

9581 THRU
9589 THRU

9585
9593

53
83
55
99

THRU

THRU

81
89
55
99

Diagram Cht. No. 9302

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Surveys Nos. T9581, 82

Field No. Ph-52 (49) Office No. 83, 84, 85, 89
90, 91, 92, &
93.

LOCALITY

~~State~~ Territory of Alaska

General locality St. Lawrence Island

Locality Vicinity of Poovoot Range

194 50

CHIEF OF PARTY

Fred. A. Riddell, Chief of Field Party
Hubert A. Paton, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE MARCH 25, 1955

DATA RECORD

	9581	9589
	9582	9590
T -	9583	9591
	9584	9592
	9585	9593

Project No. (II): Ph-53(49)

Quadrangle Name (IV):

Field Office (II): Portland, Oregon

Chief of Party: Fred A. Riddell

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: Hubert A. Paton

Instructions dated (II) (III): 4 May 1950, Supplemented by
letter dated 29 March 1951 from Acting
Director to Comdr. Hubert A. Paton

Copy filed in Division of
Photogrammetry (IV)
Office Files

Method of Compilation (III): Air Photographic (Multiples, Stereoplanigraph and
Kelsh Plotter)

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): 1:10,000

Scale Factor (III): 1.000

Date received in Washington Office (IV): 1952

Date reported to Nautical Chart Branch (IV): 1952

Applied to Chart No.

Date:

Date registered (IV): 12-28-54

Publication Scale (IV): 1:25,000

Publication date (IV):

*Geographic Datum (III): NA 1927 (Unadjusted)

Vertical Datum (III):

*See item 67, Review Report

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Shoreline at MHW

Reference Station (III):

Lat.:

Long.:

~~UN~~Adjusted
~~UN~~Adjusted X

Plane Coordinates (IV): UTM grid

State: Alaska

Zone: Z

Y=

X=

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.

DATA RECORD

Field Inspection by (II) **RAY H. SKELTON II** Date: **June 1950**
JACK S. CHAMBERLAIN
VICTOR E. SERENA
SHERIDAN D. JONES
 Planetable contouring by (II): **ROBERT S. TIBBETTS** Date: **—**

None

Completion Surveys by (II): **None** Date: **—**

Mean High Water Location (III) (State date and method of location):
August 1948 (Same as date of photography)

~~Projection and~~ Grids ruled by (IV): **T.L.J.** Date: **Nov. 1950**

Projection and Grids checked by (IV): Date: **—**

Control plotted by (III): ***R.L.W. W.L. Lineweaver - Feb. 1950** Date: ***Dec. 1950**
S.W. Trow **Oct. 1950**
B. Wilson **Oct. 1950**
A.K. Heywood **April 1950**

Control checked by (III): Date: **—**
R.L.S. **Dec. 1950**
L.J.R. **Dec. 1950**
S.W. Trow **Dec. 1950**
B. Wilson **Oct. 1951**

~~Stereoscopic~~ Stereoscopic Control extension by (III): **A.K. Heywood (Multiplex, Hor. & Vert. Bridging)** **1950, 1951**
M. Misulia (Stereoplanigraph, Hor. & Vert. Bridging)

Planimetry **(E. Rolle, D. Brant)** Date: **—**
(W. Edinger, J. Richter) **1951**
 Stereoscopic Instrument compilation (III): **(D. Lafferman)** Date: **—**
(A.K. Heywood) **1951**
 Same as above **1951**

Work sheets

~~Work sheets~~ delineated by (III): **B. Kurs**) Date: **—**
B. Wilson) **1951**
D. Lafferman)
C. Lipscomb)

Photogrammetric Office Review by (III): **J. Council** Date: **—**

A.K. Heywood **1951, 1952**
D.M. Brant **1951, 1952**

Elevations on Manuscript checked by (II) (III): Date: **—**

A.K. Heywood **1951, 1952**
D.M. Brant **1951, 1952**

Camera (kind or source) (III):

