9581 THRU 9585
9589 THRU 9593

9585 9583 9581 THRU 9589

Diagram Cht. No. 9302

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-52 (49) *Office No.* Surveys Nos. T9581, 82, 83, 84, 85, 89, 90, 91, 92, & 93.

LOCALITY

~~State~~ Territory of Alaska

General locality St. Lawrence Island

Locality Vicinity of Poovoot Range

1950

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE MARCH 25, 1955

8-1870-1 (1)

DATA RECORD

T - 9581 9589
9582 9590
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):

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

*See Item 67, Review Report

Reference Station (III):

Lat.: Long.: (N) Adjusted
~~Unadjusted~~ 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.

M-2618-12(4)

DATA RECORD

Field inspection by (II): RAY H. SKELTON II
JACK S. CHAMBERLAIN
VICTOR E. SERENA
SHERIDAN D. JONES
ROBERT S. TIBBETTS

Date: June 1950

Planetable contouring by (II): None

Date: —

Completion Surveys by (II): None

Date: —

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

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

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

Work sheets delineated by (III): B.Kurs)
B.Wilson)
D.Lafferman) ---------- 1951
C.Lipscomb)
J.Councill)

Date:

Photogrammetric Office Review by (III):

A.K.Heywood 1951 , [illegible]
D.M.Brant 1951 , [illegible]

Elevations on Manuscript checked by (II) (III):

Date:

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

M-2618-12(4)

Camera (kind or source) (III):

PHOTOGRAPHS (III)

Number		Date	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		"	Not computable without time of photo exposure
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		"	
				"	

Tide (III)

Diurnal

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

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

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: * Identified: 68
Number of BMs searched for (II): Recovered: Identified:
Number of Recoverable Photo Stations established (III): 15
Number of Temporary Photo Hydro Stations established (III): 8

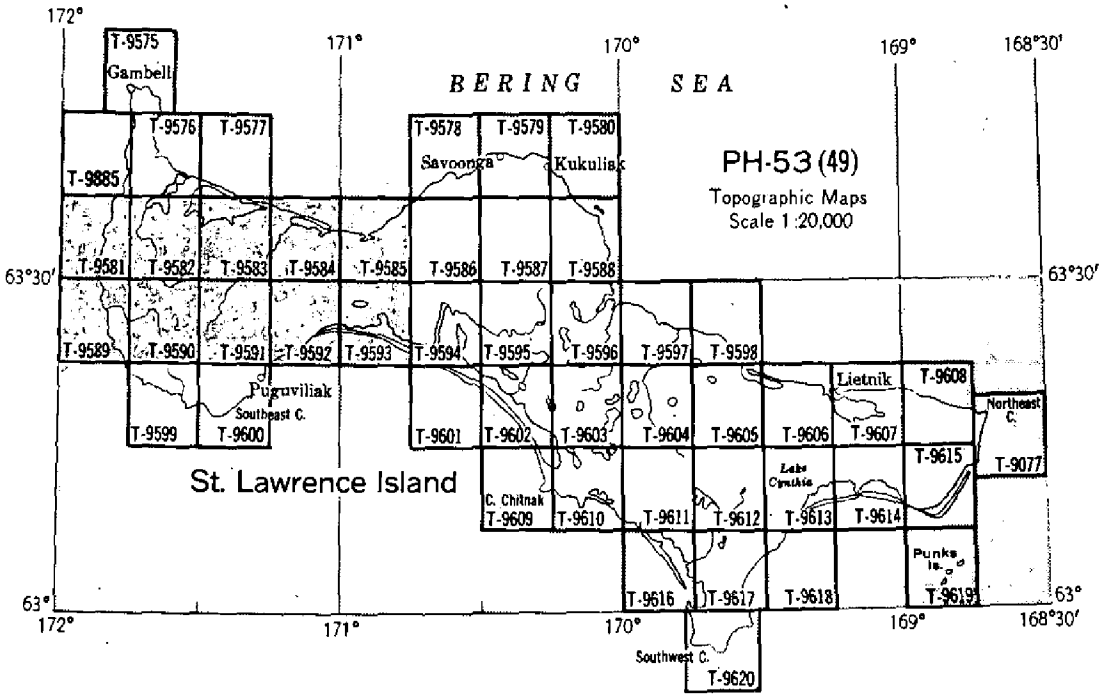
Remarks:
* This figure furnished by compilation office.

