

8873-8874 East & West

Diag. Cht. No. 8502-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey SHORELINE -PHOTOGRAMMETRIC

Field No. ^BPh-8(46) T-8873
Office No. T-8871 E. & W.

LOCALITY

State ALASKA

General locality EGEGIK RIVER

Locality GOOSE POINT TO BECHAROF LAKE

194 3-46

CHIEF OF PARTY

J.C. Tribble, Chief of Party.

K.T. Adams, Washington Photogrammetric Office

LIBRARY & ARCHIVES

DATE

9-1870-1 (1)

East & West

8873-8874

DATA RECORD

T- 8873

Quadrangle (II):

Project No. (II):

Ph-8(46)

Field Office:

Chief of Party: J.C. Tribble

Compilation Office:

Chief of Party:

Washington, D.C.

K. T. Adams

Instructions dated (II III):

Copy filed in Descriptive
Report No. T-8873 (VI)

x

Div. Photogrammetry
Office Files

Completed survey received in office: May 1947

Reported to Nautical Chart Section: May 1947

Reviewed: 6-17-52 Applied to chart No. 9051 Date: 11-18-49

2-1-50

Redrafting Completed: R.M. Brown 8/27/52

Registered: 3-12-53

Published: —

Compilation Scale: 1:25,000

Published Scale: —

Scale Factor (III):

Geographic Datum (III): Na 1927

Datum Plane (III): MHW

Reference Station (III): Egegik, 1946

Lat.:

Long.:

58° 12' 09.429" 294.5" 291.73 m.

157° 21' 34.677" 543"

Adjusted ✓

~~566.45m.~~

564.2 m

State Plane Coordinates (VI):

The difference between Unadjusted Datum
and N.A. 1927 Datum is Lat. plus/minus 2.8 m.
and Long. plus/minus 2.3 m.

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
9 lens				
14371	6/10/43	10:56	1/20,000 [±]	
14373	6/10/43	10:57	" "	
17967	9/25/46	9:12	" "	
17968	9/25/46	9:14	" "	
17970	" "	9:17	" "	
14883	10/11/45	12:55	1/25,000 [±]	
14884	10/11/45	13:04	" "	

Tide from (III): Nushagak Bay, Alaska (Clark Pt)

Mean Range: 15.2 Ft.

Diurnal

Spring Range: 19.5 Ft.

Camera: (Kind or source)

9 lens

Field Inspection by:

~~Lt. Comdr. Woodworth~~ J.C. Tribble

date:

1946

Field Edit by:

date:

Date of Mean High-Water Line Location (III):

No work done

Projection and Grids ruled by (III)

T. L. J.

(machine)

date: March '47

" " "

checked by:

T. L. J.

date: " "

Control plotted by: H. Rau

date: March '47

Control checked by: M. Stephens

date: " "

Radial Plot by: Ros French

date: April '47

Detailed by: Ros French

date: May '47

Reviewed in compilation office by: L.C. Lande

date: May '47

Elevations on Field Edit Sheet
checked by:

date: _____

DATA RECORD

T-8874
(East & West Halves)

Quadrangle (II):

Project No. (II):

Ph-8(46)

Field Office:

Chief of Party:

C. C. Tribble.

Compilation Office:

Chief of Party:

Washington, D. C.

K. T. Adams

Instructions dated (II III):

Copy filed in Descriptive
Report No. T- (VI)Div. of Photogrammetry
Office Files.Completed survey received in office: 5-⁴⁷~~52~~Reported to Nautical Chart Section: 5-⁴⁷~~52~~Reviewed: 6-17-52 Applied to chart No. 9051 Date: 11-18-49
2-1-50

Redrafting Completed: R. M. Brune 9/15/52

Registered: 3-12-53

Published: _____

Compilation Scale: 1/25,000

Published Scale: _____

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): MHW

Reference Station (III): Lagoon, 1946

Lat.:

Long.:

58° 04' 40.²¹³~~160~~ 1248.5^{4.2} M. 156° 54' 51.²⁹~~307~~ 842.2^{1.3} M

Adjusted X

~~Unadjusted~~

State Plane Coordinates (VI):

The difference between Unadjusted Datum
and N.A. 1927 Datum is Lat. plus/minus 0.9 m.
and Long. plus/minus 1.7 m.

