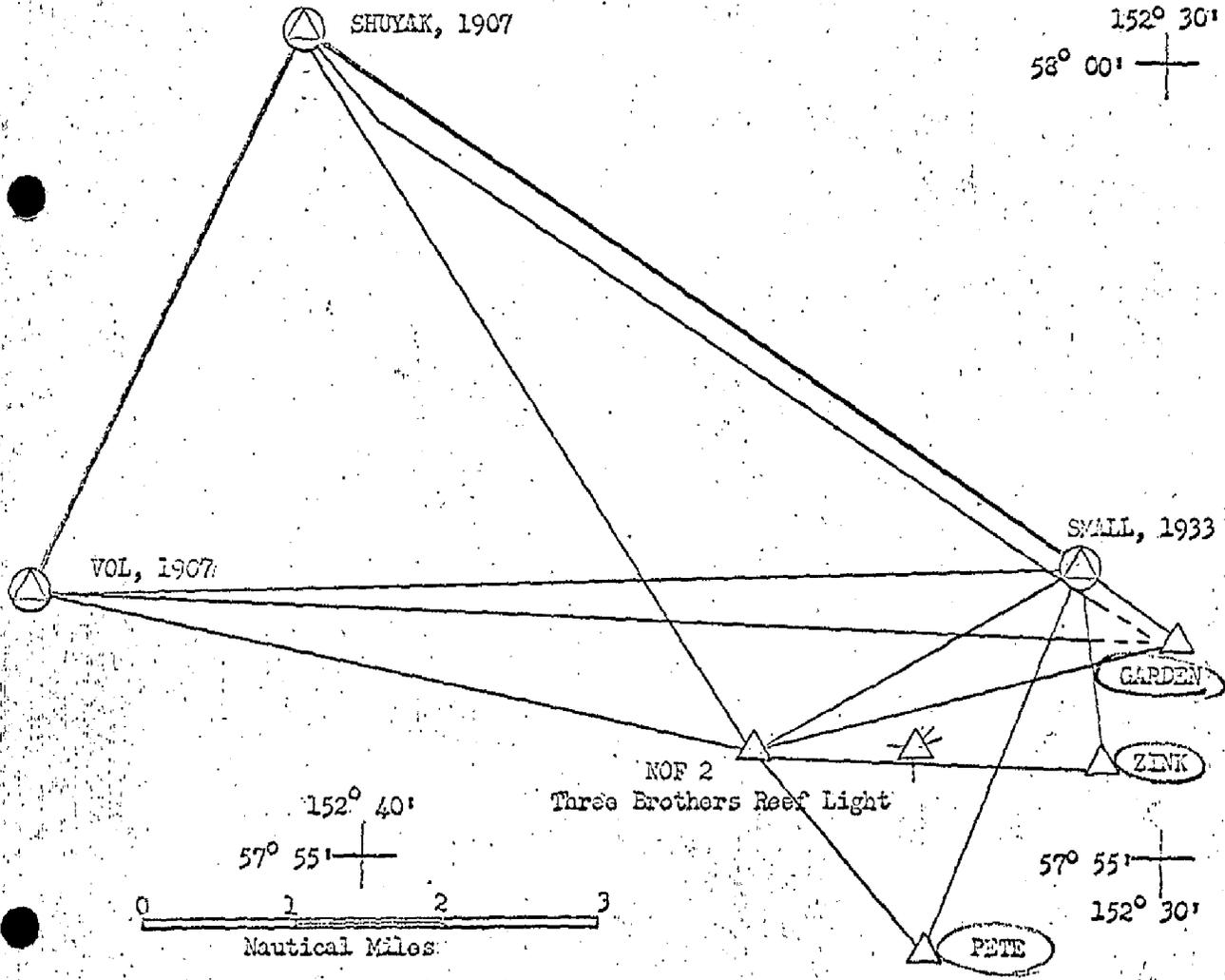
57° 50'
 152° 20'



57° 45'
 152° 20'



Coast & Geodetic Survey
 James C. Tison Director
 Progress Sketch
 Project Ph-6802
 Sept 1967
 Marmot Bay, Alaska
 R. B. Melby Chief of Party



11

Aerotriangulation Report
Project 6802
Kodiak & Uzinki, Alaska
December 21, 1967

21. Area Covered

This report covers the area in and around the town of Kodiak on the eastern side of Kodiak Island and the area around the settlement of Uzinki which is located on Spruce Island, just north of Kodiak Island. The area around Kodiak is covered by T-3214 at 1:50,000 and around Uzinki by T-11714 at 1:20,000.

