

10365 THRU 10379

10365 THRU 10379

Diag. Cht. No. 9302.

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Topographic
Field No.	Ph-56
Office No.	T-10365 thru T-10379
LOCALITY	
State	Alaska
General locality	Nunivak Island
Locality	
19 <del>4</del> 50-51	
CHIEF OF PARTY	
M.J.Tonkel, Chief of Field Party	
E.H.Kirsch, Div. of Photo. Balto., Md.	
LIBRARY & ARCHIVES	
DATE	June 2, 1959.

DATA RECORD

T-10365 - T-10379, inclusive

Project No. (II): **Ph-56**                      Quadrangle Name (IV):

Field Office (II): **Portland, Oregon**

Chief of Party: **M. J. Tonkel**

Photogrammetric Office (III): **Baltimore, Maryland  
Washington, D. C.**

Officer-in-Charge: **E. H. Kirsch**

Instructions dated (II) (III):  
**2 April 1951  
14 December 1951  
21 December 1951**

Copy filed in Division of  
Photogrammetry (IV)

*Office Files*

Method of Compilation (III): **9 lens Reading plotter**

Manuscript Scale (III): **1:40,000**

Stereoscopic Plotting Instrument Scale (III): **1:20,000**

Scale Factor (III):

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **21 May 1957**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N.A. 1927 adj.**

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

Reference Station (III):

Lat.:

Long.:

Adjusted  
~~Unadjusted~~

Plane Coordinates (IV):

**UTM**

State:

Zone: **3**

Y=

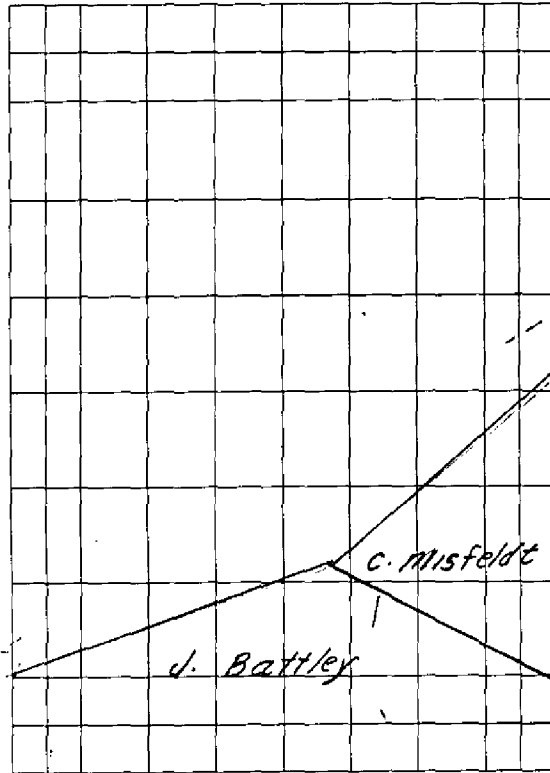
X=

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.