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
14884	10/11/45	13:04	1/25,000 ±	
14885	" "	13:08		
14871	" "	12:36		
14872	" "	12:39	"	
14894	" "	13:12		

Tide from (III): Nushagak Bay, Alaska (Clark Pt)

Mean Range: 15.2 Ft.

Spring Range: 19.5 Ft.

Diurnal

Camera: (Kind or source)

9 lens

Field Inspection by:

E.C. Tribble

date:

~~Lt. Comdr. Weedworth~~

1946

Field Edit by: _____

date:

Date of Mean High-Water Line Location (III):

No work done

Projection and Grids ruled by (III)

date:

" " " checked by:

T.L.J. (machine)
T.L.J.

date:

March '47
" "

Control plotted by: H. Rau

date:

March '47

Control checked by: M. Stephens

date:

March '47

Radial Plot by: Ros French

date:

April '47

Detailed by: Ros French

date:

May '47

Reviewed in compilation office by: L.C. Lande

date:

May '47

Elevations on Field Edit Sheet
checked by: _____

date:

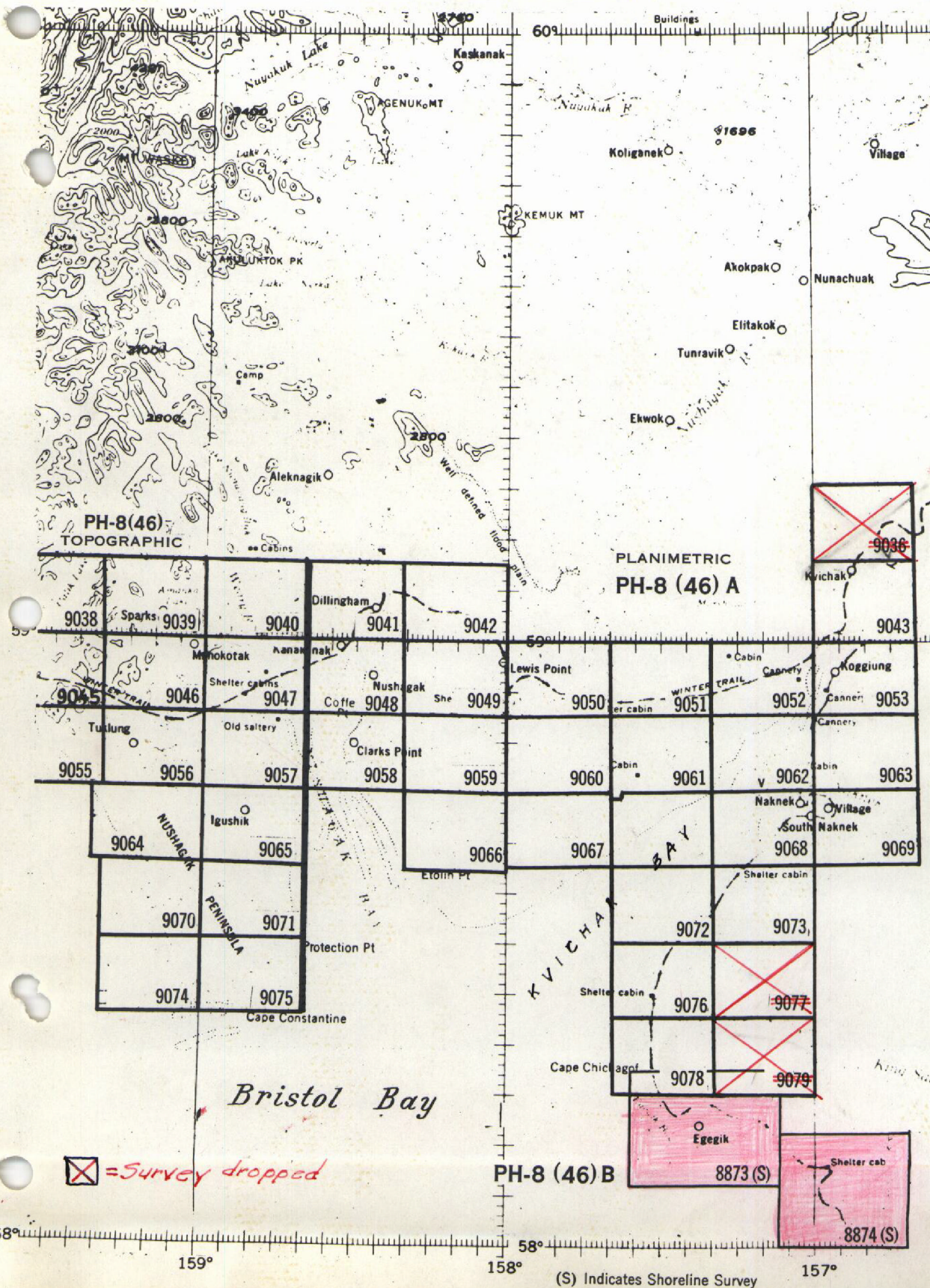
SUMMARY TO ACCOMPANY T-8873 and T-8874