22. Method

Both strips were bridged on the C-8 Stereoplanigraph and adjusted by IBM 1620. The Kodiak Strip (67-L-4123 thru 4129) was adjusted on five stations while the Uzinki Strip (67-L-4626 thru 4633) was adjusted on four stations.

23. Adequacy of Control

Control was adequate in both quantity and quality and complied with project instructions. All stations held within National Map Accuracy Standards with the exceptions of Pass 1907, SSB & SSC Substation A of Pass 1907 proved to fit well (straight line adjustment) with all other control in the Strip. Since no reason could be found for the discrepancy of SSB & SSC they were dropped from the bridge.

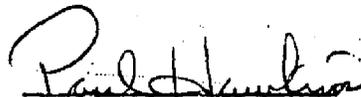
24. Supplemental Data

Field hydro points were positioned, where possible, during bridging operations.

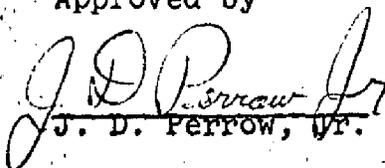
25. Photography

Photography was adequate as to coverage, overlap and definition.

Submitted by


Paul Hawkins

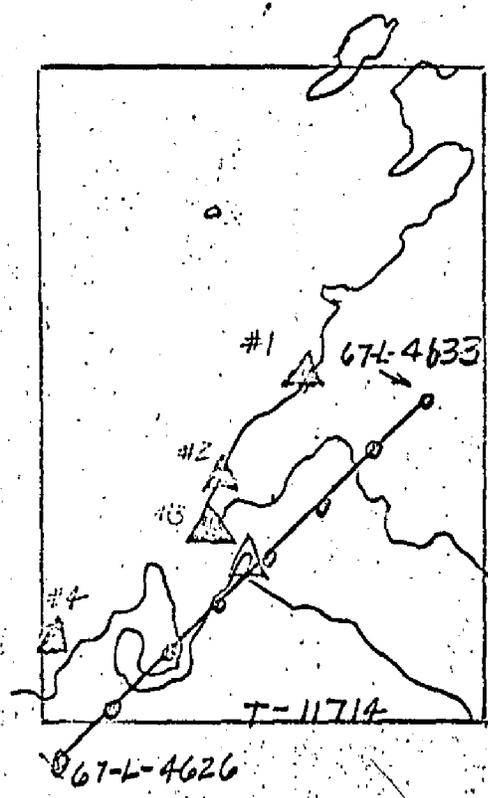
Approved by


J. D. Ferrow, Jr.

PH-6802

UZINKI, ALASKA

Dec 67

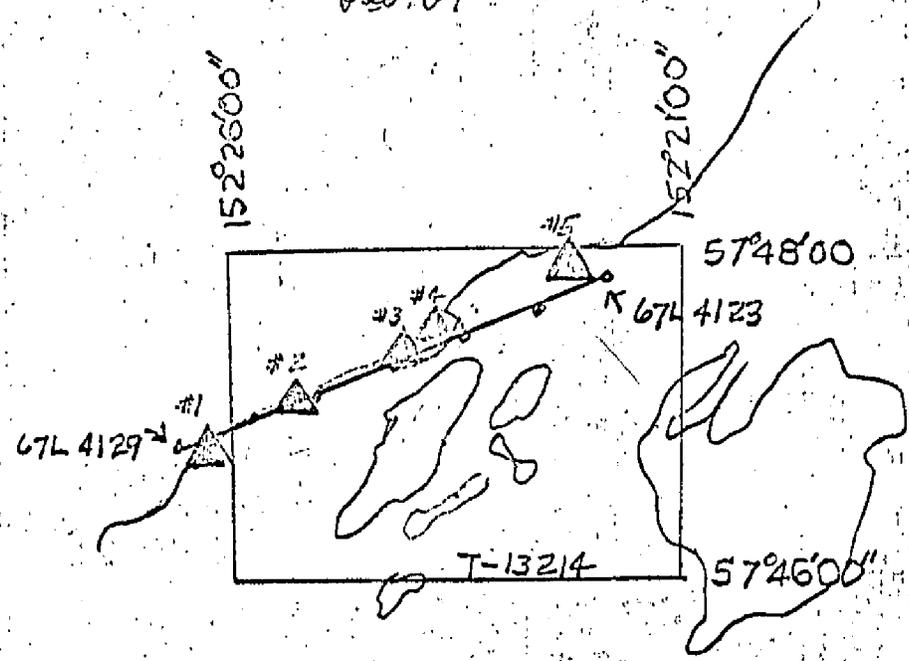


- 1. GARDEN, 1967
- 2. ZINK, 1967
- 3. PASS, 1907
- 4. PETE, 1967

PH-6802

KODIAK, ALASKA

Dec. 67



1. FALL, 1967
2. HARBOR #1 (J.B.N.A) 1967
3. KODIAK COMMUNITY BAPTIST CHURCH CROSS, 1967
4. KODIAK U.S.A.F. ACS RADIO MAST, 1967
5. KODIAK BAPTIST MISSION WATER TANK, 1967

COMPILATION REPORT
MAP MANUSCRIPT T - 11714
PROJECT PH-6802

31. DELINEATION:

The Wild B-8 stereo-plotter was used. Compilation was to the limits of photography which did not cover the entire manuscript. See project instructions.

Field inspection was limited to the town of Ouzinkie for the most part. Consequently there was no field inspection of the mean high water line, rocks, reefs, shallow or foul areas, all of which were compiled from office interpretation of the photographs.

32. CONTROL:

See AEROTRIANGULATION REPORT dated December 21, 1967 and attached to this report. Aerotriangulation points 28310, 30310 and 32310 could not be held. No difficulty was experienced in holding the other points.

33. SUPPLEMENTAL DATA:

None

34. CONTOURS AND DRAINAGE:

Contours are inapplicable.

Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line was not field inspected. It was compiled from office interpretation of photographs taken at a stage of tide 2 feet below mean high water.

No attempt was made to compile the mean lower low water line.

Reefs, shallow lines and ledge limits were compiled from office interpretation of the photographs.

Piling and shoreline structures were compiled from field inspection.

36. OFFSHORE DETAILS:

Offshore details other than the piling and dolphins at Ouzinkie were compiled from office interpretation of the photographs and should be verified by the field editor or hydrographer. See ~~Paragraph 49 - NOTES FOR THE HYDROGRAPHER~~ and notes on the Field Edit Ozalids.

37. LANDMARKS AND AIDS:

One object was selected as a landmark by the field inspector. The position of this object was determined photogrammetrically.

Information on three fixed aids to navigation was given by the field inspector. One was located in the field by triangulation; the other two were identified on field photographs and their positions determined photogrammetrically.

Appropriate copies of Form 567 have been prepared and forwarded to the Washington Office on Sept. 24, 1968.

38. CONTROL FOR FUTURE SURVEYS:

Several points in the IEM readout were identified as hydro points. These points were pre-marked on the ground, but there is no mention of such points in the FIELD INSPECTION REPORT or any other record available to the compilation office. It is believed that these pre-marked points are for some local project not related to the Coast and Geodetic Survey. They were treated by the compiler as pass points, since they were not in locations considered to be suitable for photo-hydro points.

39. JUNCTIONS:

There are no contemporary surveys on the north, east, south, or west sides of this map manuscript.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

Comparison was made with USGS Quadrangle KODIAK (D-2), ALASKA, scale 1:63,360, dated 1949.

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with chart 8534, scale 1:78,900, 3rd Edition, dated .