T- 10365

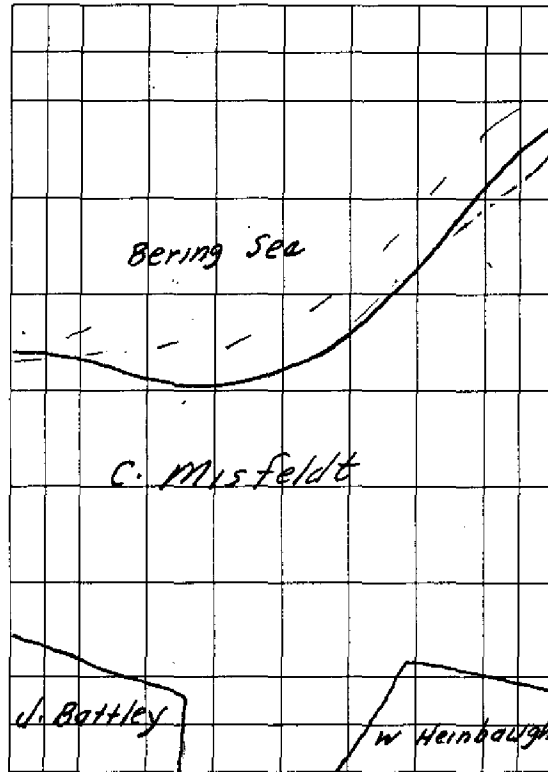


Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by J. Battley

7

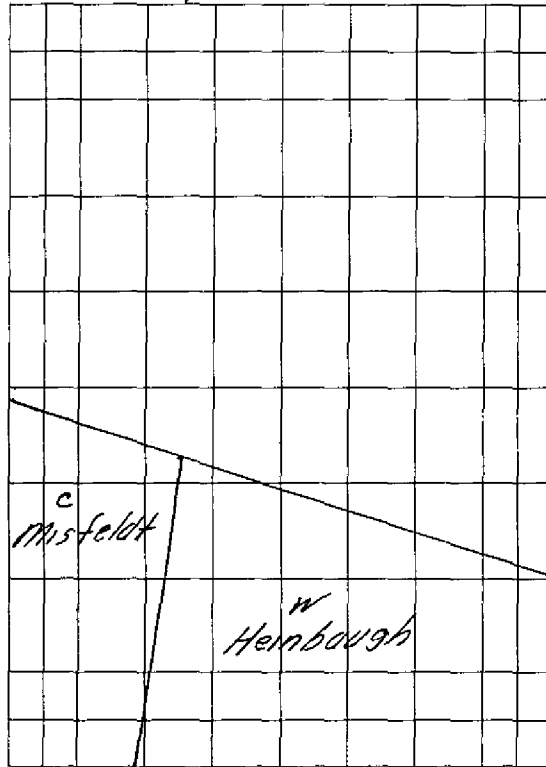
T-10366



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by C. Misfeldt

T-10367

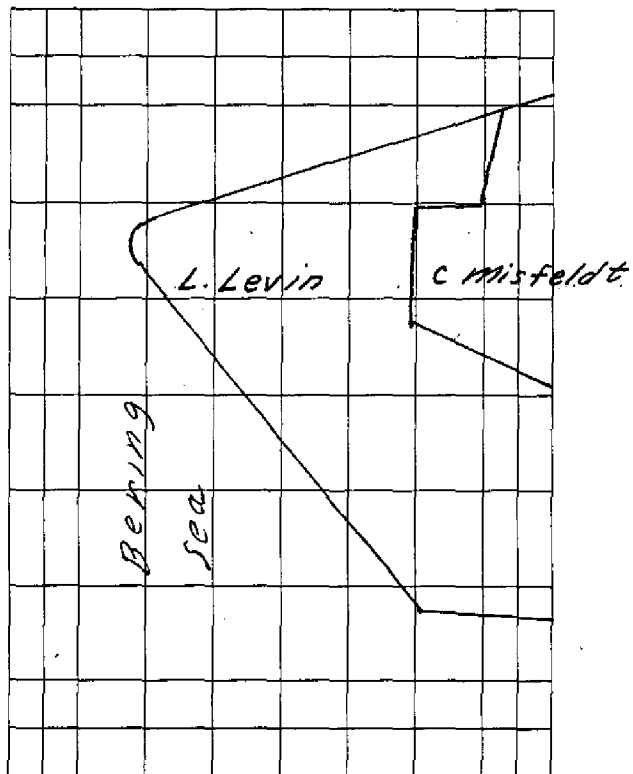


Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by J. Battley



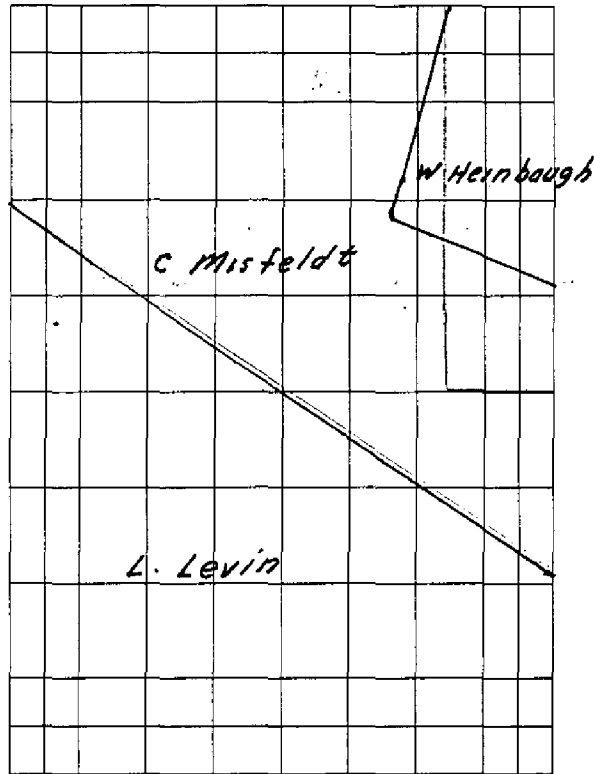
T-10369



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by C. Misfeldt

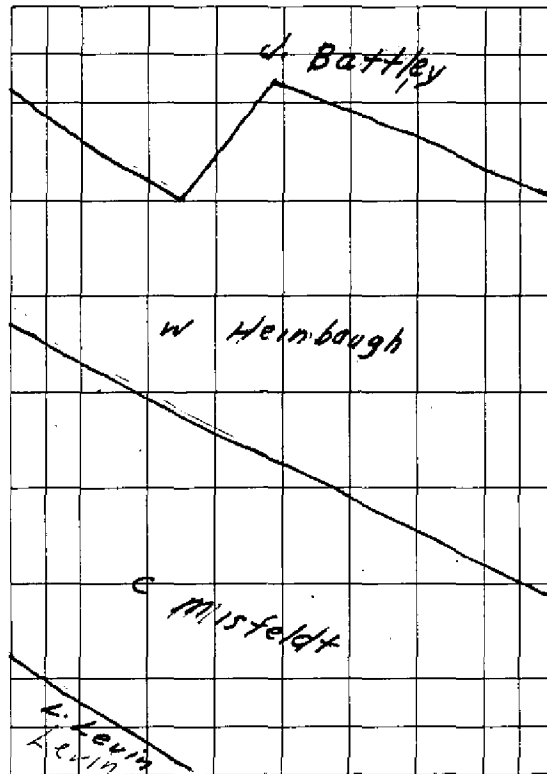
T - 10370



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by C. Misfeldt

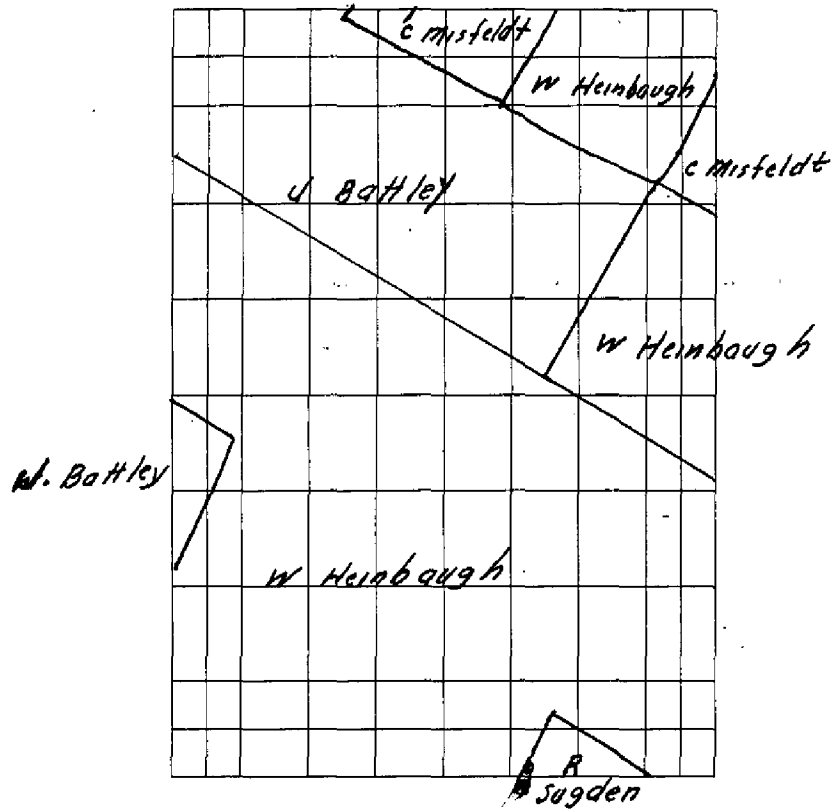
10371  
T-10371



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by: J. Battley  
W. Heinbaugh

T-10372



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by W. Heinbaugh

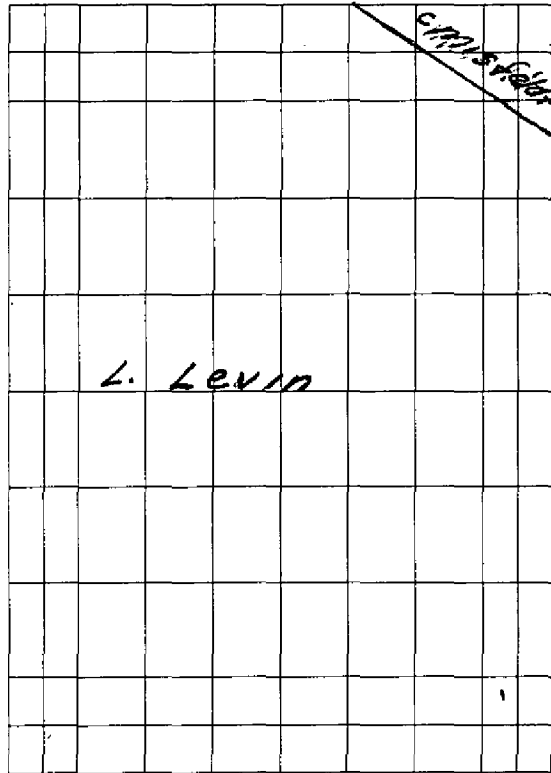








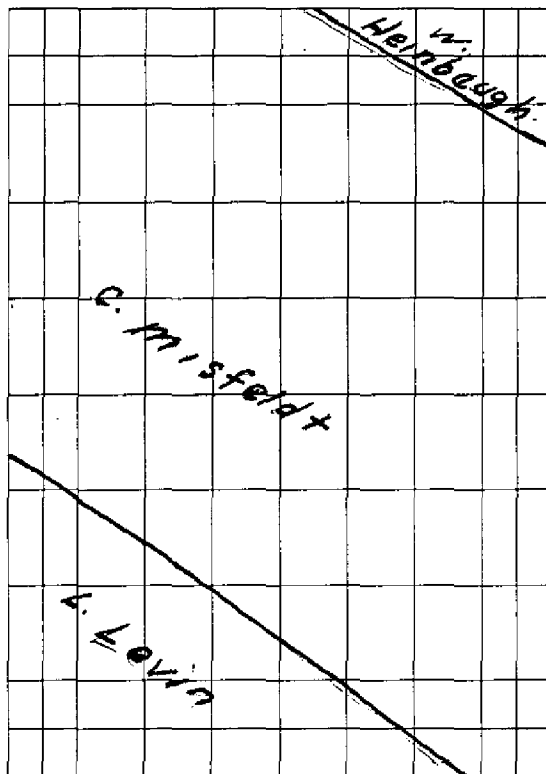
T-10376



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by C. Misfeldt

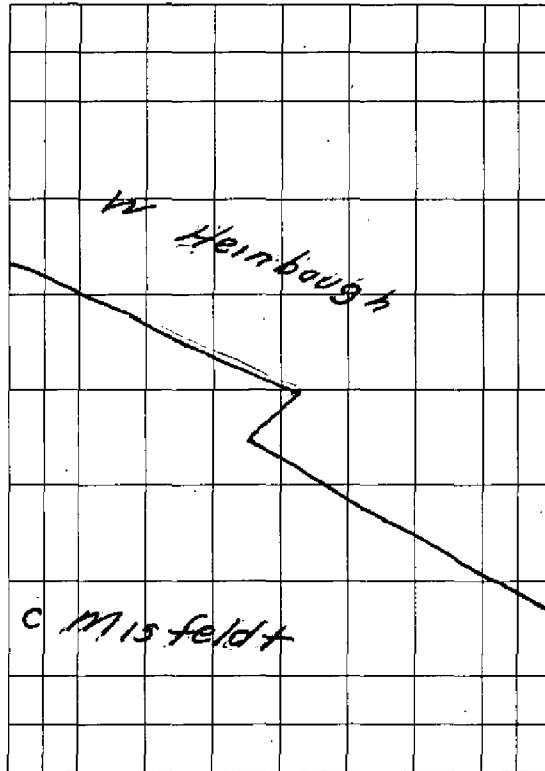
T- 10377



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of Instrument work sheets by C. Misfeldt

T-10378



Areas contoured by various personnel  
(Show name within area)  
(II) (III)

Review of instrument work sheets by C. Misfeldt



DATA RECORD

T-10365 - T-10379, inclusive

Field Inspection by (II): I. Zirpel

Date: July-Sept. 1951

Planetable contouring by (II): None

Date:

Completion Surveys by (II): None

Date:

Mean High Water Location (III) (State date and method of location): *Same as dates of photography with limited field inspection*

Projection and Grids ruled by (IV): A. Riley

Date: Sept. 1954

Projection and Grids checked by (IV): A. Riley

Date: Sept. 1954

Control plotted by (III): \*

Date:

Control checked by (III): \*

Date:

Radial Plot or Stereoscopic  
Control extension by (III): \*

Date:

Stereoscopic Instrument compilation (III):  
Planimetry \* \*  
Contours

Date:

Sept. 1955

Date:

Manuscript delineated by (III):

Date:

Photogrammetric Office Review by (III): \* \*

Date:

Sept. 1955

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

Date:

\*From 1:20,000 scale shoreline manuscripts  
\*\*See Page 2



Camera (kind or source) (III):

10365

Nine Lens, Model "B"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide *
<u>Office</u>				
38222, 223	7/19/52	15:50	1:20,000	4.6 above MLLW
38226-229	"	15:55	"	"
<u>Field</u>				
28902-904	8/14/50	approx. 13:50	1:20,000	
28930-932	"	" 14:30	"	

Tide (III)

Reference Station: Kodiak  
 Subordinate Station: Tachikuga }  
 Subordinate Station: Mekoryuk } \*  
 Subordinate Station: Nash Harbor }

Ratio of Ranges	Mean Range	Spring Range
		5.8 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: *8 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): *established*

Number of Triangulation Stations ~~searched for~~ (II): *3*

Recovered:

Identified: *3*

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): *One*

Number of Temporary Photo Hydro Stations established (III): *One*

Remarks: *\* Data furnished by Division of Tides and Currents*

Camera (kind or source) (III): *CCGS 9-L, 'B'*

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *		
		Time					
38218-21	7-19-52	15:50		1:20,000	4.1 above MLLW		
38229-31	"	16:05					
38194-98	"	15:20					
28879-81	8-14-50	approx. 13:05		1:20,000	2'	"	"
28898-28907	"	" 13:30		"	2'	"	"
28884, 85	"	13:10		"	2'	"	"

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga** )  
 Subordinate Station: **Nash Harbor** ) \*  
                                   **Mekoryuk** )

Ratio of Ranges	Mean Range	Spring Range
		7.7 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: *27 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~searched for~~ (II): **2**

Recovered:

Identified: **2**

Number of BMs searched for (II): **None**

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **3**

Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: \*Tide data furnished by Division of Tides and Currents.