Number			Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
STL 6-118 thru STL 6-141			Aug. 1948	Time of photo exposure not available	1:20,000	(Time of photos not available)
7-26	"	7-54	Aug. 1948		"	
7-62	"	7-90	Aug. 1948		"	
7-141	"	7-170	Aug. 1948		"	
8-003	"	8-32	Aug. 1948		"	
6-85	"	6-100	Aug. 1948		"	
8-82	"	8-111	Aug. 1948		"	
8-119	"	8-148	Aug. 1948		"	
4-37	"	4-61	Aug. 1948		"	
4-69	"	4-87	Aug. 1948		"	
2-82	"	2-92	Aug. 1948	"		
10-196	"	10-207	Aug. 1948	"		Not computable without time of photo exposure

Tide (III)

Reference Station: DUTCH HARBOR
Subordinate Station: ST. LAWRENCE ID, ALASKA
Subordinate Station:

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
	2.2	3.7
0.5	1.3	1.9

Washington Office Review by (IV): L. Martin Gazik
K. N. Maki

Date: 3 Sept 1953

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 480
Shoreline (More than 200 meters to opposite shore) (III): 73
Shoreline (Less than 200 meters to opposite shore) (III): none
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): Recovered:
Number of BMs searched for (II): Recovered:
Number of Recoverable Photo Stations established (III): 15
Number of Temporary Photo Hydro Stations established (III): 8

* Identified: 68
Identified:

Remarks:

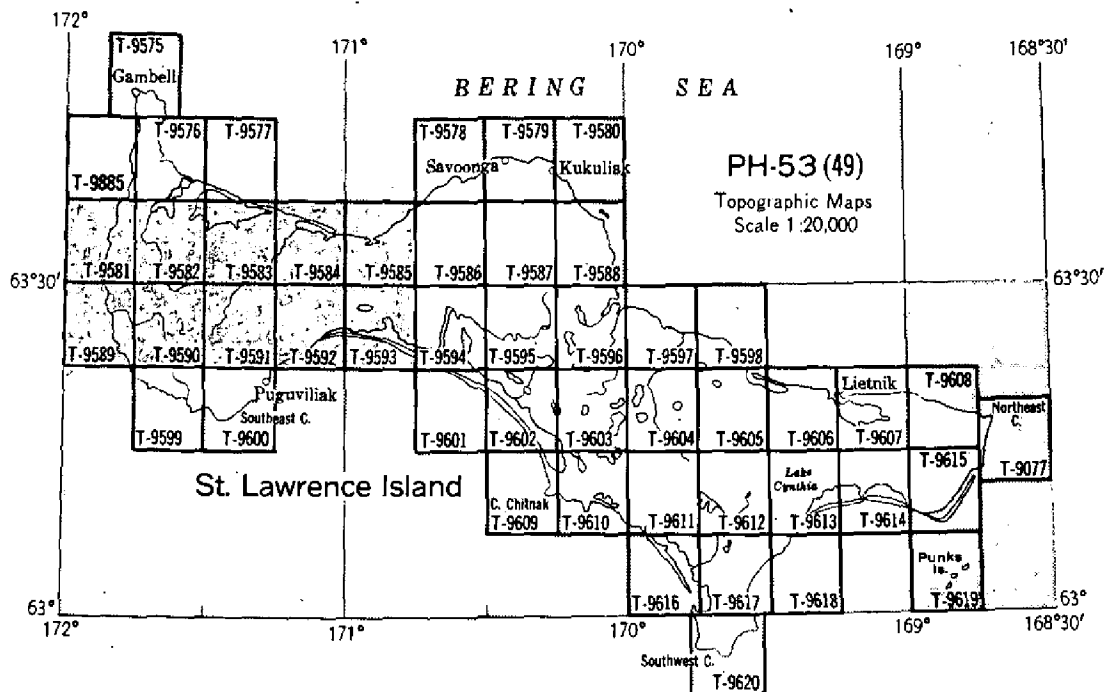
* This figure furnished by compilation office.

TOPOGRAPHIC MAPPING PROJECT PH-53

ALASKA - Bering Sea, St. Lawrence Island

Compiled by the U. S. Coast and Geodetic Survey at scale of 1:20,000 from U. S. Navy
1:20,000 scale single-lens photographs taken August 1948.

