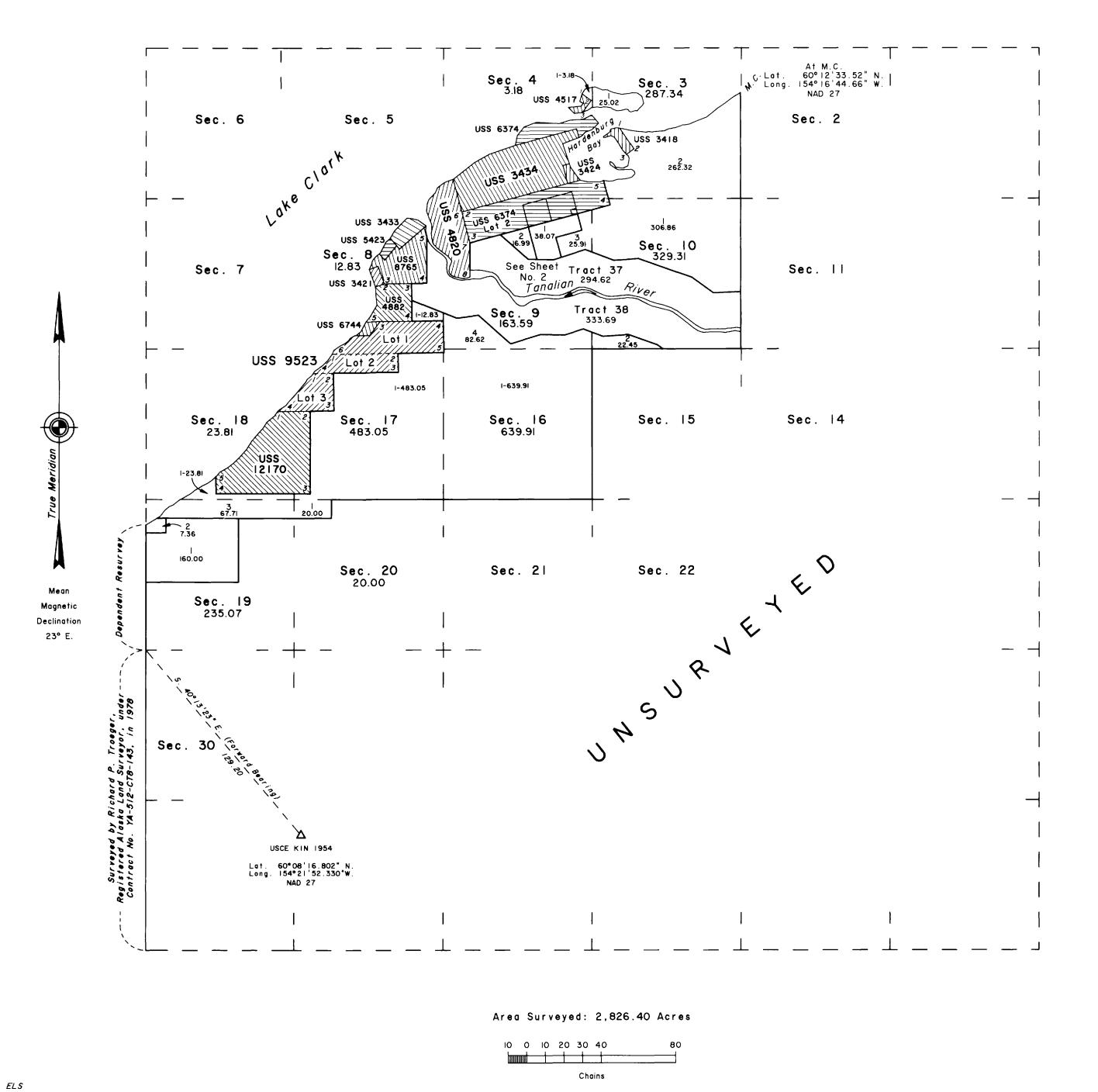
Sheet 1 of 2 sheets

TOWNSHIP I NORTH, RANGE 29 WEST, OF THE SEWARD MERIDIAN, ALASKA



The history of surveys is contained in the field notes.