10367

Camera (kind or source) (III):

C&GS 9-L, 'B'

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *
		Time			
28887-890	8-14-50	13:20 approx		1:20,000	3.4 above MLLW
28876-879	"	13:00 "		"	2.9 "
28898	"			"	
38194, 38195	7-19-52	15:19		"	

Tide (III)

Diurnal

Reference Station: **Kodiak**  
 Subordinate Station: **Nash Harbor**  
 Subordinate Station: **Makoryuk, Tachikuga**

Ratio of Ranges	Mean Range	Spring Range
		9.0 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: *29 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified: 2

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 2

Number of Temporary Photo Hydro Stations established (III): 1

Remarks: \*Tide data furnished by Division of Tides and Currents.

10368

Camera (kind or source) (III):

C&GS 9-L, "B"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide *
Office 28875 } 28876 }	8-14-50	13:00	1:20,000	2.9 above MLLW

Tide (III)

Diurnal

Reference Station: Kodiak  
 Subordinate Station: Tachikuga  
 Subordinate Station: Nash Harbor, Makoryuk

Ratio of Ranges	Mean Range	Spring Range
		9.3 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: 23 Feb 1956

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 2 Recovered: 2 Identified: 2

Number of BMs searched for (II): Recovered: Identified:

Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): None

Remarks: \*Tide data furnished by Division of Tides and Currents.

10369

Camera (kind or source) (III):

C & GS, 9-L, "B"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *
		Time			
38316-318	7-19-52	17:40		1:20,000	4.4' above MLLW
38321-325	"	17:45		1:20,000	4.5 " "
<u>Field</u>					
28993, 994 } 28963-968 }	8-14-50	Approx 15:30		"	"
	8-14-50	approx. 15:00		1:20,000	1.0 " "

Tide (III)

Diurnal

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga** )  
 Subordinate Station: **Nash Harbor** )  
**Mekoryuk** )

Ratio of Ranges	Mean Range	Range
	4.2	4.6

Washington Office Review by (IV): *Everett H. Ramsey*

Date: *4 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~established~~ (II): **5**

Recovered:

Identified: **5**

Number of BMs searched for (I):

Recovered:

Identified:

Number of Recoverable Photo Stations <sup>Topo</sup> established (III): **1**

Number of Temporary Photo Hydro Stations established (III): **7**

Remarks: **Tide data is based on information furnished directly by the Division of Tides and Currents.**

T-10370

Camera (kind or source) (III): *C&GS 9-L, "B"*

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide	*
38281-85	7-19-52	17:05	1:20,000	4.5 above MLLW	
38313-15	"	17:40	"	4.8 " "	
38325-28	"	17:50	"	5.3 " "	
<u>Field photos</u>					
28933-38	8-14-50	approx. 14:50	1:20,000	1.0 " "	
28961, 62	"	" 15:00	"	1.1	
28969, 70	"	" 15:05	"	1.3	

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga**  
 Subordinate Station: **Nash Harbor**  
**Mekoryuk**

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
		5.4 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: *4 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~searched for~~ (II): **7**

Recovered:

Identified: **7**

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **2**

Number of Temporary Photo Hydro Stations established (III): **8**

Remarks: **\*Tide data furnished by Division of Tides and Currents**

Camera (kind or source) (III): **9-Lens, Model "B"**

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide *
38273-277	7-19-52	17:00	1:20,000	4.4 above MLLW
38286-289	"	17:15	"	4.6 " "
38308-312	"	17:35	"	4.8 " "
28928-931	8-14-50	14:30	1:20,000	
28938-941		14:40		

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga**  
 Subordinate Station: **Nash Harbor, Mekoryuk**

Diurnal Spring *		
Ratio of Ranges	Mean Range	Spring Range
		5.0

Washington Office Review by (IV): *Everett H. Ramey*

Date: *8 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~established~~ (II): **3**

Recovered:

Identified: **3**

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **1**

Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: **\*Tide data furnished by Division of Tides and Currents.**

Camera (kind or source) (III): **9-Lens, Model "B"**

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *
		Time			
38269-273	7-19-52	16:55		1:20,000	
38217-220	"	15:50		"	
38229-233	"	16:00		"	
38290-293	"	17:20		"	
<u>Field</u>					
28902-910	8-14-50	14:10 (approx.)		"	
28924-928	"	14:20	"	"	
28942-946	"	14:30	"	"	

Tide (III) \*

Ratio of Ranges	Mean Range	Spring Range

Reference Station:  
Subordinate Station:  
Subordinate Station:

Washington Office Review by (IV): *Everett H. Ramsey*

Date: *27 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):  
Shoreline (More than 200 meters to opposite shore) (III):  
Shoreline (Less than 200 meters to opposite shore) (III):  
Control Leveling - Miles (II):  
Number of Triangulation Stations searched for (II):  
Number of BMs searched for (II):  
Number of Recoverable Photo Stations established (III):  
Number of Temporary Photo Hydro Stations established (III):

Recovered:  
Recovered:

Identified:  
Identified:

Remarks: **\*Entire area of map is above MHW.**



10373

Camera (kind or source) (III): C&GS 9-L "B"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
28895-898	8-14-50	13:40	1:20,000	#
38213-217	7-19-52	15:45	"	
38234-237		16:10	"	
38266-269		16:45	"	
<u>Field</u>				
28912-915	8-14-50	14:00	"	
28922-924	"	14:20	"	
28946-948	"	14:40	"	

Tide (III)

Reference Station:  
 Subordinate Station:  
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *Everett H. Ramey*

Date: *29 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): ~~established~~

Number of Triangulation Stations searched for (II): 2

Recovered:

Identified: 2

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks: **\*Entire map is above MHW.**

T-10374

Camera (kind or source) (III): **C & GS 9-L "B"**

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *		
		Time					
28875	8-14-50	14:40 (approx.)		1:20,000	2.5 above MLLW		
28891, 892, 894	"	15:00	"	"			
38211-213	7-19-52	15:35		"	4.4	"	"
38237-239	"	16:15		"	6.3	"	"

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga**  
 Subordinate Station: **Nash Harbor**  
**Mokoryuk**

Ratio of Ranges	Mean Range	Spring Range
		8.3 *

Washington Office Review by (IV): **Everett H. Ramey**

Date: **23 Feb 1956**

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~recovered~~ (II): **3**

Recovered:

Identified: **3**

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **5**

Number of Temporary Photo Hydro Stations established (III): **None**

Remarks: **\*The tide data was furnished by Division of Tides and Currents.**

Camera (kind or source) (III): C&GS 9-L "B"

		PHOTOGRAPHS (III)			
Number	Date	Time	Scale	Stage of Tide *	
28970, 971, 972	14-Aug.-50	15:05 (approx.)	1:20,000	2.8 above MLLW	

Tide (III)

Reference Station: Kodiak  
 Subordinate Station: Tachikuga  
 Subordinate Station: Nash Harbor  
 Subordinate Station: Mekoryuk

Washington Office Review by (IV): Everett H. Ramey

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): established

Number of Triangulation Stations ~~recovered~~ (II):

Number of BMs searched for (II):

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): 1

Recovered:

Recovered:

Identified: 1

Identified:

Diurnal

Ratio of Ranges	Mean Range	Spring Range
		5.6 *

Date: 4 Feb 1956

Date:

Date:

Date:

Remarks: \*The tide data for all of Nunivak was computed by the Division of Tides and Currents based on all of the subordinate stations listed above.

Camera (kind or source) (III): 9-Lens, "B"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide #
		Time			
28972-975	8-14-50	15:15		1:20,000	0.9 above MLLW
38328-332	7-19-52	18:00		"	4.8 " "

Tide (III)

Reference Station: Kodiak  
 Subordinate Station: Tachikuga  
 Subordinate Station: Nash Harbor  
 Mekoryuk

Ratio of Ranges	Mean Range	Spring Range
		4.3 #

Washington Office Review by (IV): *Everett H. Ramey*

Date: *8 Feb 1956*

Final Drafting by (IV): *John H Frazier*

Date: *30 July 1956*

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations ~~established~~ (II): *3*

Recovered:

Identified: *3*

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): *3*

Number of Temporary Photo Hydro Stations established (III): *None*

Remarks: *Tide data furnished by Division of Tides and Currents.*

10377

Camera (kind or source) (III): **Nine Lens "B" camera**

PHOTOGRAPHS (III)					
Number	Date	Time	Scale	Stage of Tide *	
38304-307, incl.	7-19-52	17:30	1:20,000	--	
38332-336, incl.	"	18:00	"	6.6 above MLLW	
28975, 976	8-14-50	15:15	"	3.5	" "
28978, 979	"	15:20	"	3.5	" "

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga**  
 Subordinate Station: **Nash Harbor**  
**Mekoryuk**

Ratio of Ranges	Mean Range	Spring Range
		6.1

Washington Office Review by (IV): **Everett H. Ramey**

Date: **27 Feb 1956**

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **established**

Number of Triangulation Stations ~~established~~ (II): **2**

Recovered:

Identified: **2**

Number of BMs searched for (II): **--**

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): **3**

Number of Temporary Photo Hydro Stations established (III): **2**

Remarks: **\*Tide data furnished by Division of Tides and Currents.**

Camera (kind or source) (III): *C&GS 9-L "B"*

Number	Date	Time	Scale	Stage of Tide *
38293-298	7-19-52	17:20	1:20,000	6.9 above MLLW
38300-304	7-19-52	17:25	1:20,000	6.8 " "
38336	"	18:07	"	6.6 " "
28978, 979	8-14-50	15:20	"	1.3 " "
29011	8-14-50	15:50	"	2.0 " "
28951	8-14-50	14:40	"	1.2 " "

Tide (III)

Reference Station: **Kodiak**  
 Subordinate Station: **Tachikuga**  
 Subordinate Station: **Nash Harbor**  
                                   **Mekoryuk**

Ratio of Ranges	Mean Range	Spring Range
		6.1 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: *29 Feb 1956*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): **identified**

Number of Triangulation Stations ~~3~~ (II): **4** Recovered: **9** Identified: **4**

Number of BMs searched for (II): Recovered: Identified:

Number of Recoverable Photo Stations established (III): **4**

Number of Temporary Photo Hydro Stations established (III): **1**

Remarks: \* Tide data for all of Nunivak Island was computed by the Division of Tides and Currents, based on the three subordinate stations listed above.