Project Ph-8(46) consists of a series of 45 topographic maps, sub-project Ph-8(46)A consists of a series of 23 planimetric maps and sub-project Ph-8(46)B consists of two shoreline maps. T-8873 and T-8874 comprise these two shoreline maps. The total number of maps for project Ph-8(46) including sub-projects A and B is 70.

T-8873 covers Egegik River from its mouth in Bristol Bay eastward to longitude 157° 07'. T-8874, which is to the east of and adjoins T-8873, continues eastward covering Egegik River and the western area of Becharof Lake. These maps are graphic compilations of shoreline and alongshore features at a scale of 1:25,000 in advance of hydrographic surveys to be made in the same area. Field inspection was limited to the identification of horizontal control only.

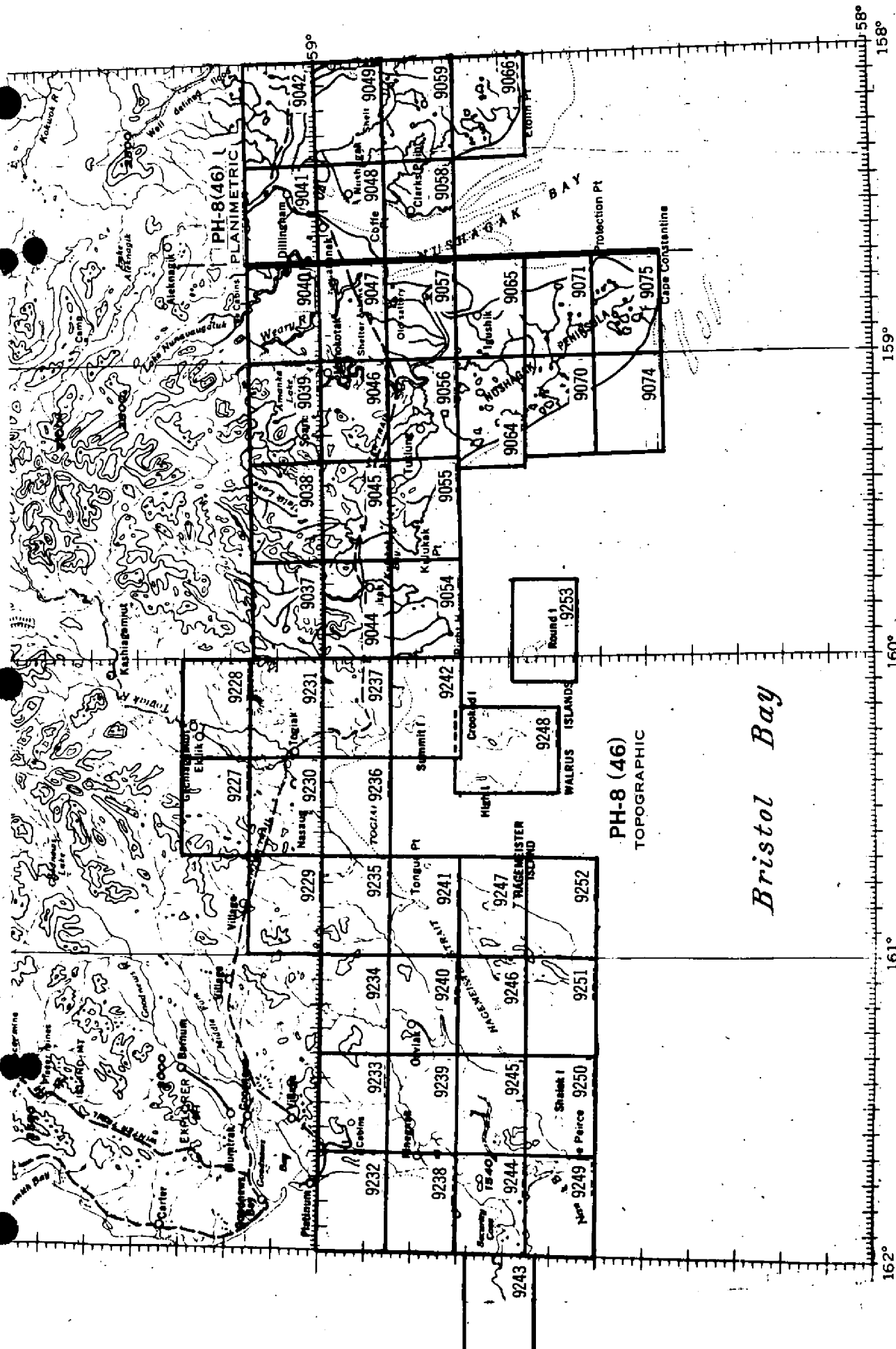
A cloth-backed lithographic print of each map at the compilation scale and the combined descriptive report will be registered in the Bureau Archives.