This plat and the field notes represents the dependent resurvey of a portion of the west boundary, portions of U.S. Survey Nos. 3418, 4517, 4820, 4882, 6374, 8765, and 9523, the survey of a portion of the subdivisional lines, a portion of the subdivision of section lines, Tracts 37 and 38, 2 irregular shaped lots in section 9, 2 irregular shaped lots in section 19, and a portion of the meanders of Township I North, Range 29 West, Seward Meridian, Alaska.

The survey was executed by Eric L. Stoll, Cadastral Surveyor, August 28 through October 8, 1997, in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions for Group No. 699, Alaska, dated June 26, 1997, approved August 14, 1997, and Assignment instructions dated August 21, 1997.

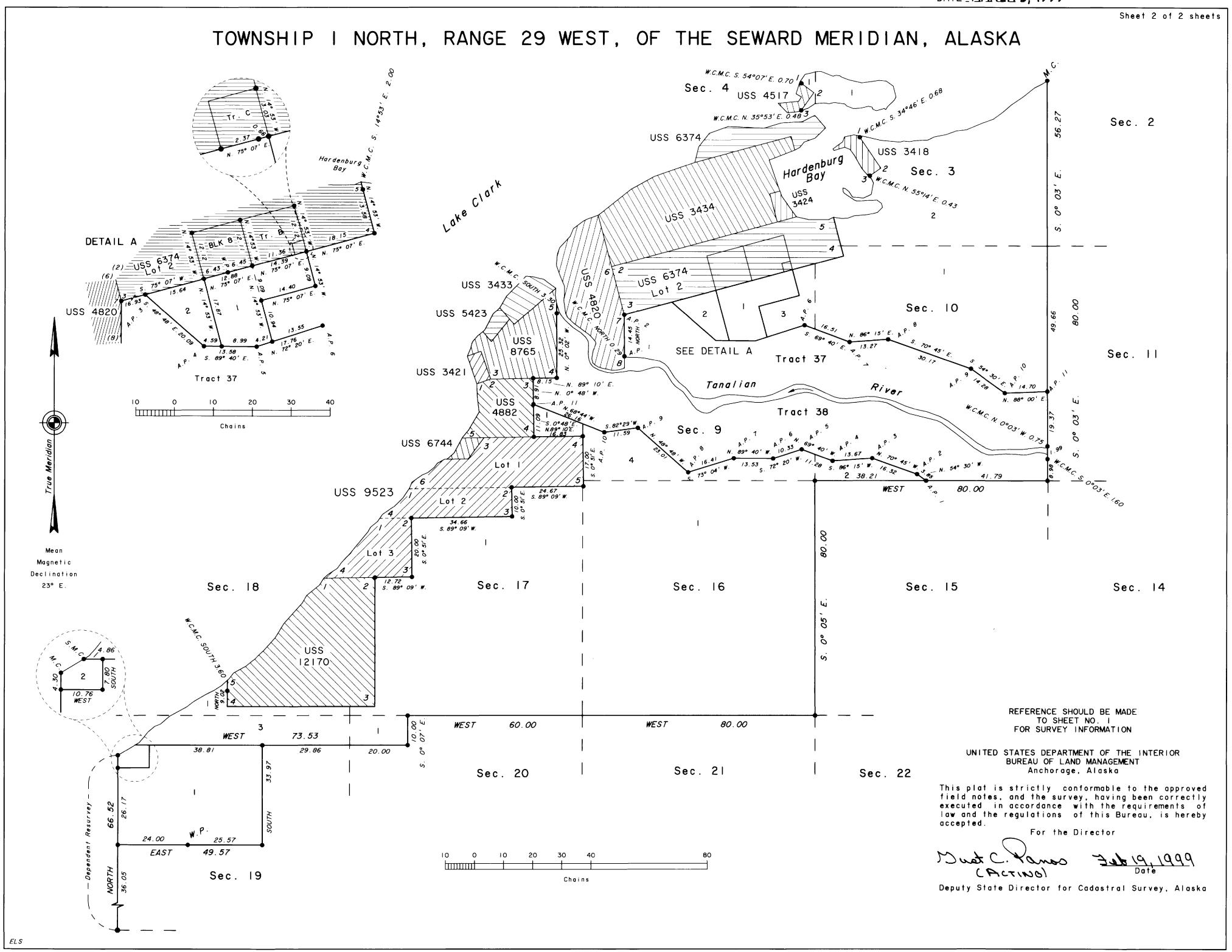
Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

> UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Anchorage, Alaska

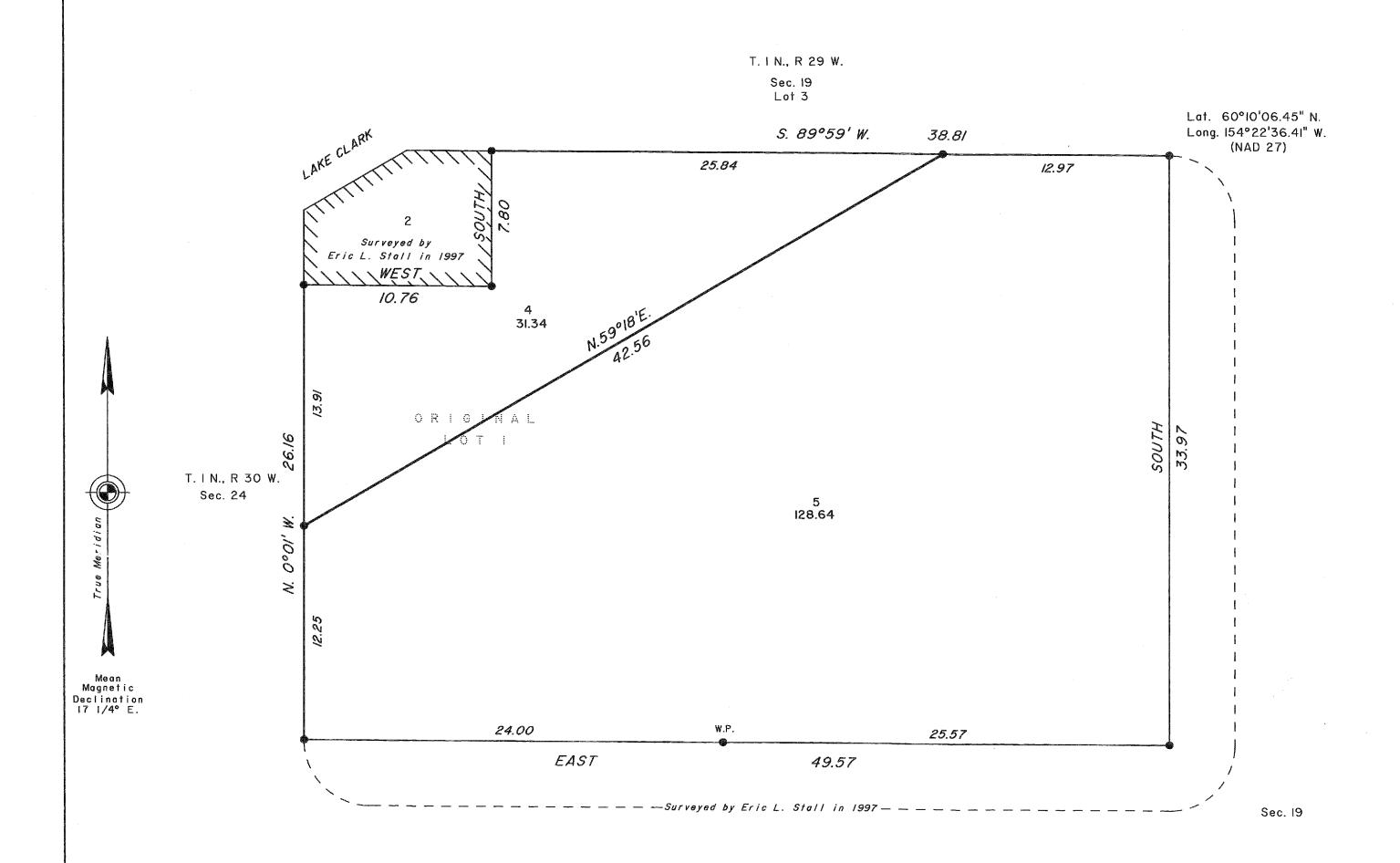
This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Deputy State Director for Cadastral Survey, Alaska



TOWNSHIP I NORTH, RANGE 29 WEST, OF THE SEWARD MERIDIAN, ALASKA DEPENDENT RESURVEY AND SUBDIVISION OF LOT I, INTO LOTS 4 AND 5, SECTION 19



1012345

Chains

A history of surveys is contained in the field notes.