Camera (kind or source) (III): 9-Lens, "B"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide *		
		Time					
38238	7-19-52	16:14		1:20,000	6.2	above	MLLW
38242, 243	"	16:20		"	6.2	"	"
38265	"	16:42		"	6.2	"	"
38297, 298	"	17:20		"	6.2	"	"

Tide (III)

Reference Station: Kodiak  
 Subordinate Station: Tachikuga  
 Subordinate Station: Nash Harbor  
 Subordinate Station: Mekoryuk

Ratio of Ranges	Mean Range	Spring Range
		6.8 *

Washington Office Review by (IV): *Everett H. Ramey*

Date: 23 Feb 1956

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): established

Number of Triangulation Stations searched for (II): 2

Recovered:

Identified: 2

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 1

Number of Temporary Photo Hydro Stations established (III): None

Remarks: \*Tide data furnished by Division of Tides and Currents.

# TOPOGRAPHIC MAPPING PROJECT 6056

## ALASKA-BERING SEA, Scammon Bay to Kuskokwim Bay and Nunivak Island

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No. Area sq.miles

9680	46
9681	91
9682	68
9683	96
9684	12
9685	103
9686	80
9687	46
9688	91
9689	17
9690	103
9691	86
9692	103
9693	40
9694	23
9695	34
9696	80
9697	34
9698	103
9699	6
9700	110
9701	23
9702	112
9703	80
9704	112
9705	57
9706	103
9707	40
9708	108
9709	68
9710	91
9711	17
9712	108
9713	6
9714	91
9715	112
9716	108
9717	40
9718	68
9719	80
9720	80
9721	3
9722	3

Sub-total... 2,685

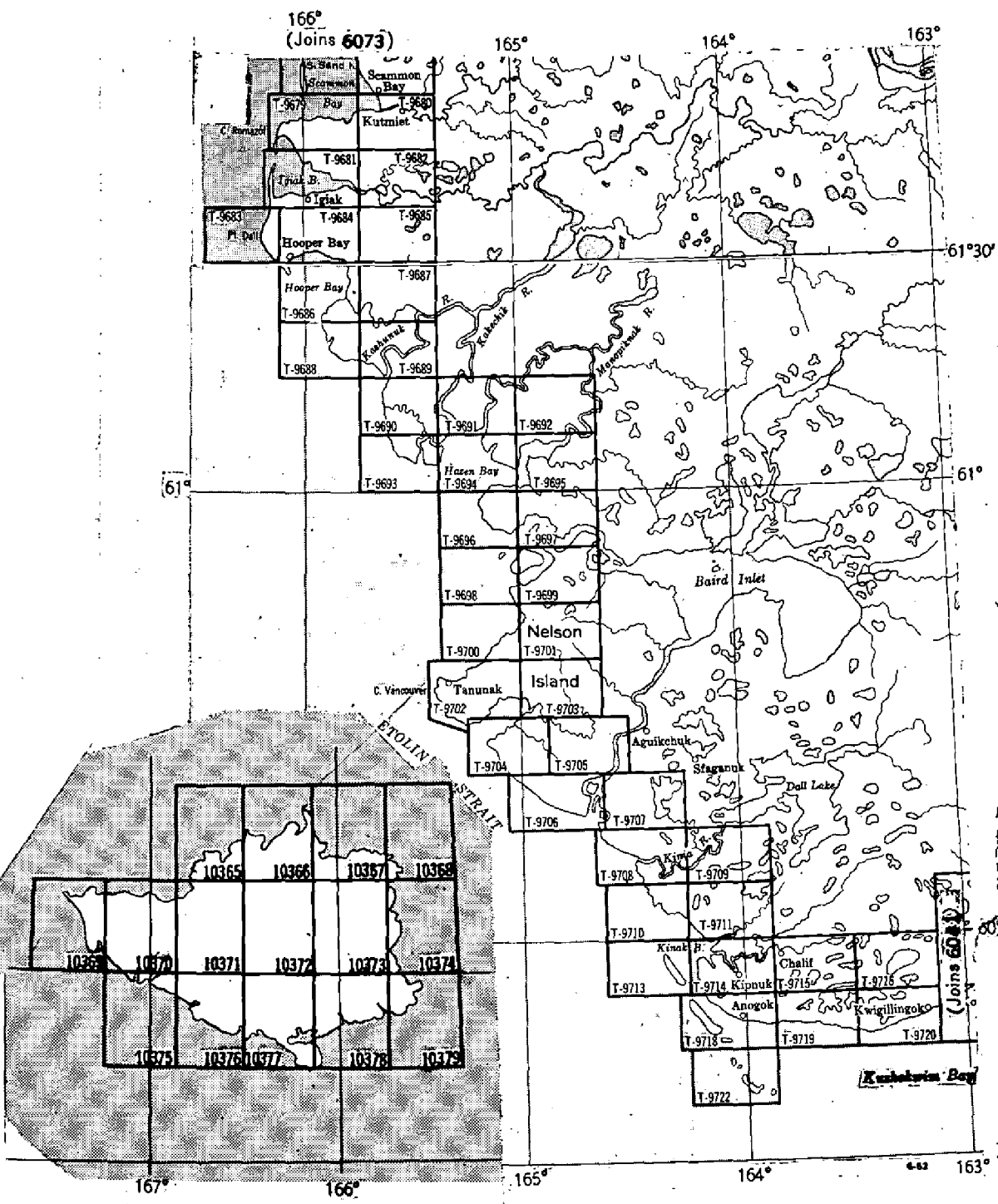
**Nunivak Island**

10365	49
10366	112
10367	70
10368	8
10369	47
10370	195
10371	220
10372	228
10373	228
10374	37
10375	14
10376	104
10377	158
10378	109
10379	35

Sub-total 1,614

Sub-total 2,685

TOTAL 4,299



Compiled 1:20,000 scale, from 1:20,000 scale nine-lens photographs, taken August, 1950 and June, 1951;

additional nine-lens photography to be taken; Season 1952.

(Refer to Air-Photo Indexes B-42, 50, 51, 52 and E-10.)



Summary to Accompany Maps of  
Nunivak Island in Project 6056

Nunivak Island has been mapped under Project 6056 by a series of shoreline maps at a scale of 1:20,000 and a series of topographic maps at a scale of 1:40,000. The shoreline maps are numbered T-9723 to T-9741, inclusive, and the topographic maps are numbered T-10365 to T-10379, inclusive. These two series of maps were adopted so as to satisfy the requirements of the Army Map Service and this Bureau, and to expedite drafting and compilation procedures.

Field work in advance of compilation was done in 1951 and included the establishment of horizontal and vertical control, tidal observations, limited inspection of shoreline and interior features, and the investigation of geographic names. No additional field work was accomplished.

The maps of this project were compiled using instrument work sheets at 1:20,000 scale from the nine-lens plotters. Photographs were nine-lens taken in 1950 and 1952. The shoreline manuscripts at 1:20,000 scale cover only shoreline and adjacent prominent planimetric features. Maps T-9728, T-9734, T-9735 and T-9740 are the exception to this and show contours and other topographic features. These were compiled prior to the adoption of the 1:40,000 scale topographic series for Bureau use which were compiled using work sheets reduced to 1:40,000 scale.

Items registered under T-numbers will include ~~other~~ *cronar julia postum* of the map manuscripts and a copy of the corresponding descriptive reports.

