8443 8444
8445 8446

Diag. Cht. No. 8556-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. ..... Office No. T-8443 thru T-8446

LOCALITY

State Alaska

General locality Raspberry Strait

Locality Northwest Entrance to Vicinity of Selief Bay

194 1

CHIEF OF PARTY

L.C.Lande, Washington Office

LIBRARY & ARCHIVES

DATE June 24, 1950

8443 8444
8445 8446

B-1870-1 (1)

DATA RECORD
T-8443
T-8444
T-8445
T-8446

Project No. (II): None

Quadrangle Name (IV):

Field Office (II):

Chief of Party:

Photogrammetric Office (III): Washington, D.C,

Officer-in-Charge: L. C. Lande

Instructions dated (II) (III):

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.0

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 5-17-50

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): Valdez

Vertical Datum (III): MHW

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):

State:

Zone:

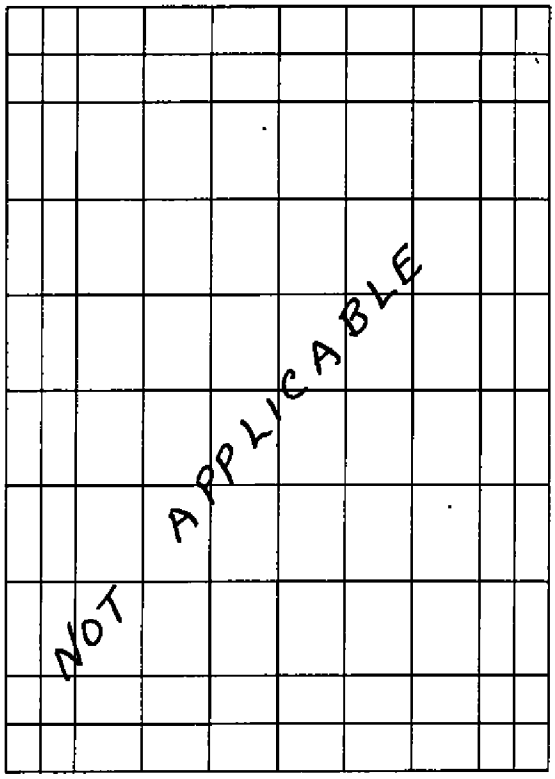
Y=

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)



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

DATA RECORD

Field Inspection by (II): None Date:

Planetable contouring by (II): None Date:

Completion Surveys by (II): None Date:

Mean High Water Location (III) (State date and method of location):

Projection and Grids ruled by (IV): Ruling Machine (C.H.R.) Date: Sept. 1942

Projection and Grids checked by (IV): Washington Office Date: 1942

Control plotted by (III): Washington Office Date: 1942

Control checked by (III): Washington Office Date: 1942

Radial Plot [redacted] (III): Washington Office Date: 1942-1943

Stereoscopic Instrument compilation (III):
- Planimetry Date:
- Contours Date:

Manuscript delineated by (III): Washington Office Date: 1942-1943

Photogrammetric Office Review by (III): Date:

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

M-2618-12(4)

Camera (kind or source) (III):

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
5955 - 5967	8-3/41		1:10,000	
5988 - 5997	8/5/41		1:10,000	
6001 - 6009	8/5/41		1:10,000	
6012 - 6020	8/5/41		1:10,000	

Tide (III)

	Ratio of Ranges	Mean Range	Spring Range
Reference Station:			
Subordinate Station:			
Subordinate Station:			

Washington Office Review by (IV): G. B. Willey Date: 30 March 1950

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):