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Approved and forwarded by:

Allen L. Powell

Allen L. Powell, RADM, USESSA
Director, Atlantic Marine Center

Submitted by:

Arnold L. Shands

Arnold L. Shands
Cartographic Technician

Final Name Sheet
Geographic Names
T-11714

Black Point
Entrance Point
Kodiak Island
Narrow Strait
Neva Cove
Otmeloi Point
Ouzinkie
Prokoda Islet
Spruce Island
Uzinki Point
Uzinki Narrows

Approved by:

A. J. Wraight

A. J. Wraight
Chief Geographer

PREPARED BY

Frank W. Poole

CARTOGRAPHIC TECHNICIAN

49. NOTES FOR THE HYDROGRAPHER:

None.

FORM C&GS-1002 (9-66)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW T-11714			
1. PROJECTION AND GRIDS CHB	2. TITLE CHB	3. MANUSCRIPT NUMBERS CHB	4. MANUSCRIPT SIZE
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CHB	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (<i>Topographic stations</i>) NONE		7. PHOTO HYDRO STATIONS CHB
8. BENCH MARKS NONE	9. PLOTTING OF SEXTANT FIXES CHB (F.E.)	10. PHOTOGRAMMETRIC PLOT REPORT CHB	11. DETAIL POINTS NONE
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE CHB	13. LOW-WATER LINE NONE	14. ROCKS, SHOALS, ETC. CHB	15. BRIDGES NONE
16. AIDS TO NAVIGATION CHB	17. LANDMARKS CHB	18. OTHER ALONGSHORE PHYSICAL FEATURES CHB	19. OTHER ALONGSHORE CULTURAL FEATURES CHB
PHYSICAL FEATURES			
20. WATER FEATURES CHB	21. NATURAL GROUND COVER CHB		22. PLANETABLE CONTOURS NONE
23. STEREOSCOPIC INSTRUMENT CONTOURS NONE	24. CONTOURS IN GENERAL NONE	25. SPOT ELEVATIONS NONE	26. OTHER PHYSICAL FEATURES
CULTURAL FEATURES			
27. ROADS CHB	28. BUILDINGS CHB	29. RAILROADS NONE	30. OTHER CULTURAL FEATURES CHB
BOUNDARIES			
31. BOUNDARY LINES NONE		32. PUBLIC LAND LINES NONE	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES CHB	34. JUNCTIONS NONE		35. LEGIBILITY OF THE MANUSCRIPT CHB
36. DISCREPANCY OVERLAY CHB	37. DESCRIPTIVE REPORT CHB	38. FIELD INSPECTION PHOTOGRAPHS NONE	39. FORMS CHB
40. REVIEWER <i>Charles H. Bishop</i> C. H. Bishop		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> A. C. Rauck, Jr.	
41. REMARKS (<i>See attached sheet</i>)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER <i>L. O. Neterer</i> L. O. Neterer	DATE: 08/68	SUPERVISOR <i>Albert C. Rauck, Jr.</i> A. C. Rauck, Jr.	
REVIEWER: <i>Charles H. Bishop</i> C. H. Bishop	DATE: 9/12/68		
43. REMARKS FIELD EDIT APPLIED FROM: Field Edit Ozalid and the following matte ratio photographs: 67L 4628, 67L 4630, 67L 4631.			

FIELD EDIT REPORT

SHEET T*11714

OUZINKIE, ALASKA

PH-6802

JUNE 1968

USC&GSS PATHFINDER

CDR A. C. HOLMES, CMDG

51 Methods

The field edit of this map was done in accordance with photogrammetric instructions and project instructions to the Commanding Officer, Ship PATHFINDER, dated 27 March 1968. Sextant fixes and horizontal measurements were used to locate features that could not be identified on the photographs.

All deletions, additions, and corrections to be applied to the manuscript appear on the Field Edit Ozalid. This ozalid is an index and inventory of all field edit work performed. All field edit notes appearing on the field ratio prints are in violet ink. All features to be deleted from the map are marked out in green ink.

Field edit notes for this manuscript appear on the Field Edit Ozalid with attachments, and the following field ratio prints:

67L4628
67L4630
67L4631.

52 Adequacy of Compilation

Compilation of the manuscript was adequate and complete considering that only a cursory field inspection of the area was made prior to compilation.

54 Recommendations

None.

56 Additional Information

Alaska Daylight Time, time meridian 135W, was used for the entire survey.

