

6208

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: S. W. Alaska

DESCRIPTIVE REPORT

Topographic | Sheet No. A 6208
~~Hydrographic~~ | Project No. HT-177

LOCALITY

Aleutian Islands, Atka Island.

Hazan Bay, Bolshoi Islands.

1934

CHIEF OF PARTY

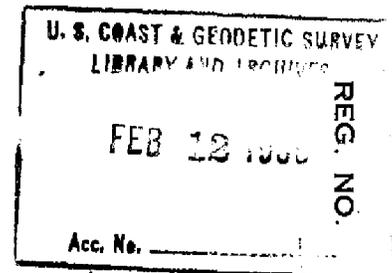
H. B. Campbell

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET



The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter A

REGISTER NO. 6208

State S. W. ALASKA, ~~ALASKA ISLANDS~~

General locality ATKA ISLAND

Locality ~~NEBAN BAY~~ Bolshoi Islands

Scale 1:5000 Date of survey July & August, 1934

Vessel U.S.C. & G.S.S. DISCOVERER -- M.V. WESTDAHL

Chief of Party H. B. Campbell ----- W. M. Scaife

Surveyed by Max G. Ricketts

Inked by Max G. Ricketts

Heights in feet above high water to ground ~~to tops of trees~~

Contour Approximate contour Form line interval 50 feet

Instructions dated HT-177 April 13th, 1934

Remarks: _____

Applied to CV 9010. Mar 1935. J.S. Gandy

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. A.

PROJECT NO. HT-177

U.S.C.& G.S.S. DISCOVERER
U.S.C.& G.S.M.V. WESTDAHL

H. B. Campbell, Commanding.
W. M. Scaife, Officer in Charge.

Season of 1934

INSTRUCTIONS

Director's instructions dated April 13, 1934.

LIMITS

This sheet covers a small section of the west shore of Nazan Bay, including Atka Village, the Bolshoi Islands, and the Cone Islands. Junction is made with the shore line of Sheet B on both the north and south limits of this sheet and also a form line junction is made with Sheet C.

DESCRIPTION

The Bolshoi Island Group are small, low, grass covered islands and islets. The Cone Islands are the only prominent landmark for the entrance to Atka Village. The outer of this group has three pronounced cone-shaped humps, the highest and ~~and~~ outer hump being 83 feet high. The section of Atka Island shown on this sheet is low, rolling and grass covered.

Atka Village is a small native village with a population slightly under one hundred. The village is not visible to approaching vessels until they have passed the largest of the Bolshoi Islands. The build-

ings are frame; the most prominent being the school on the south side of the village, the store and warehouse of the Kanaga Ranching Company in about the center and facing the beach, and the Russian Greek Orthodox Church slightly back on the slope of the hill.

CONTROL

The control for this sheet was furnished by second and third order triangulation.

SURVEY METHODS

The usual methods of topography were used. Plane table triangulation was carried as far as practicable and was supplemented by short traverses in a few cases. All traverse closures were well within the allowable limits for 1:5000 scale.

LIST OF NAMES

Well established:	Atka Island
	Atka Village
	Bolshoi Islands
	Cone Island
	Nazan Bay.

No additional names were assigned by the field party.

STATISTICS

Shoreline - - - - -	16.3 statute miles.
Area - - - - -	2.4 sq. statute miles.
Magnetic Declination - - - - -	3
Elevations - - - - -	136

Respectfully submitted,

Max G. Ricketts

Max G. Ricketts,
Jr. H. & G. E.

Approved and forwarded:

H. B. Campbell
H. B. Campbell,

Comd'g. U.S.C. & G.S.S. DISCOVERER.

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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

U.S.C. & G.S.M.V. WESTDAHL, Seattle, Wash.

January 31, 1935

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

H. B. Campbell

H. B. Campbell Chief of Party.

DESCRIPTION	POSITION					METHOD OF DETERMINATION	CHARTS AFFECTED
	Latitude		Longitude		Datum		
	° ' "	D. M. meters	° ' "	D. P. Meters			
GROSS, Atka Church	52 - 12	443.97	174 - 11	875.76	ATKA 1925-34	Triang.	9196-9102
CUP, cupola school	52 - 12	230.6	174 - 11	809.7	"	Topo	9196-9102
Top of Cone Island, marks the entrance to Atka Village Harbor	52 - 12	1315.5	174 - 10	1102.9	"	"	9196-9102
FALLS, large prominent waterfall sighted on entering Nazan Bay from the north and east.	52 - 10	1787.0	174 - 09	825.0	"	"	9196-9102
This list of Landmarks to accompany 1:5000 topo and hydro sheets of Nazan Bay, Atka Island, Aleutian Islands.							
<i>X to obtain NA1927 from Atka datum:</i>							
<i>Lat. - subtract 470 meters</i>							
<i>Long. - add 51 meters.</i>							

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.

REVIEW OF TOPOGRAPHIC SURVEY No. 6208

Title (Par. 56) *Bolshoi Islands, S.W. Alaska*Chief of Party *H.B. Campbell* Surveyed by *M.G. Ricketts* Inked by *M.G. Ricketts*Ship *Discoverer* Instructions dated *April 13, 1934* Surveyed in *July-August 1934*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
 2. The character and scope of the survey satisfy the instructions. ✓
 3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
 4. The amount of vertical control that the Manual specifies for ~~con-~~
~~tours-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.) ✓
 5. The delineation of ~~contours-formlines-~~ is satisfactory. (Par. 49, 50.) ✓
 6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None Submitted*
 7. High water line ~~on marshy and mangrove coast is~~ clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
 8. The representation of low water lines, reefs, ~~coral reefs~~ and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
 9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
- See reverse side*
10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 16c.)
 11. Locations and elevations of summits are given. (Par. 19, 51.) ✓
 12. The ^{grass}~~tree~~ line was shown on mountains. (Par. 16g.) ✓

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

The only previous Coast Survey topographic survey of this area is a reconnaissance survey T4149 (1925). Few elevations were taken and form lines not drawn.

Chart 9102 is on too small a scale to be comparable.

The present survey supersedes T4149 in part.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. ~~The descriptive report also contains additional information required in aere topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMS and DPs, 68.) *None submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *No note of having checked declinatoire*
18. The geographic datum of the sheet is *Independent (Unadjusted)* and the reference station is correctly noted. (Par. 34.) ✓
Values taken from Field Computations of an Independent Datum.
19. Junctions with contemporary surveys are adequate.
Joins T6209 on the East and West
Joins T4875 on the South (Form lines)
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by ✓
24. Remarks:

Reviewed in office by *Chas. P. Bush Jr. June 12, 1936.*

Examined and approved:

C. H. Green
Chief, Section of Field Records

L. O. Colburn
Chief, Division of Charts

Fred. L. Peacock
Chief, Section of Field Work

G. H. Hude
Chief, Division of Hyd. and Top.