ALASKA, Vicinity of Bristol Bay



TOPOGRAPHIC MAPPING PROJECT

ALASKA, Vicinity of Bristol Bay



Radial Plot Report for: T-8873 Project: Ph-8(46)
T-8874 Alaska Peninsula

This report covers the radial plot laid from Becharof Lake, westward on the Egegik River to Egegik Bay and Bristol Bay.

The field inspection of the following control was done during the 1946 season by Lt. Comdr. Woodworth:

✓ Dike, 1946	-	Sub. Sta.	
✓ Lagoon, 1946	-	Sub. Sta.	
✓ Bech, 1946	-	Sub. Sta.	
<i>South of T-8874</i> ✓ Rost, 1946	-	Sub. Sta.	<i>T-8874</i>
✓ Swampy, 1946	-	Sub. Sta.	
✓ Shosky, 1946	-	Sub. Sta.	
✗ Sal, 1946	-	Direct	
✗ Ege, 1946	-	Direct	
✗ Gik, 1946	-	Sub. Sta.	
<i>North of T-8873</i> Mon, 1946	-	Sub. Sta.	
✓ Libby, McNeill & Libby	(center of group of 4)		
✓ Cannery	^{Silver} Tanks of 2, 1946	--	Direct
✓ Alaska Packers Assn.	red tank , "Diamond E" cannery		
NE of 2, 1946	red tanks (center of group of 2), 1946	Direct	
✓ Egegik, N. Base, 1946	-----	Sub. Sta.	
<i>Egegik, 1946</i>			

All stations were held with exceptions of SAL, 1946, SHOSKY, 1946, and EGE, 1946. Sub. Station SHOSKY, 1946 falls 170 m. short of the computed position (on azimuth), and it is considered possible that an error in chaining occurred or that the Sub. Sta. was not pricked properly on the photo. Station SAL, 1946 was held loosely, and Sta. EGE, 1946 failed to hold to the field inspected point. However, the point picked in the office, as per the description given, did hold in the plot. Attempts were made repeatedly to hold EGE, 1946 and SAL, 1946 as field inspected. A compromise was agreed on to hold SAL, 1946 loosely and EGE, 1946 as office picked. Satisfactory cuts were made on detail points with this arrangement.

Station RED BLUFF LIGHT, 1946 was recovered in the office and held tightly in the plot.

A spot check on the western half, T-8873, was made by cutting in positively identified recoverable topographic stations "SALT" and "LIB", and temporary hydro signals "Green", "How", and "Red" which were computed from sextant angles and plotted on this projection. ~~Good angles and plotted on this projection.~~ Good three-way intersections were obtained.