Hydrographic signal positions used in fixes on rocks, etc., are listed on a sheet attached to the Field Edit Ozalid. Signals are listed by number rather than name to conform with the requirements of electronic data processing.

Compilation of the MHWL was checked and verified and measurements from identifiable points to the line are shown on the field photographs listed in paragraph 51.

The harbor area was inspected and measurements were taken to delineate the features in the area. The measurements

56 Additional Information (continued)

are shown on an attachment to the Field Edit Ozalid.

An investigation into the discrepancy in the spelling of Ouzinkie (Uzinki) was made. It is the general opinion of the residents of the town and the surrounding area that Ouzinkie is the proper spelling. A formal report will be submitted to the U. S. Board of Geographic Names.

William R. Cameron

William R. Cameron
LTJG - USESSA
Photogrammetric Officer

Approved:

A. C. Holmes

A. C. Holmes
CDR - USESSA
Commanding Officer

REVIEW REPORT T-11714
SHORELINE
April 30, 1970

61. GENERAL STATEMENTS:

See Summary on Page 6 of this Descriptive Report.

An ozalid comparison Print (pages 31 through 33), with differences noted in items 62 and 64 is included with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey No. 4843, scale 1:20,000, dated June - July 1933 and Survey No. 6048, scale 1:20,000, dated July - August 1933.

The differences between the registered topographic surveys and T-11714 are shown in blue on the Comparison Print.

Survey No. 4843 notes a rock at approximately Latitude $57^{\circ} 55.6'$, Longitude $152^{\circ} 30.7'$ as being bare 4 ft. at MLLW. This rock is charted on Chart 8534. The field editor searched for a rock in the area but did not find one. Inasmuch as there is an image on Photos 67 L 4629, 4630, 4631 and 4632 at this position, it was mapped as a submerged rock.

Two rocks on Survey No. 4843 at approximate Latitude $57^{\circ} 55.7'$, Longitude $152^{\circ} 31.0'$ are not visible on the photographs covering the area.

Survey No. 6048 shows a bare rock at approximate Latitude $57^{\circ} 55.2'$, Longitude $152^{\circ} 30.2'$. No rock is visible on Photo 67 L 4631 at this position, which is 2mm south of a rock awash.

A rock awash (Survey No. 6048) at approximate Latitude $57^{\circ} 54.7'$, Longitude $152^{\circ} 28.7'$ is not visible on Photos 67 L 4629 and 4632.

The comparison of shoreline with Survey No. 4843 is generally in good agreement; however, differences of as much as 40 meters (ground distance) are discernable. The comparison with Survey No. 6048 was not as favorable. See Comparison Print, pages 31 through 33 .

The shoreline southwestward from Entrance Point was also compared with Survey No. 4922, a 1:10,000 scale wire drag survey dated August 29-30, 1929. The comparison is in poor agreement. Since the area is also covered by Survey No. 4843, which bears a later date, the comparison with Survey No. 4922 is not recorded on the comparison print.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle KODIAK (D-2), ALASKA, Scale 1:63,360, dated 1949, with minor revisions in 1966.

The small scale of this map is inadequate for a good comparison. However, three noticable discrepancies are noted.

A rock awash at approximate Latitude $57^{\circ} 56.3'$, Longitude $152^{\circ} 29.5'$ is not visible on Photo 67 L 4633. It was searched for by the field editor but not found.

Rocks at approximate Latitude $57^{\circ} 55.6'$, Longitude $152^{\circ} 30.7'$ and Latitude $57^{\circ} 55.7'$, Longitude $152^{\circ} 31.0'$ have been discussed already in Paragraph 62.

A rock awash at approximate Latitude $57^{\circ} 54.5'$, Longitude $152^{\circ} 31.0'$ (Otmeloi Point) is not visible on Photo 67 L 4629 and was not mapped.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS.

A comparison was made with a copy of Boat Sheet H-9006, and H-9003 overlay, scale 1:10,000, dated 1968.

Shoreline for this survey was obtained from T-11714.

Discrepancies are indicated on the Comparison Print in purple. See pages 29 through 33 of this report.

A rock bare 4 ft. at MLLW at approximate Latitude $57^{\circ} 54.6'$, Longitude $152^{\circ} 31.5'$ is not visible on Photos 67 L 4629 and 4630 at the position shown on the boat sheet.