FIELD INSPECTION REPORT

(See Descriptive Report for T-9723 thru 9730)

RADIAL PLOT REPORT

(See Descriptive Report for T-9723 thru  
9730)

MAP T-10365 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			O	1	"	"		FORWARD	(BACK)	
KICKJOOT, 1951	p. 8	N.A. 1927	60	20	59.794			1850.6	( 6.4)	✓
Sub. Pt. A KICKJOOT, 1951			166	33	34.485			528.9	(391.3)	✓
Sub. Pt. B KICKJOOT, 1951			60	20				1819.8	( 37.2)	✓
			166	33				478.6	(441.6)	
			60	21				0.9	(1856.1)	✓
			166	33				454.2	( 466.8)	
INLET, 1951	p. 2	N.A. 1927	60	18	32.556			1007.6	(849.4)	✓
Sub. Pt. A INLET, 1951			166	44	05.015			77.0	(844.3)	✓
			60	18				958.9	(898.1)	✓
			166	44				206.5	(714.8)	✓
Sub. Pt. B INLET, 1951			60	18				1022.9	(834.1)	✓
			166	44				165.6	(755.7)	✓
JINGIA, 1951	p. 5	N.A. 1927	60	16	15.235			471.5	(1385.5)	✓
Sub. Pt. JINGIA, 1951			166	49	10.918			167.8	( 754.6)	✓
			60	16				546.6	(1310.4)	✓
			166	49				228.1	(694.3)	

MAP T-10366 PROJECT NO Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			O	E	N	W		FORWARD	(BACK)	
ETOLIN, 1951	Nunivak Island P. 1	N.A. 1927	60	25	42.935			1328.8	528.2	
Sub. Pt. ETOLIN, 1951			166	09	29.546			452.0	465.9	
MEKORYUK, 1951	Nunivak Island P. 5	N.A. 1927	60	23	11.573			1163.9	693.1	
Sub. Pt. MEKORYUK, 1951			166	09				643.7	274.2	
DANIEL, 1951	Nunivak Island P. 2	N.A. 1927	60	20	19.541			358.2	1498.8	
Sub. Pt. A DANIEL, 1951			166	21	28.930			38.7	880.5	
Sub. Pt. B DANIEL, 1951			60	20				371.3	1485.7	
V-13, 1951	Comp.	N.A. 1927	166	21				55.1	864.1	
Sub. Pt. V-13, 1951			60	17	18.571			604.8	1252.2	
			166	26	50.382			443.8	476.7	
			60	20				599.6	1257.4	
			166	21				270.5	650.0	
			60	20				557.0	1300.0	
			166	21				255.8	664.7	
			60	17	18.571			574.8	1282.2	Not 3rd-order A
			166	26	50.382			774.1	147.8	
			60	17				520.2	1336.8	
			166	26				711.1	210.8	

MAP T-10367 PROJECT NO Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			$\phi$	$\lambda$	FORWARD	(BACK)		FORWARD	(BACK)	
MELLON, 1951	Nunivak Island p. 5	N.A. 1927	60 19	52.607				1628.2	( 228.8)	✓
Sub. Pt. A. MELLON, 1951			165 54	10.130				155.4	( 765.3)	
Sub. Pt. B MELLON, 1951			60 19					1750.3	( 106.7)	
			165 54					248.7	( 672.0)	✓
			60 19					1564.7	( 292.3)	✓
			165 53					871.5	( 49.2)	✓
POINT, 1951	Nunivak Island p. 7	N.A. 1927	60 20	40.984				1268.5	( 588.5)	✓
Sub. Pt. A POINT, 1951			166 03	56.730				870.2	( 50.2)	✓
			60 20					1330.2	( 526.8)	✓
			166 03					908.8	( 11.6)	
Sub. Pt. B POINT, 1951			60 20					1157.0	( 700.0)	✓
			166 03					916.6	( 3.8)	





MAP T-10369 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
			0	1			FORWARD	(BACK)	
GRASS, 1951	Nunivak Island p. 5	N.A. 1927	60 13	33.209			1027.8	(829.2)	✓
Sub. Pt. "A" GRASS, 1951			167 18	29.309			451.2	(472.5)	
Sub. Pt. "B" GRASS, 1951			60 13				1029.7	(827.3)	
Sub. Pt. "B" GRASS, 1951			167 18				432.7	(491.0)	
Sub. Pt. "A" GRASS, 1951			60 13				1053.0	(804.0)	✓
Sub. Pt. "B" GRASS, 1951			167 18				474.3	(449.4)	
CAPE MOHICAN LIGHT, 1951	Nunivak Island p. 9	"	60 12	43.772			1354.7	(502.3)	✓
CAPE MOHICAN LIGHT, 1951			167 27	20.391			314.0	(610.0)	
MOHICAN NORTH WEST BASE, 1951	" p. 4	"	60 07	46.447			1437.5	(419.5)	✓
MOHICAN NORTH WEST BASE, 1951			167 18	56.931			879.0	(47.4)	✓
Sub Pt. "A" MOHICAN N. W. BASE, 1951			60 07				1602.0	(255.0)	✓
Sub Pt. "B" MOHICAN N. W. BASE, 1951			167 18				790.2	(136.2)	✓
Sub Pt. "A" MOHICAN S. E. BASE, 1951			60 07				1579.1	(277.9)	✓
Sub Pt. "B" MOHICAN S. E. BASE, 1951			167 18				758.4	(168.0)	✓
MOHICAN SOUTH EAST BASE, 1951	Nunivak Island p. 4	"	60 05	50.330			1557.7	(299.2)	
MOHICAN SOUTH EAST BASE, 1951			167 17	56.451			872.5	(54.8)	✓
Sub Pt. MOHICAN S. E. BASE, 1951			60 05				1272.5	(584.4)	✓
Sub Pt. MOHICAN S. E. BASE, 1951			167 17				894.0	(33.3)	✓
DOLLY, 1951	Nunivak Island p. 5	"	60 03	57.527			1780.4	(76.5)	✓
DOLLY, 1951			167 15	17.205			266.1	(662.0)	✓
Sub Pt. DOLLY, 1951			60 03				1726.6	(130.3)	✓
Sub Pt. DOLLY, 1951			167 15				316.5	(611.6)	✓

1 FT. = 3048006 METER COMPUTED BY: A. Oreen DATE: 20 April 1954 CHECKED BY: L. A. Senasack DATE: 10 May 1954 M-2388-12



MAP T. 10370 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $y$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N. A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			O	I	"	"		FORWARD	(BACK)	
HARBOR, 1951	p. 3	N. A. 1927	60	12	51.559			1595.8	( 261.2)	✓
Sub. Pt. A HARBOR, 1951			166	59	04.336			66.8	( 857.2)	✓
Sub. Pt. B HARBOR, 1951			60	12				1497.4	( 359.6)	✓
			166	59				16.0	( 908.0)	✓
			60	12				1418.4	( 438.6)	✓
			166	59				42.0	( 882.0)	✓
NASH, 1951	p. 5	N. A. 1927	60	12	28.907			894.6	( 962.3)	✓
			166	56	24.644			379.6	( 544.6)	✓
LUKLUK, 1951	p. 3	"	60	09	09.584			296.6	( 1560.3)	✓
			167	08	07.838			120.9	( 804.8)	✓
Sub. Pt. A LUKLUK, 1951			60	09				233.9	( 1623.0)	✓
			167	08				155.8	( 769.9)	✓
Sub. Pt. B LUKLUK, 1951			60	09				270.4	( 1586.5)	✓
			167	08				174.1	( 751.6)	✓
V-12, 1951			60	07	46.673			1444.5	( 412.5)	Not 3 <sup>rd</sup> order
			167	00	45.289			699.3	( 227.1)	✓ $\Delta$
Sub. Pt. V-12, 1951			60	07				1457.9	( 399.1)	✓
			167	00				568.8	( 357.6)	✓
V-11, 1951		"	60	05	54.328			1681.4	( 175.5)	Not 3 <sup>rd</sup> order
			166	55	55.710			861.0	( 66.3)	$\Delta$
Sub. Pt. A V-11, 1951		"	60	05				1666.2	( 190.7)	✓
			166	55				838.2	( 89.1)	✓
Sub. Pt. B V-11, 1951		"	60	05				1700.2	( 156.7)	✓
			166	55				825.8	( 101.5)	✓

MAP T. 10270 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			O	I	II	III		FORWARD	(BACK)	
CLEAR, 1951	p. 4	N.A. 1927	60	05	06.416			198.6	(1658.4)	✓
Sub. Pt. A CLEAR, 1951		"	167	12	34.637			535.5	( 392.1)	✓
Sub. Pt. B CLEAR, 1951		"	60	05				242.6	(1614.4)	✓
		"	167	12				543.2	( 384.4)	
Sub. Pt. B CLEAR, 1951		"	60	05				247.1	(1609.9)	✓
E.P.I. MAST (Sta- tion Dog), 1951	p. 9	"	167	12				513.6	( 414.0)	
		"	60	03	32.216			997.1	( 859.9)	✓
PIERCE, 1951	p. 5	"	167	14	22.714			351.5	(576.9)	
		"	60	03	31.475			974.1	( 882.8)	✓
Sub. Pt. A PIERCE, 1951		"	167	14	17.004			263.1	( 665.3)	
		"	60	03				1074.8	( 782.1)	✓
Sub. Pt. B PIERCE, 1951		"	167	14				275.8	( 652.5)	✓
		"	60	03				1040.9	( 816.0)	
SHORAN MAST (Sta- tion Dog), 1951	p. 9	"	167	14	07.980			176.3	( 752.1)	✓
		"	60	03	30.516			944.4	( 912.5)	✓
KNOLL, 1951	p. 3	"	167	11	03.976			123.5	( 804.9)	✓
		"	60	02	20.322			628.9	(1228.0)	✓
Sub. Pt. A KNOLL, 1951		"	167	11				61.6	( 867.4)	
		"	60	02				523.5	(1333.4)	
Sub. Pt. B KNOLL, 1951		"	167	11				115.6	( 813.4)	
		"	60	02				522.6	(1334.3)	
TACHY, 1951	p. 8	"	167	11				131.6	( 797.4)	
		"	60	00	12.79			395.8	(1461.1)	
		"	167	03	36.62			567.6	( 362.4)	