Computations for the plotting of all stations on these two sheets are shown on the attached form.

Respectfully submitted: .

R. J. French
R. J. French

Approved by: L. C. Lande
L. C. Lande

Date: May 1947

LAKE BECHAROF

MAP T. 8873-74 PROJECT NO. Ph-8(46)

SCALE OF MAP 1:25,000

SCALE FACTOR 0.800

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE OR PROJECTION LINE IN METERS FORWARD (BACK)	Value for DATA CORRECTION 1 Min.	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS Scale factor applied FORWARD (BACK)	Value for 1 Min. FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
FIELD COMPUTATIONS							
(7-8874) LAGOON, 1946 d.m.	9236 6 129-184 6174	N.A. 1927	58 04 40.160 156 54 51.367	1242.5 613.8 842.2 141.6	1856.34 983.8	1485.0 787.0	994.0 491.0 673.7 113.3
(7-8874) DIKE, 1946 d.m.	6906 or 8239 6174	"	58 05 37.218 156 43 36.058	1151.5 704.8 590.9 392.4	1856.35 983.3	1485.1 786.6	921.2 563.9 472.7 313.9
(7-8874) SWAMPY, 1946 d.m.	6906 or 8239 6174	"	58 02 44.999 157 06 54.455	1392.2 464.1 893.7 91.0	1856.34 984.7	1485.0 787.8	1113.8 371.3 715.0 72.8
(7-8874) BECH, 1946 d.m.	6906 or 8239 6174	"	57 59 51.757 156 52 39.784	1601.3 255.0 653.8 332.2	1856.32 986.0	1485.0 788.8	1281.0 204.0 523.0 265.8
EGEGIK, BASE 1946 d.m.	6906 or 8239 6174	"	58 06 47.112 157 34 29.673	1457.6 398.8 486.1 496.7	1856.35 982.8	1485.1 786.2	1166.1 319.0 388.9 397.4
(7-8874) SHOSKY, 1946 d.m.	6906 or 8239 6174	"	58 10 39.730 156 58 56.596	1229.2 627.2 925.3 55.7	1856.37 981.0	1485.1 784.8	983.4 501.7 740.2 44.6
(7-8873) SAL, 1946 d.m.	6906 or 8239 6173	"	58 13 07.892 157 10 00.027	244.2 1612.2 0.4 979.2	1856.39 979.6	1485.1 783.7	185.4 1289.8 0.3 783.4
(7-8873) GIK, 1946 d.m.	6906 or 8239 6173	"	58 14 07.296 157 26 34.803	225.7 1630.7 568.0 411.2	1856.39 979.2	1485.1 783.4	180.6 1304.4 454.4 329.0
EGE, 1946 d.m.	6906 or 8239 6173	"	58 06 14.935 157 17 23.773	462.1 1394.3 389.4 593.4	1856.35 982.8	1485.1 786.2	369.7 1115.4 311.5 474.7
LIBBY MCNEIL AND CENTER of Group SILVER TANKS, 1946 d.m.	6906 or 8239 6173	"	58 14 1.123 157 22 48.171	34.7 1821.7 786.1 193.1	1856.39 979.2	1485.1 783.4	27.7 1457.4 628.9 154.5
ALASKA PACKERS ALSON DIAMOND B. CANNERY, RED TANKS FOR TUPAS, 1946 d.m.	6906 or 8239 6173	"	58 12 55.164 157 22 15.207	1706.8 149.6 248.4 731.7	1856.38 980.1	1485.1 784.1	1365.4 119.7 198.7 585.4
of Group of 2 RED BLUFF LIGHT 1946 d.m.	6906 or 8239 6173	"	58 14 9.929 157 29 0.360	307.2 1549.2 5.9 973.3	1856.39 979.2	1485.1 783.4	245.8 1239.4 4.7 778.6

1 FT. = 3048006 METER

COMPUTED BY: Rau

DATE 3/26/47

CHECKED BY: Hynson

DATE 3/27/47

M-2388-12

-3-

~~STATISTICS (III)~~

Compilation Report T8873

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

8 Plotted from G.P.'s computed from sextant ~~x~~'S in Seattle Office.

Number of Temporary Hydrographic Stations located by radial
plot: *Two*

~~two~~

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered
by, (II) Field Party, (III) Compilation Party, or, (VI) the
Washington Office.