A pile at approximate Latitude $57^{\circ} 55.3'$, Longitude $152^{\circ} 29.9'$ is not visible on photos 67 L 4630 through 4632, was not located by the field editor, and is not mapped.

A submerged rock at approximate Latitude $57^{\circ} 55.3'$, Longitude $152^{\circ} 29.6'$ is not visible on Photos 67 L 4631 and 4632.

Rocks in the vicinity of Black Point, approximate Latitude $57^{\circ} 54.7'$, Longitude $152^{\circ} 28.6'$ do not coincide with photogrammetric positions.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 8534, Scale 1:78,900, 4th Edition, dated June 2, 1969. The scale of this chart is much too small for an adequate comparison.

Charted rocks at approximate Latitude $57^{\circ} 55.6'$, Longitude $152^{\circ} 30.7'$ and Latitude $57^{\circ} 55.7'$, Longitude $152^{\circ} 31.0'$ are the same rocks discussed in Paragraph 62 of this report.

A rock charted at approximate Lat. $57^{\circ} 56.3'$, Longitude $152^{\circ} 29.5'$ is discussed in Paragraph 63.

A charted pier on the east side of Entrance Point is no longer in existence.

The submerged rock charted at approximate Latitude $57^{\circ} 55.2'$, Longitude $152^{\circ} 29.6'$ is not visible on Photos 67 L 4630, 4631 and 4632 and is not shown on T-11714. The field editor referred to a rock awash east of the charted rock and Boat Sheet H-9003 shows a submerged rock approximately 100 meters north of the charted position.

There is nothing visible on Photo 67 L 4629 at the charted position of a submerged rock off Otmeloi Point.

Because of the scale difference, these discrepancies are not shown on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Job Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
April 30, 1970

Approved by:

Allen L. Powell

Allen L. Powell, RADM, USESSA
Director, Atlantic Marine Center

Approved by:

Charles L. ...