This plat and field notes represent the dependent resurvey of the west boundary, of a portion of the subdivision of section lines, and subdivision of Lot I into Lots 4 and 5, section 19 Township I North, Range 29 West, of the Seward Meridian, in the State of Alaska

All bearings are true mean bearings.

This survey was executed by Andrew B. Heikkinen, Cadastral Surveyor, May 25 through May 26, 2009, in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Supplemental Special Instructions for Group No. 699, Alaska, dated August 17, 2007.

Except as indicated hereon, lottings and areas are as shown on the plat of survey accepted February 19, 1999.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Anchorage, Alaska

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Stephen B. Harrish august 27, 2016

Chief Cadastral Surveyor for Alaska

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE WEST BOUNDARY

PORTIONS OF U.S. SURVEY NOS.

3418, 4517, 4820, 4882, 6374, 8765 AND 9523

THE SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES

A PORTION OF THE SUBDIVISION OF SECTION LINES

TRACTS 37 AND 38

AND

- 2 IRREGULAR SHAPED LOTS IN SECTION 9
- 2 IRREGULAR SHAPED LOTS IN SECTION 19

AND

A PORTION OF THE MEANDERS

OF TOWNSHIP 1 NORTH, RANGE 29 WEST

OF THE SEWARD MERIDIAN

IN THE STATE OF ALASKA

EXECUTED BY

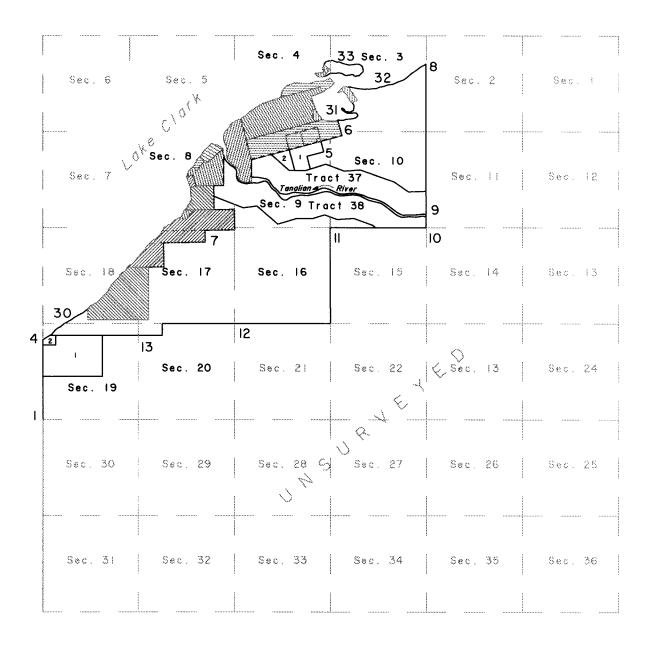
Eric L. Stoll, Cadastral Surveyor

Under special instructions dated June 26, 1997, approved August 14, 1997, which provided for the surveys included under Group No. 699, and assignment instructions dated August 21, 1997.

Survey commenced: August 28, 1997 Survey completed: October 8, 1997

INDEX DIAGRAM

TOWNSHIP I NORTH, RANGE 29 WEST, OF THE SEWARD MERIDIAN, ALASKA



Tract 37
LOT I & 2, SEC. 9
TRACT 38
LOT I & 2 SEC. I9
MEANDERS RIGHT BANK TANALIAN RIVER
MEANDERS LEFT BANK TANALIAN RIVER
PAGES 23-28
PAGES 28-30
PAGES 35
PAGES 36-37

T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains

The following field notes describe the dependent resurvey of a portion of the west boundary, portions of U.S. Survey Nos. 3418, 4517, 4820, 4882, 6374, 8765 and 9523, the survey of a portion of the subdivisional lines, a portion of the subdivision of section lines, Tracts 37 and 38, 2 irregular shaped lots in section 9, 2 irregular shaped lots in section 19, and a portion of the meanders of Township 1 North, Range 29 West, Seward Meridian, Alaska.