(Refer to U. S. Navy mosaic index)



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Sq. Miles Area	Sheet No.	Sq. Miles Area	Sheet No.	Sq. Miles Area
T-9077	6	T-9590	67	T-9606	49
T-9575	7	T-9591	67	T-9607	39
T-9576	39	T-9592	52	T-9608	28
T-9577	2	T-9593	42	T-9609	3
T-9578	16	T-9594	56	T-9610	40
T-9579	36	T-9595	66	T-9611	64
T-9580	7	T-9596	64	T-9612	66
T-9581	24	T-9597	41	T-9613	53
T-9582	63	T-9598	16	T-9614	38
T-9583	60	T-9599	21	T-9615	44
T-9584	56	T-9600	28	T-9616	12
T-9585	50	T-9601	2	T-9617	54
T-9586	67	T-9602	31	T-9618	5
T-9587	67	T-9603	65	T-9619	1
T-9588	53	T-9604	65	T-9620	19
T-9589	18	T-9605	64	T-9885	3

TOTAL 1836

6

SUMMARY FOR T-9581-85, T-9589-93

These topographic surveys ^{are ten} ~~to the~~ of a series of 49 quadrangles, each $7\frac{1}{2}$ minutes in latitude and 15 minutes in longitude at 1:20,000 scale that cover ST. LAWRENCE ISLAND, ALASKA.

This BERING SEA island is approximately 100 miles long and averages 20 miles in width and has not been previously mapped at this large scale.

ST. LAWRENCE ISLAND is within the CAPE NOME DISTRICT of the SECOND JUDICIAL DIVISION.

The maps of this island are to be published at 1:25,000 scale by the Army Map Service.

For information concerning the project in its broader aspects see the project completion report which will include, among other items, two detailed field reports - a preliminary report dated 21 September 1950 and a project report dated June-September 1950 - both submitted by Fred A. Riddell.

The registered data to be permanently filed in the Bureau Archives under these ^{numbers} ~~maps~~ will include a cloth-mounted lithographic print of each map manuscript at 1:20,000 scale together with a cloth-mounted ^{combined} ~~published~~ color print at 1:25,000 scale and the original ^{combined} ~~descriptive~~ report.

1

PHOTOGRAMMETRIC PLOT REPORT

FIELD INSPECTION REPORT

See project report of Fred. A. Riddell for season June-September 1950, under separate cover.

21. AREA COVERED

T-9581, T-9582, T-9583, T-9584, T-9585, T-9589, T-9590, T-9591, T-9592, and T-9593.

22. METHOD

Both horizontal and vertical control was bridged in the area by multiplex. This work was done on the 1:10,000 work sheets. See attached sketch of control which shows several base strips furnished by the Washington Office from work done on the stereoplanigraph. These additional horizontal and vertical pass points were used as starting points for the multiplex bridging. Refer also to Photogrammetric Plot Report for T-9575, item 22, paragraphs 1, 2, and 3.

23. ADEQUACY OF CONTROL

Control complied with project instructions and was adequate.

24. SUPPLEMENTAL DATA

None.

25. PHOTOGRAPHY

See Photogrammetric Plot Report for T-9575, item 25.

26. ACCURACY

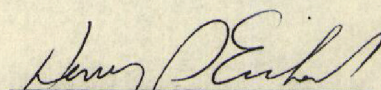
It is believed that the requirements for horizontal accuracy of the Coast and Geodetic Survey have been met.