When entering names of personnel on this record give the
surname and initials (not initials only).

Remarks: a check on the radial plot was made by cutting in
positively identified recoverable topo. Sta.'s SALT, and LIB,
and temporary hydro signals GREEN and HOW which were computed
from sextant ~~4~~'S. The plot is good. The hydro signal "ALDER" is
of questionable position, but "BOULDER" is good. No field inspec-
tion has been given to show the MHW line, and a dashed line is
used to show the limits of shoals and mud flats and the limits
of extensive wash and floodplains. The area is very flat and
the cover appears to be of a sparse tundra nature. The meandering
nature of the River is evidence of shallowness and the terrain is
interspersed with potholes and ponds indicative of past glaciation.
The sandy nature of the coastal area extending south from Goose Pt.
leaves the shoreline subject to seasonal change.

Use has been made of hachures to identify the cutbank
of the floodplains where they appear to be rather abrupt, more
so than the limits of washes, which have been shown with a dashed
line.

There is evidence that at flood stages, large areas are inundated due to the low elevation, and that shoal areas in the river are constantly changing.

Detailing was done largely in the ratio projector inasmuch the photos were of varying scales.

This sheet is part of the radial plot laid from Becharof Lake to the western limits of T-8873 in Bristol Bay, and is the subject of an attached radial plot report covering the area.

*-The date of the survey is the date of the photographs.

Respectfully submitted:

R. J. French
R. J. French

Approved by: _____
L. C. Lande

Date: May 1947

V. M. Jones
6/19/47

* 1946 - Field inspection of control.

Compilation report T8874
STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

None

Number of Temporary Hydrographic Stations located by radial plot:

10, An additional 15 could not be positively identified for plotting.

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

deleted from manuscript - see H- 7166-67

Remarks: The hydro signals located are of good position and satisfactory cuts from three directions were obtained.

The Egegik R. is meandering and a dashed line shows the limits of shoal areas, wash, and floodplain limits. The River goes through flat terrain and the cover appears as of a tundra nature. Many potholes and ponds in the floodplain areas are indicative of past glaciation and inundation at times of high water. No field inspection except for identification of control was available for detailing, and recovery of temporary hydro. stations was aided by notes from the sketchbooks and tracings furnished this office by Seattle. Shoal areas are constantly changing and have been taken from photos flown at a low stage of tide.

Detailing was done largely in the ratio projector inasmuch the photos were of varying scales.

T. 8874 has been registered in two halves. These have been labeled "East" and "West".

H.R.B.

This sheet is part of the radial plot laid from Becharof Lake to Bristol Bay, and is the subject of a radial plot report which covers T-8873 and T-8874. The radial plot report is included with the Descriptive Report for T-8873. *(attached)*

* The date of the survey is the date of the photographs, October, 1945.

Respectfully submitted:

R. J. French
R. J. French

Approved: *L. C. Lande*
L. C. Lande

Date: May 1947.

** Survey date is 1946 - field inspection of control.*

T-8874.

Geographic Names.

Alaska (for title)
Alaska Peninsula " "

Egegik River
Becharof Lake

Shosky Creek (this name shown on older USGS maps at
about long. 156°52.5', applied to a fairly
large NEly trib to Egegik River. Name OK
if feature can be established).

Names underlined in red are
approved. 6-11-52

[Handwritten signature]

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
WASHINGTON 25

No. 711-RCR

10 February 1947

COPY

To: Mr. Edgar E. Smith
Seattle Processing Office
U. S. Coast and Geodetic Survey
1500 Westlake Ave. N.,
Seattle 9, Washington

Through: Supervisor, Northwestern District

Subject: Shoreline compilation, Egegik River,
Bristol Bay, Alaska

With reference to your letter of 3 January 1947, photographs showing the identification of some of the control by Lt. Comdr. John C. Tribble have been received, and we are now starting the radial plot of three shoreline sheets to cover Egegik Bay and Egegik River to Becharof Lake. Unless unusual difficulty is encountered with the control identification or radial plot, the shoreline compilation on these three manuscripts will be completed early in April. A copy of each map will be forwarded to you as soon as it is completed.