The west boundary of the township was surveyed by Richard P. Troeger, Registered Alaska Land Surveyor, for ABC Surveys Ltd., under Contract No. YA-512-CT8-143, in 1978.

- U.S. Survey No. 3418 was surveyed by Harold Radcliffe, Cartographer (Cadastral), in 1955.
- U.S. Survey No. 4517 was surveyed by Jim H. Tyer, Supervisory Cadastral Surveyor, in 1962.
- U.S. Survey No. 4820 was surveyed by Christopher R. Russell, Cadastral Surveyor, in 1985.
- U.S. Survey No. 4882 was surveyed by Kenneth H. Wright, Cadastral Surveyor, in 1966.
- U.S. Survey No. 6374 was surveyed by Michael D. Wilson, Cadastral Surveyor, in 1979.
- U.S. Survey No. 8765 was surveyed by Douglas A. Spence, Cadastral Surveyor, in 1988.
- U.S. Survey No. 9523 was surveyed by Brock R. Clifford, Cadastral Surveyor, in 1988.
- U.S. Survey No. 12170 was surveyed by Eric L. Stoll, Cadastral Surveyor, in 1997.

Block 8, Alsworth Subdivision Addition No. 5 was surveyed by Fred Walatka, Registered Alaska Land Surveyor No. 3255, for Fred Walatka & Associates, in 1986, and filed with the Alaska State Recorders Office, Iliamna Recording District, August 13, 1986, as Plat No. 86-2.

Alsworth Subdivision Addition No. 6 was surveyed by Fred Walatka, Registered Alaska Land Surveyor No. 3255, for Fred Walatka & Associates, in 1987, and filed with the Alaska State Recorders Office, Iliamna Recording District, November 20, 1987, as Plat No. 87-10.

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Special Instructions for Group No. 699, Alaska, dated June 26, 1997.

The azimuth was obtained from direct observations of the sun, using the hour angle method, and refers to the true meridian

T. 1 N., R. 29 W., Seward Meridian, Alaska

2

Chains

The geographic position of the meander corner of sections 2 and 3, based on a tie by Global Positioning System (GPS), utilizing static relative positioning techniques to U.S. Corps of Engineers triangulation station "KIN 1954" with a Bureau of Land Management assigned value in 1978 is:

Latitude 60°12'33.52" North, Longitude 154°16'44.66" West NAD 27

The mean magnetic declination of 23° E. was obtained from U.S. Geological Survey quadrangle map "LAKE CLARK (A-4)," Alaska, 1954 edition.

Preliminary Statement

Preliminary to the execution of this survey, it was necessary to dependently resurvey a portion of the west boundary, portions of U.S. Survey Nos. 3418, 4517, 4820, 4882, 6374, 8765 and 9523. This survey was executed in part by conventional survey methods and in part by the Global Positioning System (GPS), utilizing static relative positioning techniques and kinematic survey techniques using a helicopter as a platform. The records of the dependent resurveys are incorporated into the body of these notes where appropriate.

Dependent Resurvey of a Portion of the W. Bdy. T. 1 N., R. 29 W., Seward Meridian, Alaska

Beginning at the cor. of secs. 19, 24, 25 and 30, monumented with an alum. post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with alum. cap mkd. T1N R30W R29W S24 S19 S25 S30 1978, from which the original bearing trees

- A dead spruce, 8 ins. diam., bears N. 62° E., 162 lks. dist., mkd. T1N R29W S19 BT.
- A spruce, 5 ins. diam., bears S. 66 1/2° E., 141 lks. dist., with healed blazes. (Record: S. 60° E.)
- A spruce, 13 ins. diam., bears S. 8 1/4° W., 197 lks. dist., with scribe marks. T1N R32W S25 BT visible on partially healed blaze. (Record: S. 6° W., 198 lks., R30W)
- A spruce, 8 ins. diam., bears N. 57° W., 219 lks. dist., with scribe marks. T1N R30W S24 BT visible on partially healed blaze.