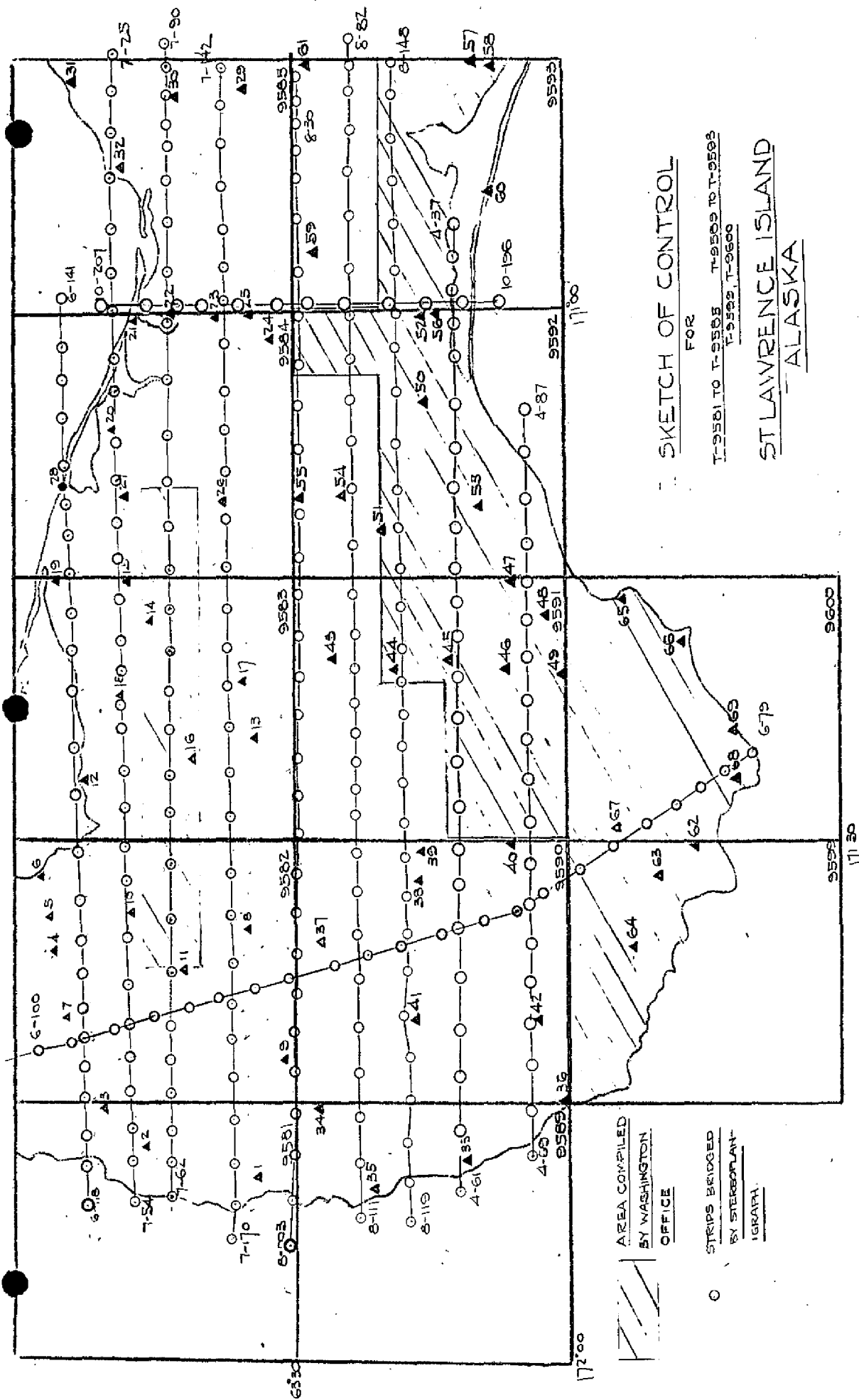
It is very difficult to state what vertical accuracy was obtained in an assignment of this kind. For a normal mapping project, at the scale compiled, with vertical control in each model it could be expected that 90% of the contours would be

26. ACCURACY (continued)

within 10 feet. In view of the necessity for vertical bridging in the first place plus the inadequacies of the photography which adversely affected the accuracy of the work, it is felt that if the contours are within 25 feet it is as good as could be expected. In some instances the error may be as much as 50 feet.

Respectfully submitted
29 February 1952.


Henry P. Eichert
Supervisory Cartographer



SKETCH OF CONTROL

FOR

T-9581 TO T-9585 T-9589 TO T-9593
T-9592, T-9590

ST. LAWRENCE ISLAND
ALASKA

AREA COMPILED
BY WASHINGTON
OFFICE

STRIPS BRIDGED
BY STEREOPLANT-
IGRAPPA

PH-53(49)