M-2618-12(4)

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

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

These topographic surveys ~~are~~ ten of a series of 49 quadrangles, each 7½ 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 map numbers will include a cloth-mounted lithographic print of each map manuscript at 1:20,000 scale together with a cloth-mounted published color print at 1:25,000 scale and the original combined descriptive report.

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.

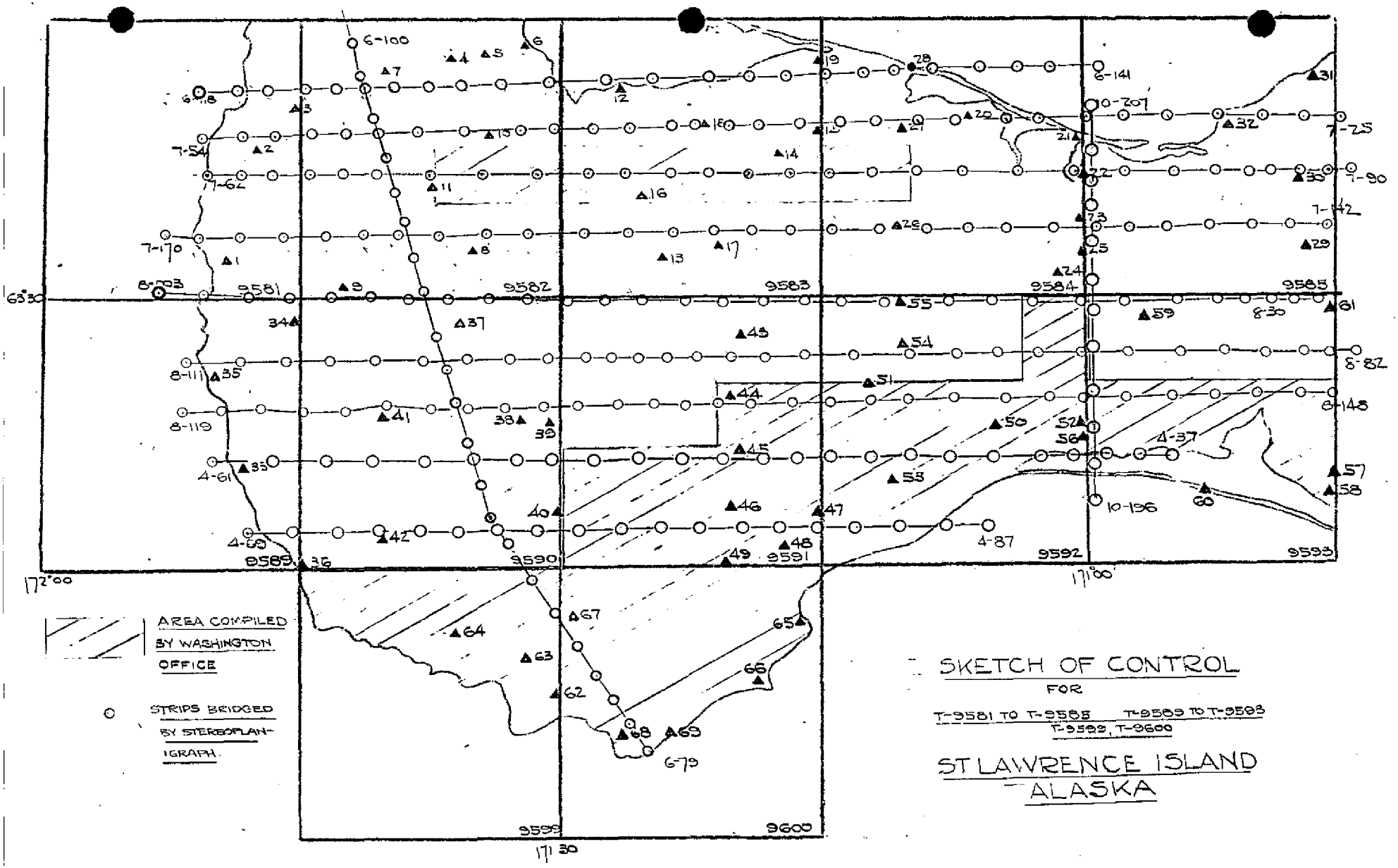
It is very difficult to state what vertical accuracy was obtained in an assignment of this kind. For a normal mapping project, at the scale compiled, with vertical control in each model it could be expected that 90% of the contours would be