An alum. rod, 3/4 in. diam., firmly set, projecting 22 ins. above the ground, bears W, 10 lks., with an orange triangular marker on top.

from which a new bearing tree

A spruce, 5 ins. diam., bears N. 37 3/4° E., 151 lks. dist., mkd. X BT.

Dependent Resurvey of a Portion of the W. Bdy. T. 1 N., R. 29 W., Seward Meridian, Alaska

3

Chains

Add marks 1997 on the alum. cap.

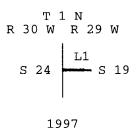
From this point, U.S. Corps of Engineers triangulation station "KIN 1954" with a Bureau of Land Management assigned value in 1978, bears S. 40°13'23" E. (forward bearing) 129.20 chs. dist., monumented with a steel pipe, 2 ins. diam., firmly set, projecting 12 in. above the ground, with brass tablet cemented on top, mkd. KIN 1954, from which the original reference marks

- A bolt, 0.5 ins. diam., firmly set, projecting 7 ins. above the ground, bears S. 4° W., 118 lks. dist.
- A bolt, 0.5 ins. diam., firmly set, projecting 12 ins. above the ground, bears S. 66° W., 98 lks. dist.

North, bet. secs. 19 and 24

36.05 Point for the SW cor. of Lot 1, of the irregular subdivision of sec. 19.

> Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.



from which

- A spruce, 6 ins. diam., bears S. 3 3/4° E., 160 lks. dist., mkd. X BT.
- A spruce, 5 ins. diam., bears S. 54 1/2° W., 176 lks. dist., mkd. X BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

62.22 Point for the WNW cor. of Lot 1, identical with the SW cor. of Lot 2, of the irregular subdivision of sec. 19.

> Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the W. Bdy. T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains

from which

- A spruce, 7 ins. diam., bears N. 57 1/2° E., 27 lks. dist., mkd. S19 L2 BT.
- A spruce, 4 ins. diam., bears N. 32 1/2° W., 50 lks. dist., mkd. X BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

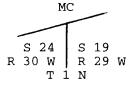
66.52

The meander cor. of secs. 19 and 24, identical with the point for the WNW cor. of Lot 2, sec. 19, monumented with an alum. rod, 5/8 in. diam., loosely set, projecting 6 ft. above the ground, with alum. cap mkd. MC S24 S19 R30W R29W T1N 1978, from which the remains of the original bearing trees

- A spruce snag, 3 ft. high, 3 ins. diam., bears S. 29° E., 32 lks. dist., with scribe marks BT visible on open blaze.
- A spruce snag, 2 1/2 ft. high, 3 ins. diam., bears S. 39° W., 40 lks. dist., with scribe marks BT visible on open blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.



1997

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Raise a mound of stone, 6 ft. base, 2 ft. high, 7.6 lks. S of

Reset the original alum. rod, with the orange triangular marker on top, 6 ft. long, 3/4 ins. diam., 4 ft. in the ground, S, 9.2 lks. dist.

Bury the 3 sections of 5/8 in. diam. alum. rod and the alum. cap alongside the stainless steel post.

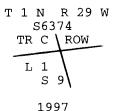
This cor. is designated as the meander cor. for the WNW cor. of Lot 2, sec. 19.

Chains

From the SE cor. of Tract C, Alsworth Subdivision Addition No. 6, identical with the SW cor. of the intersection of McCullough and Willow Roads, and on line 3-4, Lot 2, U.S. Survey No. 6374, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.



from which

A spruce, 4 ins. diam., bears S. 69 $1/2^{\circ}$ E., 63 lks. dist., mkd. X BT.

The southerly cor. of a house, 26 x 52 ft., bears N. 43° E., 1.83 chs. dist., long side extends N. 53° W.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Buried the original rebar alongside the stainless steel post.

From this point, the NE cor. of Tract C, Alsworth Subdivision Addition No. 6, bears N. $14^{\circ}53'$ W., 3.03 chs. dist, monumented with a rebar, 1/2 in. diam., firmly set, height not noted.