HORIZONTAL CONTROL

- | | |
|-----------------------------|-------------------|
| 1. EMBER, 1950 | 41. HVO20, 1950 |
| 2. CABIN, 1950 | 42. HVO21, 1950 |
| 3. PALOK, 1950 | 43. HVO06, 1950 |
| 4. BANJO, 1950 | 44. HVO07, 1950 |
| 5. LAGOON, 1950 | 45. HVO08, 1950 |
| 6. FLASH, 1950 | 46. HVO09, 1950 |
| 7. BACON, 1950 | 47. FAULT, 1950 |
| 8. ALLOOK, 1950 | 48. BLAZE, 1950 |
| 9. ROCKY, 1950 | 49. HVO10, 1950 |
| 10. HVO01, 1950 | 50. LIMBO, 1950 |
| 11. HVO02, 1950 | 51. OLIVE, 1950 |
| 12. BARGE, 1950 | 52. PATCH, 1950 |
| 13. MIDDLE, 1950 | 53. HVO11, 1950 |
| 14. KIWAK, 1950 | 54. HVO14, 1950 |
| 15. TAP, 1950 | 55. HVO15, 1950 |
| 16. HVO04, 1950 | 56. GREEK, 1950 |
| 17. HVO05, 1950 | 57. HVO19, 1950 |
| 18. HVO03, 1950 | 58. GYPSY, 1950 |
| 19. HOOK, 1950 | 59. GLASS, 1950 |
| 20. MOUND, 1950 | 60. GRACE, 1950 |
| 21. OZONE, 1950 | 61. BENCH, 1950 |
| 22. LINEN, 1950 | 62. SINGI, 1950 |
| 23. MARCH, 1950 | 63. MINCE, 1950 |
| 24. HVO12, 1950 | 64. BOXER, 1950 |
| 25. HVO13, 1950 | 65. ANVIL, 1950 |
| 26. HVO16, 1950 | 66. SW CAPE, 1950 |
| 27. HVO17, 1950 | 67. ANNEX, 1950 |
| 28. OMAR, 1950(TOPO STA) | 68. WATCH, 1950 |
| 29. HVO18, 1950 | 69. CHECK, 1950 |
| 30. NIGGER, 1950 | |
| 31. KASAL, 1950 | |
| 32. COLLIER, 1950 | |
| 33. WEST CAPE, 1950 | |
| 34. CENTER, 1950 | |
| 35. MAGOG, 1950 | |
| 36. TVIKAN, 1950 | |
| ~~37. TVIKAN, 1950~~ | |
| 37. DRAPE, 1950 | |
| 38. POOVOOK, 1950 | |
| 39. EAGLE, 1950 | |
| 40. DIVIDE, 1950 | |

COMPILATION REPORT

SURVEYS Nos. T-9581, T-9582, T-9583, T-9584,
T-9585, T-9589, T-9590, T-9591,
T-9592, and T-9593

31. DELINEATION

Most of the topography, including shoreline and photo points, was plotted by multiplex except for those areas done at the Washington Office using the stereoplanigraph and Kelsh Plotter. See sketch of control accompanying Photogrammetric Plot Report. Multiplex work was done on 1:10,000 work sheets. The shoreline was later refined using ratio prints furnished by the Washington Office. These work sheets were submitted to the Washington Office for photographic reduction and assembly into 1:20,000 scale manuscripts.

32. CONTROL

See Photogrammetric Plot Report, item 23.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

The drainage pattern did not always seem well-defined. The compilation office tried to show this as accurately as possible with a minimum of confusing details.

35. SHORELINE AND ALONGSHORE DETAILS

The MHWL line except for areas compiled at the Washington Office was established by multiplex with the aid of a limited amount of field inspection.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

Data believed to be complete. Forms 567 submitted with this report.

38. CONTROL FOR FUTURE SURVEYS

Forms 524, submitted herewith, are for topographic stations established by instrument compilation. These are as follows:

<u>T-9581</u>	<u>T-9589</u>
ARGO, 1950	EBON, 1950
DUCK, 1950	MAGI, 1950
ROCK, 1950	ONUS, 1950
<u>T-9583</u>	<u>T-9591</u>
SOOT, 1950	~~BHZZ, 1950~~
<u>T-9584</u>	<u>T-9592</u>
CAPE, 1950	CLUB, 1950
RUNT, 1950	DAVE, 1950
<i>Omar 1950</i>	<i>BUZZ 1950</i>
<u>T-9585</u>	<u>T-9593</u>
CABIN, 1950	FISH, 1950

One topographic station, OMAR, 1950, for which form 524 is also submitted was established by theodolite. This is on manuscript T-9584.
Div. Photogr. general files.

A list of recoverable topographic stations and descriptions of photo hydro stations are included in paragraph 49 of this report.

39. JUNCTIONS

Junctions have been made between all work sheets and where the work at the Baltimore Office joined work done at the Washington Office. Thus, when work sheets are assembled into manuscripts, junction between manuscripts is assured.