Chief, Photogrammetric Branch

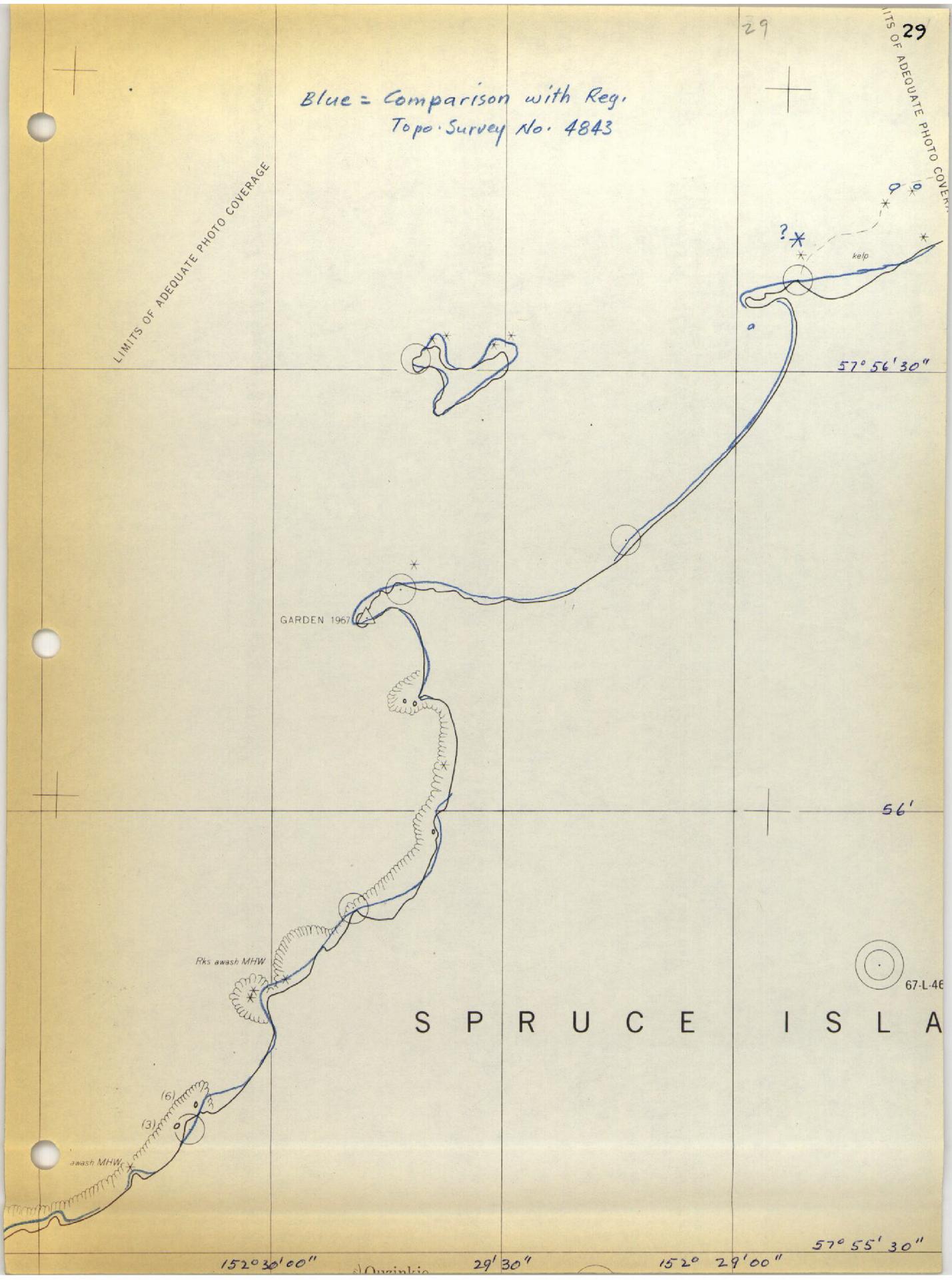
Jack E. Luth

Chief, Photogrammetry Division

Blue = Comparison with Reg.
Topo. Survey No. 4843

LIMITS OF ADEQUATE PHOTO COVERAGE

LIMITS OF ADEQUATE PHOTO COVERAGE



S P R U C E I S L A

152° 30' 00" 29' 30" 152° 29' 00" 57° 55' 30"

55'

57° 55' 00"

* awash MLLW

Blue = Comparison with Registered Topo Surveys (Nos. 4843 & 6048)

Purple = Comparison with contemporary Hydro. Surveys (Boat Sheet H-9003)

Reg. No. 4843
1:20,000

Reg. No. 6048
1:20,000

Not visible on photos, not mapped.

Entrance Point

Bluff

Neva C

54' 30"

y = 1,430,000 FT.

PETE 1967
Rks awash MLLW

Bluff
Rks awash MHW

sand & mud

67-L-4628

54'

57° 53' 45"

152° 33' 00"

32' 30"

x = 785,000 FT.