From the same point, the NE cor. of Tract B, Alsworth Subdivision Addition No. 6, bears N. 14°53' W., 12.12 chs. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground.

N. $75^{\circ}07'$ E., on a portion of line 3-4, Lot 2, U.S. Survey No. 6374.

18.15

Cor. No. 4, Lot 2, U.S. Survey No. 6374, monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 6 ins. above the ground, with brass cap mkd. S6374 L2 C4 1979, from which the original bearing trees

- A spruce, 8 ins. diam., bears N. 4 $3/4^{\circ}$ E., 66 lks. dist., with healed blaze.
- A spruce, 7 ins. diam., bears N. 52 $1/2^{\circ}$ W., 41 1/2 lks. dist., with scribe marks C4 L2 S6374 BT on open blaze.

No new marks added to the brass cap.

N. 14°53' W., on line 4-5, U.S. Survey No. 6374.

Dependent Resurvey of a portion of U.S. Survey No. 6374, Lot 2

Chains 11.58	The witness cor. to cor. No. 5, Lot 2, U.S. Survey No. 6374, a meander cor., monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 5 ins. above the ground, with brass cap mkd. WC MC C5 L2 S6374 1979.
	No evidence of the original bearing trees was found.
	from which a new bearing tree
	A spruce, 5 ins. diam., bears N. 67 1/2° E., 47 lks. dist., mkd. X BT.
	The SE cor. of the easterly most cabin of Lake Clark Inn, 24 x 40 ft., bears S. 20 $3/4^\circ$ W., 52 lks. dist., long side extends S. 84° W.
	Add marks 1997 to the brass cap.
13.58	True point for cor. No. 5, Lot 2, U.S. Survey No. 6374, a meander cor.
	Dependent Resurvey of a portion of U.S. Survey No. 9523, Lots 1, 2 and 3
	From cor. No. 4, U.S. Survey No. 4882, on line 3-4, Lot 1, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. C4 S4882 L1 S9523 1966 1988.
	No evidence of the pits was found.
:	No new accessories taken.
	N. 89°10' E., on a portion of line 3-4, Lot 1, U.S. Survey No. 9523.
16.83	Cor. No. 4, Lot 1, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. C4 L1 S9523 1988, from which the original bearing tree
	A spruce, 6 ins. diam., bears N. 43 3/4° E., 101 lks. dist., with scribe marks X BT visible on partially healed blazes. (Record; N. 44 3/4° E.)
	No new accessories taken.
	S. 0°51' E., on line 4-5, Lot 1, U.S. Survey No. 9523.
17.00	Cor. No. 5, Lot 1, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. S9523 L1 C5 1988.
!	No accessories available.
	S. 89°09' W., on a portion of line 5-6, Lot 1, U.S. Survey No. 9523.

Dependent Resurvey of a portion of U.S. Survey No. 9523, Lots 1, 2, and 3

	U.S. Survey No. 9523, Lots 1, 2, and 3
Chains 24.67	Cor. No. 2, Lot 2, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. L1 S9523 L2 C2 1988. No accessories available.
10.00	S. 0°51' E., on line 2-3, Lot 2, U.S. Survey No. 9523.
10.00	Cor. No. 3, Lot 2, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. S9523 L2 C3 1988, from which the original bearing trees
	A birch, 9 ins. diam., bears N. 47 3/4° E., 87 lks. dist., with scribe marks X BT visible on partially healed blazes. (Record; N. 49° E.)
	A spruce, 8 ins. diam., bears N. 36 3/4° W., 80 lks. dist., with scribe marks C3 L2 S9523 BT visible on a partially healed blaze. (Record; N. 35 3/4° W.)
	S. 89°09' W., on a portion of line 3-4, Lot 2, U.S. Survey No. 9523.
34.66	Cor. No. 2, Lot 3, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. L2 S9523 C2 L3 1988.
	No accessories available.
	S. 0°51' E., on line 2-3, Lot 3, U.S. Survey No. 9523.
20.00	Cor. No. 3, Lot 3, U.S. Survey No. 9523, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. S9523 L3 C3 1988, from which the original bearing tree
	A spruce, 5 ins. diam., bears N. 20 1/4° E., 130 lks. dist., with scribe marks X BT visible on partially healed blazes.
	S. 89°09' W., on a portion of line 3-4, Lot 3, U.S. Survey No. 9523.
12.72	Cor. No. 2, U.S. Survey No. 12170, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. S9523 L3 S12170 C2 1997, from which the original bearing trees
	A spruce, 4 ins. diam., bears S. 18 1/2° W., 15 lks. dist., with scribe marks X BT visible on open blazes.