MAP T-10372 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			0	1	''	'''		FORWARD	(BACK)	
MUSK OX, 1951	Munivak Island P. 1	N.A. 1927	60	14	04.350			134.6	(1722.4)	✓
Sub. Pt. MUS/OX, 1951			166	14	59.659			918.2	( 5.2)	✓
V-14, 1951	Comp.		60	07	37.652			389.3	(1467.7)	✓
Sub. Pt. A V-14, 1951			166	14				706.6	( 216.8)	✓
Sub. Pt. B V-14, 1951			60	07	37.652			1165.3	( 691.6)	Not shown as
ROBERTS, 1951	Munivak Island P. 1	N.A. 1927	166	24	48.683			751.7	( 174.8)	Δ
Sub. Pt. A ROBERTS, 1951			60	07				1157.3	( 699.6)	✓
Sub. Pt. B ROBERTS, 1951			166	24				776.9	( 149.6)	✓
Sub. Pt. A ROBERTS, 1951			60	07				1172.0	( 684.9)	✓
Sub. Pt. B ROBERTS, 1951			166	24				790.4	( 136.1)	✓
Sub. Pt. A ROBERTS, 1951			60	01	43.725			1353.2	( 503.7)	✓
Sub. Pt. B ROBERTS, 1951			166	15	37.577			582.0	(347.3)	✓
Sub. Pt. A ROBERTS, 1951			60	01				1360.7	( 496.2)	✓
Sub. Pt. B ROBERTS, 1951			166	15				572.6	( 356.7)	✓
Sub. Pt. A ROBERTS, 1951			60	01				1334.0	( 522.9)	✓
Sub. Pt. B ROBERTS, 1951			166	15				580.0	( 349.3)	✓









MAP T. 10376 PROJECT NO. Ph-56 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			O	I	''	''		FORWARD	(BACK)	FORWARD	(BACK)
DEWEY, 1951	Nunivak Island p. 8	NA 1927	59	51	09.703			300.3	1556.6		
Sub. Pt. A DEWEY, 1951			166	35	49.863			776.4	157.8		
Sub. Pt. B DEWEY, 1951			59	51				556.7	1300.2		
Sub. Pt. A DEWEY, 1951			166	35				800.8	133.4		
Sub. Pt. B DEWEY, 1951			59	51				290.2	1566.7		
Sub. Pt. A DEWEY, 1951			166	35				748.8	185.4		
REINDEER, 1951	Nunivak Island p. 2	NA 1927	59	58	55.873			1729.1	127.7		
Sub. Pt. A REINDEER, 1951			166	34	01.237			19.2	911.4		
Sub. Pt. B REINDEER, 1951			59	58				1758.8	98.0		
Sub. Pt. C REINDEER, 1951			166	34				46.6	884.0		
Sub. Pt. A REINDEER, 1951			59	58				1747.0	109.8		
Sub. Pt. B REINDEER, 1951			166	33				859.6	71.0		
Sub. Pt. C REINDEER, 1951			59	59				179.8	1677.0		
CLIFF, 1951	Nunivak Island p. 3	NA 1927	166	33				779.6	151.0		
Sub. Pt. A CLIFF, 1951			59	53	51.027			1579.2	277.7		
Sub. Pt. B CLIFF, 1951			166	44	49.677			772.4	160.5		
Sub. Pt. C CLIFF, 1951			59	53				1452.9	404.0		
Sub. Pt. A CLIFF, 1951			166	44				893.8	39.1		







COMPILATION REPORT  
T-10365 thru T-10379

31. This report covers the instrument delineation of the 1:40,000 scale topographic maps of all of Nunivak Island. The shoreline detail and topography were compiled simultaneously on the Reading nine lens plotters at 1:20,000 scale using rectified metal mounted photographs. UTM grid intersections were applied to the work sheets by adjusting the work sheets to the radial plot base sheets. The work sheets were then photographically reduced to 1:40,000 scale and forwarded to the drafting section, where the shoreline is to be inked at 1:20,000 scale and the topographic detail scribed at 1:40,000 scale (the 1:20,000 scale shoreline compilation is the subject of a separate report. See attached index for numbers of shoreline maps.).
32. Control. See radial plot report for discussion of horizontal control. The vertical control was adequate. With reference to paragraph 26 of the radial plot report it was found that in most cases where the radial plot office changed the field identification of a "V" station the elevation held during instrument compilation. In two instances, V-1087 (T-10376) and V-1033 (T-10377), it was found that the original field identification was correct. Only the elevations of the field control points which fell on identifiable features were carried forward on to the manuscript. The lake surface elevations furnished by the field party have been shown as unchecked because of the methods used in obtaining them and also because of the fluctuation of the water level.
33. Supplemental data. None
34. Contouring and Drainage. No unusual difficulty was encountered in delineating the contours and drainage.
35. Shoreline, alongshore and offshore details: See  
& 36 the reports for the 1:20,000 scale shoreline maps covering the island. An index of these maps is included in this report. See § 66
37. Landmarks and aids. Form No. 567 is resubmitted for one landmark which does not fall on any of the shoreline sheets. (Forms 567 has been submitted with the shoreline compilations for all other landmarks.) The position of the landmark supercedes that on the previously submitted form which was on unadjusted datum.
38. Control for future surveys. See the reports for the 1:20,000 scale shoreline manuscripts.



39. Junctions. Only the instrument work sheets were joined in this section. *Junctions between maps were made during review. ETR*
40. Horizontal and vertical accuracy. Not applicable.
46. Comparison was made with USGS 1:250,000 scale topographic maps - "Nunivak Island and Cape Mendenhall, 1951".
47. Comparison was made with nautical charts Nos. 9102 and 8851.
48. Geographic Names. All names except "Nunivak National Wild Life Refuge" were taken from the geographic names report and index, which was furnished by the field party and verified by the Geographic Names Section. The excepted name was taken from the USGS maps listed in paragraph 46. The geographic names lists are appended.
49. Notes to the hydrographer. See 1:20,000 scale shoreline maps. *(Pages are included in the Descriptive Reports for the corresponding T-numbers) ETR*

Respectfully submitted:

*Louis Levin*

Louis Levin  
Supervisory Cartographer  
Nine Lens Unit

Approved and Forwarded:

*Charles Theurer*

Charles Theurer  
Supervisory Photogrammetric Engineer



Review Report  
Topographic Maps T-10365 Thru T-10379  
14 March 1956

62. Comparison with Registered Topographic Surveys:

T-2610      1:40000      1902

This survey falls in the area covered by T-10369 and is to be superseded by T-10369 (or Shoreline Surveys T-9728 and T-9734) for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

Cape Mendenhall, Alaska (USGS), 1:250000, 1951  
Nunivak Island,      "      "      "      "

Topographic and planimetric details are very generalized and approximate on these maps which preclude a detailed comparison. It should be noted that hydrographic information is not available in sufficient quantity to show curves in as much detail as these maps show.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

8851, March 1953  
9302, 1952, corrected to 53-6/15

Minor differences were detected between maps and Chart 8851.

66. Adequacy of Results and Future Surveys:

Only a limited field inspection of alongshore features was made. Thus these features are somewhat generalized and are subject to errors in office interpretation of fowl limits, rock heights, etc. Otherwise, no significant deficiencies in accuracy or adequacy of the maps were indicated.

  
Everett H. Ramey



APPROVED BY:

*L. C. Landy*

Chief, Review & Drafting Section  
Photogrammetry Division

*Max. K. K. K.*

Chief, Nautical Chart Branch  
Charts Division

*R. W. Swanson*

Chief, Photogrammetry Division

*W. L. Swell*

Chief, Coastal Surveys Division

*12 May 1959*

*[Signature]*

*Office Memorandum* • UNITED STATES GOVERNMENT

TO : Division of Photogrammetry

DATE: Dec. 12, 1955.

FROM : Geographic Names Section.

SUBJECT: Names on Nunivak Island Maps.

The approved name lists for T-10365 to T-10379 (project Ph-56) are returned herewith.

Since nearly all of these names for features on Nunivak Island are being applied for the first time, it seems desirable to have on record the measures that were taken with a view to making them as correct as possible. On Dec. 10, 1952, all the material received from the field party was forwarded to the Board on Geographic Names, in order that it might be sent to the Board's subcommittee in Alaska. For some reason this request was overlooked, and it was not until December 18, 1953, that the Board complied with our request. The reply from the Alaska Advisory is dated January 30, 1954. It deals with general rules rather than with specific names and must have been rushed (note the final sentence in the Board's letter of Dec. 18, 1953). Attention is called to the final paragraph of the letter from Alaska, commenting favorably upon the report from our field party.

  
Lewis Heck

Enclosures:  
Copies of four letters.

9  
854-eab

December 10, 1952

U.S. Board on Geographic Names  
Department of the Interior  
Washington, D.C.

Attention: Miss Fitton

Dear Madam:

With reference to the question of names on Nunivak Island, Alaska, and to the report of a Coast and Geodetic Survey field party which contains many new names as well as variations for those already published, I enclose this report and a tracing of the airphoto mosaic which accompanied it, as well as the preliminary sheet upon which the field party based its investigations.

It is requested that these three enclosures be forwarded to the member of the faculty of the University of Alaska who has been mentioned in this connection, in order that he may look over these reported names and make any pertinent suggestions as to the final form in which they are to appear on the new large-scale maps of the island, as well as on the other maps and charts on which it is shown. These three enclosures should be returned with his comments.

It will be noted that there are a few minor discrepancies between the names on the tracing and those typed in the report but they do not appear to be important, nor to affect the names of any major features on the island.

Very truly yours,

Acting Director

C  
O  
P  
Y

December 18, 1953

AIR MAIL

Mr. R. N. DeArmond  
Secretary, Advisory Committee on Alaskan Names  
Office of the Governor  
Juneau, Alaska

Dear Mr. DeArmond:

The Board made a number of decisions in 1950 for names on St. Lawrence Island. At that time the Advisory Committee on Alaskan Names gave us assistance regarding the spellings of the Eskimo words and the usage of some of the generics. We now have a similar group of names for Nunivak Island on which we would like the Committee's advice.

I believe that the enclosed material, supplied by the United States Coast and Geodetic Survey, is self-explanatory. The Coast Survey plans to bring out a new chart of the island, using the new place-names which have been sent in by their field party. However, we wish to have the rendition of the Eskimo names as nearly as possible consistent with general usage. We particularly question the use of mute, x, k, oo, and ah, and the c in Pnothacat, feeling that miut, ks, and perhaps u. a. and k would be preferable.