Lt. Comdr. Ralph W. Woodworth's progress sketch shows that he accomplished field inspection of the shoreline along the shore of Bristol Bay in the vicinity of Egegik Bay, in Egegik Bay, and part way up the Egegik River. The progress sketch also indicates that Lt. Comdr. Woodworth may have identified some of the along shore triangulation on the photographs. The shoreline field inspection photographs have not yet been received in this office. Please endeavor to forward these data as soon as practicable so that they can be used for the shoreline compilation.

see next page

/s/ R. F. Luce
Acting Director

POST-OFFICE ADDRESS:

Seattle Processing Office, 1500 Westlake Ave. N., Seattle 9, Wn.

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

KTA

7-1319

7-1

76

711

733

file under Ph 8.

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

7 May 1947

To: The Director
U. S. Coast and Geodetic Survey

Subject: Compilation of Shoreline, Egegik River, Bristol Bay, Alaska

Reference: (1) Director's letter, 711-RCR, 25 April 1947
(2) Letter of E.E. Smith to Director, 24 Feb. 1947.

Since writing the letter of 24 February, I find that I misunderstood the extent of field inspection along the Egegik River. This seems to be confined to triangulation points only, and they were identified by Mr. Tribble's party.

Immediately before leaving for Alaska, Lt. Comdr. Woodworth turned over to the Seattle Processing Office nine lens photographs which he received too late in the season to permit inspection. The only ones in the Egegik area were Nos. 14126 and 14373. There were no inspection marks upon them, and any notes seen now were made in the processing office.

We were also given certain note books which we have examined carefully. We have noted the contents on the covers of the books and have prepared descriptions of the marked topographic stations. The many objects observed upon with the sextant have been plotted and notes added to clarify the identity of the object.

At some stations the main angles were repeated and balanced against 360° . These were copied into two horizontal angle books, from which lists of directions were made by the field party. We have indicated on these records also the hydrographic names of the objects to facilitate work with them.

All angles have been plotted on the smooth sheets. We think we have a good graphic determination of the signals, though some of them depend upon opinion in selection of the proper intersection.



We think that stations LIB, POLE, and Red Bluff Light (LITE) can be spotted under the stereoscope. Possibly COR, CAR, TRI, SPIT, and NIP can be located on the photographs after study of the data.

The five signals below are natural objects which can be seen in the photographs:

HOW (white house near marine railway)
OLD (stem of old hulk on beach at Egegik)
GREEN (little house on bluff - door)
BLA (smoke pipe of house)
RED HOUSE (S. gable house at old cannery)

Stations EGEKIK and TRI can be closely approximated.

We assume that the occupied triangulation stations were identified by Mr. Tribble's party and are readily available.

Between triangulation stations SKL and LAGOON there are no located points on the river. Sextant angles were measured at several points, near LAGOON, but there is no base line, and there is no orienting direction at LAGOON (unless a common line is in the list of directions which we have requested but not yet received). The use of these angles will depend on the photo location of those angle points recognizable in the pictures.

Our needs were indicated in the tracing which accompanied my letter of 24 February 1947. The location of all the upper part of the river will depend on the inspection of the triangulation alone.

The following are being sent to you under separate cover:

1. 1 Tracing of Projection and signals on smooth sheet H-7166
2. 1 " " " " " " H-7167
3. 2 Nine Lens Photographs, Nos. 14126 and 14373
4. 7 Sketch Books, Form 274
5. 2 Horizontal Angle Books, Form 250
6. 1 Cahier, Lists of Directions from Sextant Angles
7. 6 Sheets " " , copies of Mr. Tribble's work
8. 13 Descriptions, prepared from the sketch books in this office

It is requested that items 4 to 7 be returned to us when no longer needed, as we anticipate some further need for them when plotting the up-river sheet, particularly sketch book No. 6.

All other photographs received from Mr. Woodworth pertained to the Naknek area and were sent to the PATHFINDER.

Edgar E. Smith
Edgar E. Smith
Cartographic Engineer
Seattle Processing Office

T-8873.

Geographic Names.