A tie has been transferred from our work sheets at the east (T-9585 and T-9593) to work sheets in the 1951 seasons work and a datum shift has been applied (NA 1927) so that a tie will be effected with our new work.

40. HORIZONTAL AND VERTICAL ACCURACY

See item 6 of Photogrammetric Plot Report.

41. thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with USGS map, scale 1:250,000, printed in 1949.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 9302, scale 1:1,534,076 at lat. 60° 00' published July 1945 (16 edition), 8-29-49.

Items to be applied to nautical charts immediately:

None.

Items to be carried forward:

None.

After completion of the hydrographic surveys, these quadrangles should supersede all previously charted information.

Respectfully submitted
3 March 1952.


Henry P. Eichert
Supervisory Cartographer

Approved and forwarded


Hubert A. Paton
Comdr., C&GS
Officer in Charge

PHOTOGRAMMETRIC OFFICE REVIEW

1. Projection and grids AKH* 2. Title AKH* 3. Manuscript numbers T-9581, 9582, 9583, 9584, 9585, 9590, 9591, 9592, 9593 4. Manuscript size AKH*

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy AKH 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) AKH 7. Photo hydro stations AKH 8. Bench marks AKH
 9. Plotting of sextant fixes AKH 10. Photogrammetric plot report AKH 11. Detail points AKH

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline AKH 13. Low water line AKH 14. Rocks, shoals, etc. AKH 15. Bridges AKH 16. Aids to navigation AKH 17. Landmarks AKH 18. Other alongshore physical features AKH 19. Other along-shore cultural features AKH

PHYSICAL FEATURES

20. Water features AKH 21. Natural ground cover AKH 22. Planetable contours AKH 23. Stereoscopic instrument contours AKH 24. Contours in general AKH 25. Spot elevations AKH 26. Other physical features AKH

CULTURAL FEATURES

27. Roads AKH 28. Buildings AKH 29. Railroads AKH 30. Other cultural features AKH

BOUNDARIES

31. Boundary lines AKH 32. Public land lines AKH

MISCELLANEOUS

33. Geographic names AKH 34. Junctions AKH 35. Legibility of the manuscript AKH 36. Discrepancy overlay AKH 37. Descriptive Report AKH 38. Field inspection photographs AKH 39. Forms AKH
 40. AKH Reviewer AKH Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

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

Supervisor

43. Remarks:

* This applies to work sheets only.

48. GEOGRAPHIC NAMES LIST

Aghnaghak Lagoon

Aghnuk River 1952

Aghsit Pt.

Akfayegak Cr.

Apatiki Camp

Bering Sea

Booshu Camp

Boxer Bay

Boxer River

Bunnell Cape

Evghinak Pt.

Ikalooksik River

Impaghuk Pt.

Ivekan Mtn

Iwoonut Pt

Kaghkusalik Pt.

Kaklongegeck Cr.

Kangee Camp

Kangik River (1952)

Kavalghak Cr.

Keelaghuk Valley

Kewagek Cr.

Kitngeepalok 1951

Kiwook Pass

Kongkok Basin

Kongkok Bay

Kookooliktook River

Koopangoomuk Cr.

Koozata Lagoon

Kunaghak Cr. (1951)

Makingiyek Bay

Mamagnak Mts. 1952

Moghowsyik River

Mt. Taphook

Mugum Peak

Niyrakpak Lagoon

Ohlegek Cr.

Oklighiat

Okok River

Olngooseenuk Mtn.

Oongayuk Hill

Owalit Mtn.

Kitnepaluk Creek (1951)

locality 1951

48. GEOGRAPHIC NAMES (continued)

Poovookpuk Mtn
Povoot Range
Powooiliak Camp
Powooiliak Pt.

Savukahuk Pt. (T-9581)
Shlokovich Pt. (T-9581)
Singikpak Pt.
Siteeluk Bay
Southwest Cape

Taphook Pt.
Tareeluk Pt.
Tatik Pt.
Tikaghapuk Pt.
Tikugha Pt.

Vngyat Pt. (T-9581)

Wanmayee Cr.

Yaghmelingak Mt.
Ynveeghik R.