It was suggested to us some time ago that Ivar Skarland at the University of Alaska might be able to help with such names, but I do not know whether he is still there. You may wish to send the material to him before returning it to us. The Coast Survey wishes all 3 of these items returned to them ultimately: report of the Coast Survey field party, tracing of the air photo mosaic which accompanied the report, and the preliminary sheet (135 B Kipnuk) with manuscript annotations, on which the field party based its investigations.

→ We have about a month to work on this, if necessary.

Very truly yours,

/s/ Meredith F. Burrill

Meredith F. Burrill  
Executive Secretary

Enclosures

UNITED STATES  
BOARD ON GEOGRAPHIC NAMES  
DEPARTMENT OF THE INTERIOR  
WASHINGTON 25, D. C.

Feb. 5, 1954

Director  
Coast and Geodetic Survey  
Washington 25, D. C.

Dear Sir: Attention: Mr. Lewis Heck

At the request of Mr. Lewis Heck we submitted the Coast Survey field party's names on Nunivak Island to our Alaskan Names Advisory Committee for comment.

Copies of our letter to the Advisory Committee and their reply are enclosed. We are also returning herewith the typed names report of the Coast Survey field party, the tracing of the air photo mosaic which accompanied the report, and the preliminary sheet (135 B Kipruk) with manuscript annotations, on which the field party based its investigations.

Very truly yours,

(Signed) Meredith F. Burrill

Enclosures

Meredith F. Burrill  
Executive Secretary



TERRITORY OF ALASKA  
Office of the Governor  
Juneau

C  
O  
P  
Y

Copy of enclosure  
to G.N. 8, 1954

January 30, 1954

Dr. Meredith F. Burrill  
Executive Secretary  
United States Board on  
Geographic Names  
Washington, D. C.

Dear Dr. Burrill:

The Advisory Committee has considered matters recently submitted to it by the Board, including names for Nunivak Island.

With respect to the latter subject, the Committee has consulted with Dr. Ivar Skarland and with some others who might have knowledge of the subject.

The Committee recommends the use of miut in place of miite. The Committee recommends that x not be used and that k be used instead when that sound is indicated. (Note: Mr. Mutziger of the Linguistics Section of the Division of Geography believes that the Alaskan Names Advisory Committee meant ks, not k alone, to be used instead of x.)

If the Eskimo pronunciations are to be followed, the Committee recommends the use of oo in place of u, although the latter is now in use in a good many place names. Unalaska is an example. This is now almost universally given the short u sound in place of the long oo sound. The Committee also feels that k is preferable to g in indicating the Eskimo value of that sound in such names as Pnothakat. The Committee questioned the initial Pn without a vowel in this particular name but has no information to offer.

In general, the sources and information reported by the Coast Survey are good and the Committee has nothing further to offer.

Sincerely,

/s/ R. N. De Armond

R. N. De Armond, Secretary  
Advisory Committee on  
Alaskan Names



GEOGRAPHIC NAMES

Survey No. 10365

1941 I

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Nunivak Island</u> ✓											1
<u>Alaska</u>											2
<u>Bering Sea</u> ✓											3
<u>Ahnowksat Rocks</u> ✓	✓										4
<u>Dahtkit Cove</u> ✓	✓										5
<u>Oronikowaktalik Rock</u> ✓	✓										6
<u>Abaramiut</u> ✓	✓										7
<u>Kahnirukmiut</u> ✓	✓										8
<u>Kahniruk River</u> ✓	✓										9
<u>Nariksmiut</u> ✓	✓										10
<u>Nariksmiut River</u> ✓	✓										11
<u>Kikiktaik Rock</u> ✓	✓										12
<u>Ahding River</u> ✓	✓										13
<u>Ahdingmiut</u> ✓	✓										14
<u>Chingeeruk Point</u> ✓	✓										15
<u>Nunivak National</u> ✓	✓										16
<u>Wildlife Refuge</u>											17
<u>Second Judicial District</u> ✓											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Kikoojit Rocks ✓

Names approved  
12-9-55. L. Heck



GEOGRAPHIC NAMES 204/IV

Survey No. 10366

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Alaska</u>	-										1
<u>Bering Sea</u>	-										2
<u>Cape Etolin</u>	-	✓									3
<u>Mekoryuk</u>	-	✓									4
<u>Mekoryuk River</u>	-	✓									5
<del>Kopy</del>											6
<u>Nunivak Island</u>	-										7
<u>Nunivak National</u>											8
<u>Wildlife Refuge</u>	-										9
<u>Portage</u>	-										10
<del>Nabakyalik Point</del>											11
<u>Ooklik Dunes</u>	-										12
<del>Kangyaktak Point</del>											13
<u>Ahkitook (summer camp)</u>	-	✓									14
<u>Ahrayuksookwit Bluff</u>	-	✓									15
<u>Ingriruk Hill</u>	-	12									16
<u>Ingrijoak Hills</u>	-	✓									17
<u>Jookswarat Bay</u>	-	✓									18
<u>Kangeekiktharuk Cove</u>	-	✓									19
<u>Kimikthak Hills</u>	-	✓									20
<u>Nabaksyalik Point</u>	-	✓									21
<u>Nanwaksthak Lake</u>	-	✓									22
<u>Kimijooksuk Buttes</u>	-	12									23
<u>Kiolik Hill</u>	-	✓									24
<u>Second Judicial District</u>											25
<u>Kikartik Rock</u>											26
<u>Arwirruk Rock</u>											27

(on T-10367) ENR

(on T-10367) ENR

(on T-10367) ENR

Names approved  
12-8-55. L. Heck



GEOGRAPHIC NAMES

Survey No. 10367

2041 I

Name on Survey											
	A	B	C	D	E	F	G	H	K		
<u>Nunivak Island</u> ✓											1
<u>Alaska</u> ✓											2
<u>Bering Sea</u> ✓											3
<u>Etolin Strait</u> ✓	✓	✓									4
<u>Binowarat</u> ✓											5
<u>Kangeekiksatharuk Cove</u> ✓											6
<u>Dunulim<sup>m</sup>jingia Point</u> ✓											7
<u>Triangle Island</u> ✓											8
<u>Kikartamjingia Point</u> ✓											9
<u>Kookjilik Point</u> ✓											10
<u>Kikmiktalikamiut</u> ✓											11
<u>Kaneetaksmiut</u> ✓											12
<u>Dakeekathrimjingia</u> ✓											13
<u>Point</u> ✓											14
<u>Dakeekalik Creek</u> ✓											15
<u>Koweejoongak River</u> ✓											16
<u>Jingeeruk Point</u> ✓											17
<u>Kuvlomiut</u> ✓											18
<u>Daparakmiut</u> ✓											19
<u>Kangnaksnak Point</u> ✓											20
<u>Second Judicial District</u> ✓											21
<u>Nunivak National</u> ✓											22
<u>Wildlife Refuge</u> ✓											23
<u>Nabakyalik Point</u> ✓											24
											25
											26
											27

OK to use this name on maps  
E of Capetolin 2-22-52  
L.H.

Point  
r.H.

Division

Names approved  
12-8-55 L. Heck

214/14

GEOGRAPHIC NAMES

Survey No. 10368

Name on Survey											
	A	B	C	D	E	F	G	H	K		
<u>Nunivak Island</u> ✓											1
<u>Alaska</u>											2
<u>Cape Manning</u> ✓		✓									3
<u>Ikathleewik Bay</u> ✓		✓									4
<u>Ikathleewimjingia Point</u> ✓		✓									5
<u>Etolin Strait</u> ✓											6
<u>Nunivak National</u>											7
<u>Wildlife Refuge</u> ✓											8
<u>Second Judicial Division</u> ✓											9
											10
											11
											12
											13
											14
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											26
											27

Names approved  
12-8-55 L Heck



GEOGRAPHIC NAMES

Survey No. 10369

1841 II

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Alaska</u>											1
<u>Bering Sea</u>											2
<u>Binakbak Bluff</u>											3
<u>Cape Mohican</u>											4
<u>Ikook Pt</u>											5
<u>Ikooksniut (summer camp)</u>											6
<u>Ikookstakwak Cove</u>											7
<u>Mikisaginiut (summer camp)</u>											8
<u>Nunivak Island</u>											9
<u>Nunivak National Wildlife Refuge</u>											10
<u>Second Judicial Division (Title)</u>											11
<u>Datheekook Point</u>											12
<u>Dooksook Lagoon</u>											13
<u>Dooksook River</u>											14
<u>Nabangoyak Rock</u>											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names approved  
12-12-55. L. Heck



# GEOGRAPHIC NAMES

Survey No. 10370

1941 III

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
Ahlik River ✓											1
Alaska ✓											2
Ahzwiruk Bluff ✓											3 ✓
Ahkolikotak Head ✓											4 ✓
Binakslit Bluff ✓											5 ✓
Cape Algonquin ✓											6 ✓
Floodak Point ✓											7 ✓
Lukluskwik Lake ✓											8
Lukthlukrit Marsh ✓											9 ✓
Kigoumiut (summer camp) ✓											10 ✓
Kimiksthek Hill ✓											11 ✓
Kimiksthoruk Hill ✓											12 ✓
Koweelik Bluff ✓											13 ✓
Nash Harbor ✓											14 ✓
Nash Harbor ✓											15 ✓
Nunivak Island ✓											16
Nunivak National ✓											17
Wildlife Refuge ✓											18
Seemalik Butte ✓											19 ✓
Unroojithok Lake ✓											20 ✓
Bering Sea ✓											21
Second Judicial District ✓											22
Dahloongamiut River ✓											23 ✓
Dooksook River ✓											24 ✓
Inгри Butte ✓											25 ✓
Ingriruk Hill ✓											26 ✓
Jiskooksnuk Hill ✓											27 ✓



GEOGRAPHIC NAMES

Survey No. 10370

(Continued)

Name on Survey										
	A	B	C	D	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		
Kiyakyalikamiut River	✓		648 pt Century	Epine State						1 ✓
Tachikugamiut (abandoned)	✓		648 pt Century	Epine State						2
										3
										4
										5
										6
										7
										8
										9
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										11
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										25
										26
										27

Names approved  
12-14-55. L. Heck.