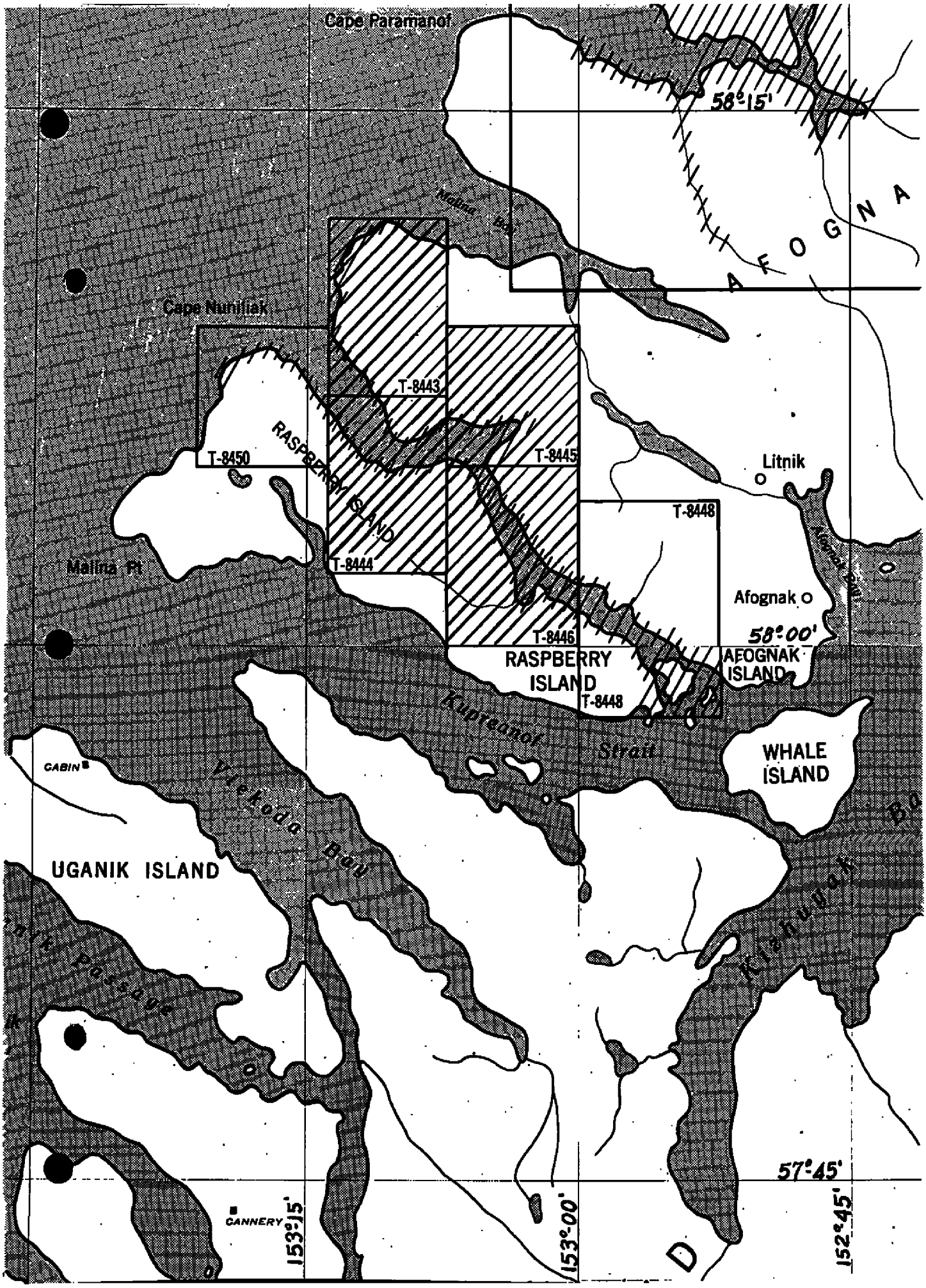
Number of Triangulation Stations searched for (II): Recovered: Identified:

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

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:



Cape Paramanof
58°15'
AFOGNA
Malina Bay
Cape Nuniliak
T-8443
T-8450
RASPBERRY ISLAND
T-8445
Litnik
T-8448
Afognak Bay
Malina Pt
T-8444
Afognak
58°00'
T-8446
RASPBERRY ISLAND
AFOGNAK ISLAND
T-8448
Kupreanof Strait
WHALE ISLAND
CABIN
Viekoda Bay
UGANIK ISLAND
Kizhuyak Ba
57°45'
CANNERY
153°15'
153°00'
152°45'

GEOGRAPHIC NAMES

Survey No.