See individual lists:
T-9581-T-9582 10-6-52

49. NOTES FOR THE HYDROGRAPHER

The following is a list of recoverable topographic stations:

T-9581

ARGO, 1950
DUCK, 1950
ROCK, 1950

T-9589

EBON, 1950
MAGI, 1950
ONUS, 1950

T-9583

SOOT, 1950

T-9591

~~BUZZ, 1950~~

T-9584

CAPE, 1950
RUN, 1950
OMAR, 1950

T-9592

CLUB, 1950
DAVE, 1950
BUZZ 1950

T-9585

CABIN, 1950

T-9593

FISH, 1950

The following is a list of descriptions for photo-hydro stations:

T-9581

IRA - Center of rock outcrop.

T-9589

CRY - Top of rock
GAG - Center of rock
HOG - Face of bluff at pt. of break
in grade
NOB - Top of pinnacle rock
ROC - Center of rock outcrop
YAP - Part of break in grade.

T-9584

BIG - North gable of cabin.

Special attention is called to the special volume Part 2 of the Project Report containing "jumbo" size prints of topographic and hydrographic stations prepared for the use of the hydrographic party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLUATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

Baltimore, Md.

February 1952

I recommend that the following objects which ~~have~~ *(have not)* been inspected from seaward to determine their value as landmarks be charted on *(deleted from)* the charts indicated.

The positions given have been checked after listing by

Albert K. Heywood

Hubert A. Paton Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nons*
aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and
individual field survey sheets. Information under each column heading should be given.

TO BE CHARTED
TO BE CHARTED

STRIKE OUT ONE

NON-LOCATING AIDS FOR CHARTS

Baltimore, Maryland

February 1952

I recommend that the following objects which ~~have~~^{have not} been inspected from seaward to determine their value as landmarks be charted on ~~the~~^{the} charts indicated.

The positions given have been checked after listing by

Albert K. Heywood

Hubert A. Paton
Hubert A. Paton
Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by other means. The information under each column heading should be given.

T-9581. Geographic Names.

Alaska

St. Lawrence Island

Bering Sea

➤ Kitnepaluk Creek

➤ Savukahuk Point

➤ Shlokovic Point

➤ Kitngeepalok (locality)

➤ Vngyat Point

➤ Kunaghak Creek

Names underlined in
red are approved.

10-6-52 L. Heck

T-9582.

Geographic Names

Alaska

St. Lawrence Island

✓ Kangik River

✓ Agnuk River

✓ Akfayegak Creek

✓ Mamagnak Mountains

✓ Niyarakpak Lagoon

✓ Kalooksik River

Names underlined in red are
approved. 10-6-52

L. Heck

GEOGRAPHIC NAMES

Survey No. T-9583

GEOGRAPHIC NAMES		Survey No. T-9583		On Chart No.		On previous survey No.		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List	
Name on Survey		A	B	C	D	E	F	G	H	K									
Alaska																			1
Second Judicial Div.																			2
St. Lawrence Island																			3
Poovoot Range																			4
Olngoos ^e uk Mt.																			5
Taphook Mt.																			6
Kiwook Pass																			7
Bering Sea																			8
Niyrakpak Lagoon																			9
Makinghyeek Bay																			10
Kookooliktook River																			11
Pungokosit Split																			12
Ohlegok Creek																			13
Kawagek Creek																			14
Yaghmelngak Mt.																			15
Ikaloosik River																			16
Names underlined in red approved 1-18-03 L. Heck																			17
																			18
																			19
																			20
																			21
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																			M 234

GEOGRAPHIC NAMES

Survey No. T - 9584

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
Alaska									1
Bering Sea									2
Second Judicial Div.									3
St. Lawrence Island									4
Kookooliktook River									5
Poovoot Range									6
Taphook Point									7
Apatiki Camp									8
Mugum Peak									9
									10
									11
									12
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									19
									20
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									24
									25
									26
									27

Names approved
4-22-53
a.j.w.

GEOGRAPHIC NAMES

Survey No.
T - 9585

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
Alaska									1
Bering Sea									2
Second Judicial Division									3
St. Lawrence Island									4
Kaghkusalik Point									5
Tikugha Point									6
Kangee Camp									7
Ynveeghik River									8
Muknuk River									9
									10
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Names approved
12-18-53
A J W

GEOGRAPHIC NAMES

Survey No. T-9589

GEOGRAPHIC NAMES		Survey No. T-9589		On Chart No.		On previous survey No.		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List	
Name on Survey				A	B	C	D	E	F	G	H	K							
Alaska																			1
St. Lawrence I																			2
✓	Bering Sea																		3
✓	Kongkok Bay																		4
✓	Tatur Point																		5
✓	Orvalit Mountain																		6
✓	Kongkok Basin																		7
✓	Moghaweyik River																		8
✓	Titaghapuk Point																		9
✓	Booshu Camp																		10
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Names underlined in red are approved.