- ✓ Alaska (for title)
- ✓ Alaska Peninsula " "
- ✓ Bristol Bay
- ✓ Egegik Bay
- ✓ Egegik River
- ✓ Egegik
- ✓ Goose Point
- ✓ South Spit (neck of which Goose Pt. is extremity)
- ✓ Red Bluff Light
- ✓ B. shop Creek (small creek just north of light)
- ✓ Coffee Point
- ✓ King Salmon River
- ✓ King Salmon Island (in mouth of river)
- ✓ Egg Island (long. 157° 17')
- ✓ Swampy River (from south at long. 157° 15.6')

✓ (see nautical chart 9051 for placement of names)

Names underlined in red are approved. 6-11-52

[Signature]

Review Report T-8873 and T-8874
Shoreline Maps
17 June 1952

62. Comparison with Registered Topographic Surveys.-There are no prior registered topographic surveys covering the area of T-8873 and T-8874. There is, however, survey, C.S. 316, that covers the area of these two maps. C.S. 316 was produced at a scale of 1:75,000 in March 1946 as a reconnaissance map for use by the Division of Geodesy and is filed with its accompanying report in the general files of the Division of Photogrammetry.

63. Comparison with Maps of other Agencies.-U.S.G.S. Kanatak District Alaska, 1:250,000, 1921-22, 1925, Egegik River and Egegik Bay have been generalized on the U.S.G.S. map and shown by a dashed line to indicate that it has not been surveyed in detail. These features are shown by a solid line on T-8873 and T-8874.

64. Comparison with Contemporary Hydrographic Surveys.-

H-7166, 1:20,000, 1946 (Includes 1:5,000 scale inset
of portion of Egegik River)

H-7167, 1:20,000, 1946

Channel lines in Egegik River on T-8873-74 applied from the photographs without benefit of field inspection were deleted in the instances they could not be reconciled with the hydrographic surveys. Channel lines shown are considered approximate as they are subject to constant change and photo-interpretation is not necessarily positive.

The low water line that was in agreement with the hydro surveys was retained.

65. Comparison with Nautical Charts.-

9051, 1:100,000, ed. of 1950, latest print date 8/20/51

There are no significant differences between T-8873-74 and the chart.

66. Adequacy of Results and Future Surveys.-These maps ~~meet~~ ^{comply} the ~~Bureau requirements for accuracy~~ ^{proper instructions}. They are adequate as a base for hydrographic surveys and the construction of nautical charts.

Reviewed by:

K. N. Maki
K. N. Maki

Approved:

S. V. Griffith
Chief, Review Section
Division of Photogrammetry

H. E. Munro
Chief, Nautical Chart Branch
Division of Charts *EFW*

O. S. Reading
Chief, Div. Photogrammetry
OSR

Carl O. Henton
Chief, Div. Coastal Surveys
CH

NAUTICAL CHARTS BRANCH

SURVEY NO. 78873
78874

Record of Application to Charts

[illegible]

M-2168-I

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

HORIZONTAL DATUM ADJUSTMENT

Bristol Bay, Alaska

The subject maps were radial plotted on unadjusted (Field) datum which was subsequently adjusted to the North American 1927 datum by the Division of Geodesy. The datum correction has been computed for each sheet, and stamped into the Descriptive Report on page 1, and on the manuscripts and registered cloth-backed copies near the title block. However, as the title block of each clothback sheet contains the note, "1927 North American Datum", it was necessary to stamp the word, "(Unadjusted)" beside this datum note in the title block of each sheet.

See the special report, Horizontal Control Datum, Ph-8(46), Ph-8A(46), and Ph-8B(46), filed with the Completion Report for the project for details and lists of the maps, reports, and registration copies marked with this adjustment. The following is a list of the maps in the projects:

Ph-8(46), TOPOGRAPHIC

T-9038 thru T-9040
9044 " 9047
9054 " 9057
9064, -9065, -9070
9071, -9074, -9075
9227 thru 9253

Ph-8A(46), PLANIMETRIC

T-9041 thru T-9043
9048 " 9053
9058 " 9063
9066 " 9069
9072, -9073
9076, -9078

Ph-8B(46), SHORELINE

T-8873 (E&W) and T-8874