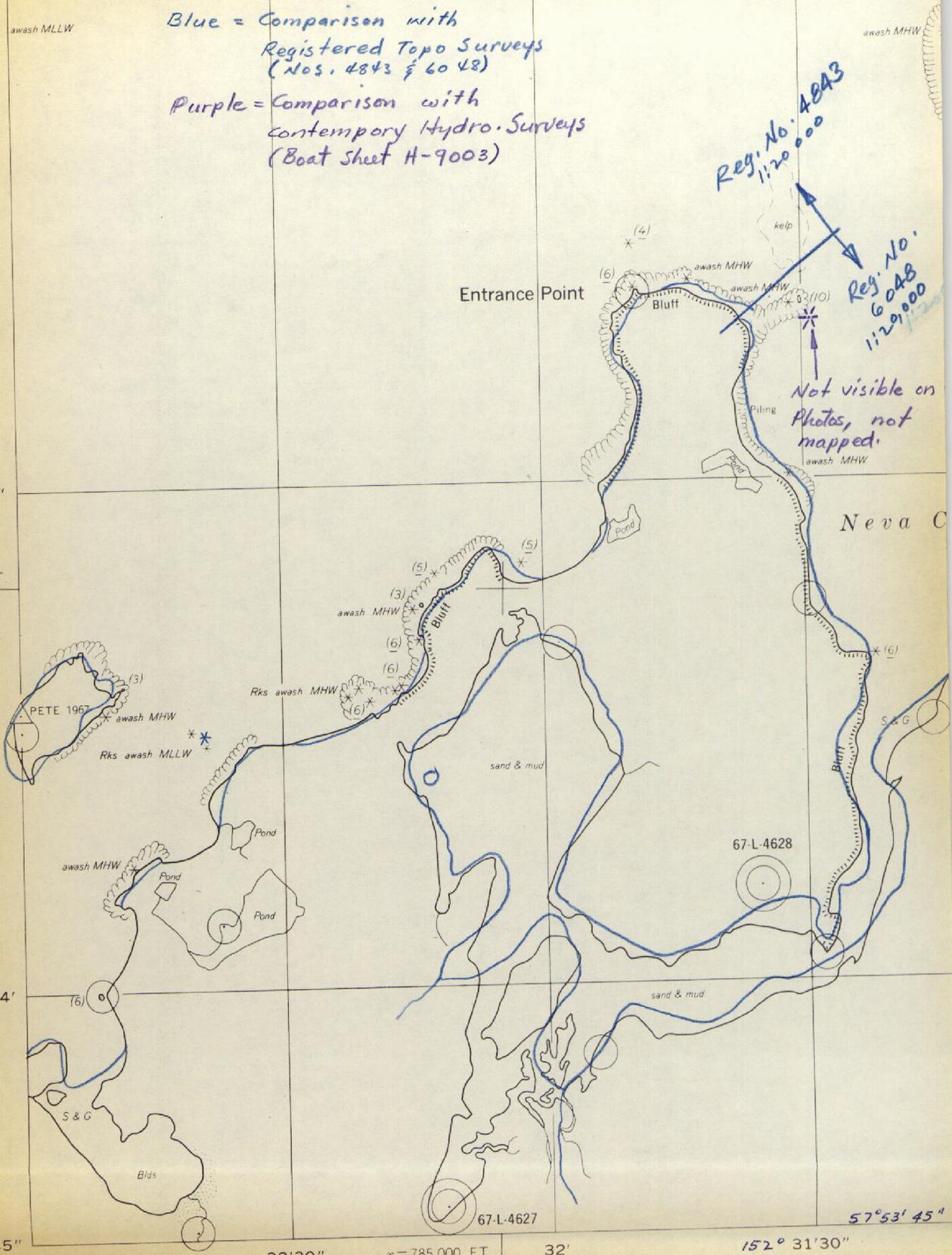
32'

152° 31' 30"

57° 53' 45"

67-L-4627

NOTE: Unlabeled circles are photogrammetric



See REVIEW REPORT
page 27

38' 31

57° 55' 30"

57° 55' 30"

Ouzinkie

CHURCH SPIRE 1968 ht = 25(50)

ZINK 1967

PO

Tank

Boardwalk

Ramp

Trail

Not visible on
Photos 67 L 4630-4632;
not mapped

67-L-4631

No rk visible at this
position on 67 L 4631

55'

55'

Reg. No. 4843
1:20,000
Reg. No. 6048
1:20,000

UZINKI NARROWS
DAYBEACON 1968

67-L-4630

PROKODA ISLAND
LIGHT 1968
covers 2 ft MLLW

Prokoda
Islet

Uzinkie Narrows

Otmeloi Point

57° 54' 30"

57° 54' 30"

Vera Cove

Blue = Reg. Topo. Surveys
4843 & 6048

Purple = Boat sheet
H-9003

67-L-4629

152° 31' 00"

30' 30"

152° 30' 00"

30' 30"

Blue = Comparison with Reg.
Topo. Survey No. 6048

Purple = Comparison with
Boat Sheet H-9003

y = 1,435,000 FT

55'

Black Point

rocky
Rks awash MLLW
covers 2 ft MLLW +

RK not visible on
Photos 67 L 4629-4632

awash MHW

N
A
R
R
O
W

S
T
R
A
I
T

54'30"

y = 1,430,000 FT

LIMITS OF ADEQUATE PHOTO COVERAGE

57° 54' 00"

152° 29' 00"

28' 30"

152° 28' 00"