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-9599, T-9600

ST LAWRENCE ISLAND
ALASKA

PH-53(49)

HORIZONTAL CONTROL

1. EMBER, 1950
2. CABIN, 1950
3. PALOK, 1950
4. BANJO, 1950
5. LAGOON, 1950

6. FLASH, 1950
7. BACON, 1950
8. ALLOOK, 1950
9. ROCKY, 1950
10. HV001, 1950

11. HV002, 1950
12. BARGE, 1950
13. MIDDLE, 1950
14. KIWOAK, 1950
15. TAP, 1950

16. HV004, 1950
17. HV005, 1950
18. HV003, 1950
19. HOOK, 1950
20. MOUND, 1950

21. OZONE, 1950
22. LINEN, 1950
23. MARCH, 1950
24. HV012, 1950
25. HV013, 1950

26. HV016, 1950
27. HV017, 1950
28. OMAR, 1950(TOPO STA)
29. HV018, 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

41. HV020, 1950
42. HV021, 1950
43. HV006, 1950
44. HV007, 1950
45. HV008, 1950

46. HV009, 1950
47. FAULT, 1950
48. BLAZE, 1950
49. HV010, 1950
50. LIMBO, 1950

51. OLIVE, 1950
52. PATCH, 1950
53. HV011, 1950
54. HV014, 1950
55. HV015, 1950

56. GREEK, 1950
57. HV019, 1950
58. GYPSY, 1950
59. GLASS, 1950
60. GRACE, 1950

61. BENCH, 1950
62. SINGIK , 1950
63. MINCE, 1950
64. BOXER, 1950
65. ANVIL, 1950

66. SW CAPE, 1950
67. ANNEX, 1950
68. WATCH, 1950
69. CHECK, 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:

T-9581
ARGO, 1950
DUCK, 1950
ROCK, 1950

T-9583
SOOT, 1950

T-9584
CAPE, 1950
RUNT, 1950
OMAR 1950

T-9585
CABIN, 1950

T-9589
EBON, 1950
MAGI, 1950
ONUS, 1950

T-9591
~~BUZZ, 1950~~

T-9592
CLUB, 1950
DAVE, 1950
BUZZ 1950

T-9593
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

Form T-2

PHOTOGRAMMETRIC OFFICE REVIEW

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

1. Projection and grids * 2. Title * 3. Manuscript numbers * 4. Manuscript size *

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

~~31. Boundary lines~~ 32. ~~Public land lines~~

MISCELLANEOUS

33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. ~~Discrepancy overlay~~ 37. Descriptive Report 38. ~~Field inspection photographs~~ 39. Forms

40. _____ Reviewer _____ 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.

M-2623-12

48. GEOGRAPHIC NAMES LIST

Aghnaghak Lagoon
Aghnuk River
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.
Kaklongegek Cr.
Kangee Camp
Kangik River
Kavalghak Cr.
Keelaghnuk Valley
Kewagek Cr.
Kitngeepalok
Kiwook Pass
Kongkok Basin
Kongkok Bay
Kookooliktook River
Koopangoomuk Cr.
Koozata Lagoon
Kunaghak Cr.

Makingiyeek Bay
Mamagnak Mts.
Moghoweyik River
Mt. Taphook
Mugum Peak
Niyrakpak Lagoon

Ohlegek Cr.
Oklighiat
Okok River
Olngooseenuk Mtn.
Oongayuk Hill
Owalit Mtn.

48. GEOGRAPHIC NAMES (continued)

Poovookpuk Mtn
Povoot Range
Powooiliak Camp
Powooiliak Pt.

Savukahuk Pt. (T-9581)
Shlokovik Pt. (T-9581)
Singikpak Pt.
Siteelnk Bay
Southwest Cape

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

Vngyat Pt. (T-9581)

Wanmayee Cr.

Yaghmelngak 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-9583
SOOT, 1950

T-9584
CAPE, 1950
RUN, 1950
OMAR, 1950

T-9585
CABIN, 1950

T-9589

EBON, 1950
MAGI, 1950
ONUS, 1950

T-9591
~~BUZZ, 1950~~

T-9592
CLUB, 1950
DAVE, 1950
BUZZ 1950

T-9593
FISH, 1950

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

T-9581
IRA - Center of rock outcrop.