T-8443

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
Afognak Island •										2
Cape Nuniliak •										3
Raspberry Strait •										4
Shelikof Strait •										5
Steep Cape •										6
Raspberry Island •										7
										8
										9
				* = Decis BGN						10
				• = Approved name						11
					1-26-50					12
					A.J.W.					13
										14
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										27

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GEOGRAPHIC NAMES

Survey No.
T-8444

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
Afognak Island •										2
Raspberry Island •										3
Raspberry Strait •										4
Dolphin Point •										5
										6
										7
										8
										9
										10
					* = Decis BGN					11
					• = Approved name					12
						1-26-50				13
						A.J.W.				14
										15
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GEOGRAPHIC NAMES

Survey No.

T-8445

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
Afognak Island •										2
Raspberry Strait •										3
Raspberry Island •										4
Muskomee Bay •										5
Iron Creek •										6
										7
										8
										9
										10
					* = Decis BGN					11
					• = Approved name					12
						1-26-50				13
						A.J.W.				14
										15
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GEOGRAPHIC NAMES

Survey No.

T-8446

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
Afognak Island •										2
Raspberry Strait •										3
Raspberry Island •										4
Selief Bay •										5
The Greben •										6
Port Wakefield •										7
Port Vita •										8
										9
										10
				* = Decis BGN						11
				• = Approved name						12
					1-26-50					13
					A.J.W.					14
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SUMMARY TO ACCOMPANY SHORELINE MAPS
T-8443, T-8444, T-8445 & T-8446

Shoreline Map T-8443 covers the area of the Northwest Entrance to Raspberry Strait, Alaska, from Latitude 58°-07' to 58°-12' and Longitude 153°-07' to 153°-14'; T-8444 covers the area of Raspberry Strait in the vicinity of Dolphin Point, from Latitude 58°-02' to 58°-07' and Longitude 153°-07' to 153°-14'; T-8445 covers the area of Raspberry Strait in the vicinity of Muskomee Bay, from Latitude 58°-05' to 58°-09', and Longitude 153°-00' to 153°-07'; and T-8446 covers the area of Raspberry Strait in the vicinity of Selief Bay, from Latitude 57°-59' to 58°-05', and Longitude 153°-00' to 153°-07'.

These maps were radially plotted from 1:10,000 scale 9-lens photographs using acetate templets in continuous radial plot together with T-8448 and T-8450, covering the area of Raspberry Strait from Little Raspberry Island to Shelikof Strait, between Raspberry Island and Afognak Island, Alaska.

These maps were radially plotted and the detail delineated without field inspection of the photographs. However, the geodetic party marked some of the triangulation stations with whitewash that they might be visible on the photography, and as Graphic Control and Hydrographic Surveys had been accomplished in this area prior to the radial plot, the radial plot is believed to be in error no more than 1.5 mm. The detail is believed to be sufficiently accurate for smaller scale nautical charts, with the exception of the shoreline on T-8443 from Latitude 58°-10'-30" to 58°-12, which was detailed from only two photographs.

The following comparisons were made with Graphic Control and Hydrographic Surveys, with no discrepancies noted:

T-8443: T-6840b (1:20,000) 1941, T-6840a (1:10,000) 1941
H-6681 (1:20,000) 1942, H-6680 (1:10,000) 1941

T-8444: T-6840a (1:10,000) 1941, T-6837b (1:10,000) 1941
H-6680 (1:10,000) 1941

T-8445: T-6837b (1:10,000) 1941, T-6836b (1:10,000) 1941
H-6680 (1:10,000) 1941, H-6679 (1:10,000) 1941

T-8446: T-6836b (1:10,000) 1941, T-6837a (1:10,000) 1941
H-6679 (1:10,000) 1941

Data pertaining to T-8443, T-8444, T-8445, and T-8446 is filed as follows:

A. Division of Photogrammetry General Files:
   1. Acetate Manuscripts.
   2. Duplicates of the Descriptive Report.

B. Bureau Archives
   1. Cloth backed lithographic prints of the reviewed map manuscripts at the compilation scale.
   2. Registered original descriptive reports.

Reviewed by:

Gordon B. Willey
Gordon B. Willey
March 30, 1950

Approved by:

A. V. Griffith
Chief, Revie w Section
Division of Photogrammetry

H. P. Edmonston
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
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W. M. Scaife
Chief, Div. Coastal Surveys