GEOGRAPHIC NAMES

Survey No. 10371

1947/II

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Ahding River</u> ✓	✓										1
<u>Alaska</u>											2
<u>Aniolik Mountains</u> ✓	✓										3
<u>Bimahyook Creek</u> ✓	✓										4
<u>Dachikjowaruk Cove</u> ✓	✓										5
<u>Dachirowruk Cove</u> ✓	✓										6
<u>Kimit Hills</u> ✓	✓										7
<u>Nash Harbor Bay</u> ✓	✓										8
<u>Nariksmiut River</u> ✓	✓										9
<u>Nunivak Island</u> ✓	✓										10
<u>Nunivak Nautical</u>											11
<u>Wildlife Refuge</u> ✓	✓										12
<u>Bering Sea</u> ✓	✓										13
<u>Second Judicial <sup>Division</sup> District</u>											14
<u>Kindooli Butte</u> ✓	✓										15
<u>Indooli Mtn</u> ✓	✓										16
<u>Kikikyak Hill</u> ✓	✓										17
<u>Ahding Ingrida Mt.</u> ✓	✓										18
<u>Ahkolikotak Head</u> ✓	✓										19
<u>Charwakamiut River</u> ✓	✓										20
<u>Kikalrodik Hills</u> ✓	✓										21
											22
											23
											24
											25
											26
											27

Names approved  
12-12-55 L. Heck

2-15-56

check ✓



GEOGRAPHIC NAMES

Survey No. 10372

2041 III

Name on Survey	Source										
	A	B	C	D	E	F	G	H	K		
<u>Alaska</u>											1
<u>Nunivak Island</u> ✓											2
<u>Nunivak National</u>											3
<u>Wildlife Refuge</u> ✓											4
<u>Mekoryuk River</u> ✓		✓									5
<u>Ikathiwik Crater</u> ✓		✓									6
<u>Kimijooksuk Butte</u> ✓		✓									7
<u>Kimit Hills</u> ✓		✓									8
<u>Ingrilukat Hills</u> ✓		✓									9
<u>Second Judicial District</u> <sup>Division</sup> ✓											10
<u>Ahkiwiksnuk Lake</u> ✓		✓									11
<u>Binalik Crater</u> ✓		✓									12
<u>Mt Roberts</u> ✓		✓									13
<u>Ingrilukat Hills</u>											14
<u>Ingrilukat-Naskorat Hill</u> ✓											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

(duplication)

Names approved  
12-12-55. L. Heck



GEOGRAPHIC NAMES *204177*

Survey No. 10373

Name on Survey	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		
	A	B	C	D	E	F	G	H		K
<u>Alaska</u>		-								1
<u>Kaliksneethnook River</u> ✓		-								2
<u>Nunivak Island</u>		-								3
<u>Nunivak National</u>										4
<u>Wildlife Refuge</u>		-								5
<u>Second Judicial <i>Division</i> District</u>		-								6
<u>Nanwaksjiak Crater</u> ✓ -		-								7
										8
										9
										10
										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

*Names approved  
12-12-55. L. Heck.*



GEOGRAPHIC NAMES

Survey No. 10374

2141 III

Name on Survey											
	A	B	C	D	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			
<u>Nunivak Island</u> ✓ ✓											1
<u>Nooravloaksmiut Island</u> ✓		✓									2
<u>Kaliksneethnook River</u> ✓											3
<u>Kanikyakstalikmiut</u> ✓											4
<u>Ahmikdolgamiut</u> ✓ ✓											5
<u>Etolin Strait</u> ✓ ✓											6
<u>Nunivak National</u> ✓											7
<u>Wildlife Refuge</u> ✓											8
<u>Alaska</u> ✓ ✓											9
<u>Second Judicial <sup>Division</sup> District</u> ✓											10
<u>Ingrimiut</u> ✓											11
<u>Twin Mountain</u> ✓											12
<u>Bering Sea</u> ✓											13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names approved  
12-11-55 L. Heck



GEOGRAPHIC NAMES

Survey No. 10375

1940 TV

Name on Survey										
	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		
	A	B	C	D	E	F	G	H	K	
<u>Alaska</u>										1
<u>Bering Sea</u>										2
<u>Dahlongamiut</u>										3
<u>Dahlongamiut Lagoon</u>										4
<u>Kiyakyalikamiut</u>										5
<u>Kiyakyalikamiut River</u>										6
<u>Nunivak Island</u>										7
<u>Nunivak National</u>										8
<u>Wildlife Refuge</u>										9
<u>Second Judicial Division</u>										10
(Title)										11
										12
										13
										14
										15
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										26
										27

Names approved  
12-12-55. L. Heck.



GEOGRAPHIC NAMES

Survey No. 10376

1940 I

Name on Survey	Source										
	A	B	C	D	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			
<u>Alaska</u> ✓	-										1
<u>Bering Sea</u> ✓	-	.									2
<u>Binajoaksmiut</u> ✓	-										3
<u>Binajoaksmiut River</u> ✓	-	.									4
<u>Nunivak Island</u> ✓	-										5
<u>Nunivak National</u> ✓	-										6
<u>Wildlife Refuge</u>											7
<u>Second Judicial District</u> <i>Division</i> ✓											8
<u>Binat-Ingrat Hill</u>	-										9
<u>Chakwakamiut</u> ✓	-										10
<u>Chakwakamiut River</u> ✓	-	.									11
<u>Jayalik River</u> ✓	-	.									12
<u>Jayalik Lake</u>	-	✓									13
<u>Jayalik Hill</u>	-										14
<u>Kyke/rodik Hill</u> <i>To northward (T-10371) <sup>entr</sup></i>											15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27

Names approved  
12-12-55. L. Heck.



GEOGRAPHIC NAMES

Survey No. 10377

2040 <sup>IV</sup>

Name on Survey	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		
	A	B	C	D	E	F	G	H	K	
<u>Alaska</u>										1
<u>Bangookbit Dunes</u> ✓	✓									2
<u>Bangookthleet Dunes</u> ✓	✓									3
<u>Bering Sea</u> ✓	✓									4
<u>Chikungamiut</u> ✓	✓									5
<u>Difjakamiut</u> ✓	✓									6
<u>Duchikmiut</u> ✓	✓									7
<u>Duchikmiut River</u>	✓									8
<u>Duchikthluk Bay</u>	✓									9
<u>Cape Mendenhall</u> ✓	✓									10
<u>Ingrijoak Hill</u> ✓	✓									11
<u>Iwarawiramiut</u> ✓	✓									12
<u>Kaksajookalik Island</u> ✓	✓									13
<u>Kangiktoolikmiut</u>	(listed below)									14
<u>Kowikarurmiut</u> ✓	✓									15
<u>Kingaktakamiut</u> ✓	✓									16
<u>Kyagamiut</u> ✓	✓									17
<u>Mechakamiut</u>	✓									18
<u>Nunivak Island</u> ✓	✓									19
<u>Nunivak National Wildlife Refuge</u> ✓	✓									20
<u>Second Judicial District</u>	Division									21
<u>Binajoaksmiut River</u>	✓									22
<u>Ibikwit Lava Bed</u> ✓	✓									23
<u>Kangiktoolikmiut</u> ✓	✓									24
(summer camp)										25
<u>Karon Lake</u>	✓									26
										27

Names approved 12-2-55



GEOGRAPHIC NAMES

2040I

Survey No. 10378

Name on Survey	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		
	A	B	C	D	E	F	G	H		K
<u>Alaska</u>	✓	-								1
<u>Bering Sea</u>	✓	-								2
<u>Bimiut (summer camp)</u>	✓	✓								3
<u>Numathloogagamiut</u>	✓	✓								4
(summer camp)										5
<u>Nunivak Island</u>	✓	-								6
<u>Nunivak National Wildlife</u>										7
<u>Refuge</u>	✓	✓								8
<u>Second Judicial District</u>		✓								9
<u>Chigoorhaligamiut</u>	✓	✓								10
<u>Cape Mendenhall</u>	✓	✓								11
<u>Etikamiut</u>	✓	✓								12
<u>Ingloothloogamiut</u>	✓	✓								13
<u>Ingriruk Hill</u>	✓	✓								14
<u>Irwakyaruk Point</u>	✓	✓								15
<u>Numathloogagamiutbingoi</u>	✓	✓								16
<u>Dunes</u>										17
<u>Oongalamingoi Dunes</u>	✓	✓								18
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										26
										27

Names approved  
12-12-55. h. Heck



GEOGRAPHIC NAMES

Survey No. 10379

2140 IV

Name on Survey	Source											
	A	B	C	D	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											
<u>Alaska</u>												1
<u>Bering Sea</u>												2
<u>Atahgo Point</u>	✓											3
<u>Cape Corwin</u>	✓											4
<u>Nakooytcolekmiut</u>	✓											5
<u>Nunivak Island</u>												6
<u>Nunivak National</u>												7
<u>Wildlife Refuge</u>												8
<u>Second Judicial <sup>Division</sup> District</u>												9
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Names approved  
12-12-55. L. Heck