11-26-52

L. Heck

M 234

GEOGRAPHIC NAMES

Survey No. T-9590

GEOGRAPHIC NAMES											
Survey No. T-9590											
Name on Survey											
	A	B	C	D	E	F	G	H	K		
Alaska											1
St. Lawrence I											2
✓ Moghoweyik River											3
✓ Ikalookisik River											4
✓ Irenan Mountain 10 + 12 (C) K.											5
✓ Poorookpuk Mountain 10 + 12 (C) K.											6
✓ Pooroot Range											7
											8
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Names underlined in
red are approved.
11-26-52
L. Heck

M 234

Names underlined in
red are approved.
11-26-52
L. Hack

GEOGRAPHIC NAMES

Survey No. T-9591

GEOGRAPHIC NAMES										
Survey No. T-9591										
Name on Survey										
	A	B	C	D	E	F	G	H	K	
<u>Alaska</u>										1
<u>Bering Sea</u>										2
<u>Second Judicial Div.</u>										3
<u>St. Lawrence Island</u>										4
<u>Putgut Plateau</u>										5
<u>Kookoolik^{took} River</u>										6
<u>Yagmelngak^h Mt.</u> (T-9583)										7
<u>Pooroot Range</u> (T-9583)										8
<u>Ikaloosik River</u> (T-9582)										9
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M 234

Names underlined in
red are approved
12-9-52
L. Heck

GEOGRAPHIC NAMES

Survey No. T-9592

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
Alaska									1
Bering Sea									2
St. Lawrence Island									3
Powooiliak Bay									4
Koozata Lagoon									5
Second Judicial Division					Approved	2-2-53. L. Heck			6
									7
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GEOGRAPHIC NAMES

Survey No.

T - 9593

Name on Survey

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B

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E

F

G

H

K

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

Alaska

Bering Sea

Second Judicial Division

St. Lawrence Island

Koozata Lagoon

Impaghuk Point

Kaklongegeek Creek

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Names approved

12-18-53

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Review Report
Topographic Maps T-9581-85 and T-9589-93
3 September 1953

62. Comparison with Registered Topographic Surveys:
There are no prior surveys for the area covered by these maps.
63. Comparison with Maps of other Agencies:
St. Lawrence, Alaska, U.S.G.S., 1:250,000 Reconnaissance Map, 1949. Contours, drainage and other features generalized at the scale of the above reconnaissance survey preclude detailed comparison.
64. Comparison with Contemporary Hydrographic Surveys:
None
65. Comparison with Nautical Charts:
9302 1:1,534,076, corrected to 12/8/52
No effective comparison can be made between the chart and the maps because of the lack of detail on the very small scale chart.
66. Adequacy of Results and Future Surveys:
These maps are adequate for use in hydrographic surveys and the construction of nautical charts. It is concluded from the amount and distribution of horizontal and vertical control that these maps meet the National Standards of Map Accuracy.
67. Datums:
The original compilations were based on the St. Lawrence Island (Gambell) Astrolabe Datum. After review and during final drafting these compilations ~~will be~~ transferred to the North American 1927 Datum. (unadjusted) ^{were}
68. Contours:
Supplemental contours at 25-foot intervals, in addition to the regular or intermediate contours at 50-foot intervals, are shown. With reference to supplemental contours, only those contours that give significant information or express certain topographic features not otherwise evident are shown. The first 25-foot contour in from the shoreline, except along steep, rocky bluffs where contours tend to merge, is shown throughout the island.

Reviewed by:

K. N. Maki
K. N. Maki

APPROVED:

L. C. Landy 13 Jan 1954
Chief, Review Section
Div. of Photogrammetry

Wallace A. Bruder
Acting Chief, Nautical Chart Branch
Div. of Charts Gfd

Max Skelton
Chief, Div. of Photogrammetry

Earl O. Heaton JB
Chief, Div. of Coastal Surveys