T-9584
BIG - North gable of cabin.

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 outdrop
YAP - Part of break in grade.

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.

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

~~TO BE CHARTED~~ / ~~TO BE DELETED~~ } STRIKE OUT ONE

Baltimore, Md. February, 19 52

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

Albert K. Heywood

Hubert A. Paton

Hubert A. Paton *Chief of Party.*

STATE			POSITION								
			~~Northing~~		~~Easting~~						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	~~METERS~~		~~METERS~~		DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
(GAB) CABIN	Northwest Gable of Cabin (Westerly of two)		Meters 7,049,835		504,475		Prelim Datum	Air Photo Mult T-9585	1950				9302
	This landmark has little value on a chart the scale of 9302 and should be shown only on large scale charts.												

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfl... 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.

U. S. GOVERNMENT PRINTING OFFICE: 194...

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

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 *(~~deleted from~~)* the charts indicated.

The positions given have been checked after listing by Albert K. Heywood

Albert K. Heywood

Hubert A. Paton

Hubert A. Paton *Chief of Party.*

STATE / CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE Northing D.M. METERS	POSITION LONGITUDE Easting D.M. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
ROCK	BLACK ROCK OUTCROP		Meters 7049,012	458,449	Prelim Datum	Air Photo Mult T-9581	1950				9302
	This landmark has little value on a chart the scale of 9302 and should be shown only on large scale charts.										

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 [illegible] information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE: 1949 O - 853418

T-9581. Geographic Names.

Alaska
St. Lawrence Island
Bering Sea

Kitnepaluk Creek

Savukahuk Point

Shlokovik 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

Aghnuk River

Akfayegak Creek

Hamagnak Mountains

Niyakakpak Lagoon

Ikalooksik River

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

GEOGRAPHIC NAMES

Survey No. T-9583

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Alaska										1
Second Judicial Div.										2
St. Lawrence Island										3
Poovoot Range										4
Olngoosenuk Mt.										5
Taphook Mt.										6
Kiwook Pass										7
Bering Sea										8
Niyrakpak Lagoon										9
Makinglyeek Bay										10
Kookooliktook River										11
Pungokosit Split										12
Ohlegek Creek										13
Kawagek Creek										14
Yaghmalngan Mt.										15
Ikalooksik River										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27
										M 234

Names underlined in red approved 1-18-63 L. Heck

GEOGRAPHIC NAMES

Survey No. T - 9584

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	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
				Names approved 4-22-53 a.j.w.						11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

M 234

GEOGRAPHIC NAMES

Survey No.

T - 9585

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	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
										11
					Names approved 12-18-53 ADW					12
										13
										14
										15
										16
										17
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M 234

GEOGRAPHIC NAMES

Survey No. T-9589

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Alaska										1
St. Lawrence I										2
Bering Sea										3
Kongkok Bay										4
Tatuk Point										5
Owalit Mountain		V								6
Kongkok Basin				Island.						7
Noghoweyik River										8
Titaghapuk Point										9
Booshu Camp										10
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Names underlined in red are approved.
1-26-52
L. Heck

M 234

GEOGRAPHIC NAMES

Survey No. T-9590

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									
St. Lawrence I									
Moghoweyik River									
Ikalooksik River									
Ivekan Mountain	10 + 12 C + C.								
Poovookpuk Mountain	10 + 14 C + C.								
Poovoot Range									

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

M 234

GEOGRAPHIC NAMES

Survey No. T-9591

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
Putgut Plateau										5
Kookoolik River took										6
~~Yagmalngak Mt.~~ h			(T-9583)							7
~~Poovoot Range~~			(T-9583)							8
~~Ikatoorsik River~~			(T-9582)							9
										10
										11
			Names underlined in red are approved							12
						12-9-52				13
						L. Heck				14
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M 234

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
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M 234

GEOGRAPHIC NAMES

Survey No.

T - 9593

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
Koozata Lagoon										5
Impaghuk Point										6
Kaklongegek Creek										7
										8
										9
										10
					Names approved					11
						12-18-53				12
							a.j.w			13
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M 234

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~~ were transferred to the North American 1927 Datum. (unadjusted)

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 Lands 13 Jan 1954
Chief, Review Section
Div. of Photogrammetry

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

Max G. Ketchett
Chief, Div. of Photogrammetry

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