Dependent Resurvey of a portion of U.S. Survey No. 9523, Lots 1, 2, and 3

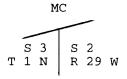
Chains

A spruce, 4 ins. diam., bears N. 68 1/2° W., 51 lks. dist., with scribe marks X BT visible on open blazes.

Survey of a Portion of the Subdivisional lines and Subdivision of Section Lines of T. 1 N., R. 29 W., Seward Meridian, Alaska

From the point for the meander cor. of secs. 2 and 3.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, in a collar of stone, 4 ft. diam., with brass cap mkd.



1997

Raise a mound of stone, 4 ft. base, 2 ft. high, 7.6 lks. S of cor.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

S. $0^{\circ}03$ ' E., bet. secs. 2 and 3.

56.27 Point for the cor. secs. 2, 3, 10 and 11; not monumented.

S. 0°03' E., bet. secs. 10 and 11.

49.66 | Point for Angle Point No. 11, Tract 37.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

1997

from which

A spruce, 4 ins. diam., bears N. 54 $1/4^{\circ}$ E., 82 lks. dist., mkd. X BT.

A spruce, 4 ins. diam., bears N. 46 $3/4^{\circ}$ W., 26 lks. dist., mkd. X BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

	Seward Meridian, Alaska
Chains	
53.95	Falls Trail, 6 lks. wide, bears S. 80° E. and N. 80° W.
68.28	Point selected for the witness cor. to the meander cor. of secs. 10 and 11, identical with the point selected for the witness cor. to the meander cor. of Tract 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	WC
	T 1 N R 29 W S 10 S 11
	МС
	1997
	from which
	A spruce, 11 ins. diam., bears S. 26 1/4° E., 24 lks. dist., mkd. X BT.
	A birch, 7 ins. diam., bears S. 80 1/2° W., 15 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
69.03	True point for the meander cor. of secs. 10 and 11, identical with the true point for the meander cor. of Tract 37, on the right bank of Tanalian River; not monumented due to liability of destruction by ice and water action.
71.02	True point for the meander cor. of secs. 10 and 11, identical with the true point for the meander cor. of Tract 38, on the left bank of Tanalian River; not monumented due to liability of destruction by ice and water action.
72.62	Point selected for the witness cor. to the meander cor. of secs. 10 and 11, identical with the point selected for the witness cor. to the meander cor. of Tract 38.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	WC MC
	S 10 S 11
	T 1 N R 29 W
	1997
	from which
	A birch, 5 ins. diam., bears S. 1 3/4° W., 63 lks. dist., mkd. X BT.

Chains	
	A birch, 4 ins. diam., bears S. 54° W., 60 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 10, 11, 14 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	$ \begin{array}{c cccccccccccccccccccccccccccccccc$
	1997
	from which
	A spruce, 5 ins. diam., bears N. 65° E., 112 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 69 1/2° E., 47 lks. dist., mkd. X BT.
:	A spruce, 4 ins. diam., bears S. 48 1/4° W., 72 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears N. 7 3/4° W., 68 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Corner is located on top of a ridge, 15 ft. high, bears N. 50° E. and S. 50° W.
	West, bet. secs. 10 and 15.
41.79	Point for Angle Point No. 1, Tract 38.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	TR 38 S 10 AP 1
	S 15
	1997
	from which
	A birch, 4 ins. diam., bears N. 32 3/4° E., 32 lks. dist., mkd. X BT.

Chains	
	A birch, 5 ins. diam., bears S. 82 1/4° W., 19 lks. dist., mkd. TR38 AP1 BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	S 9 S 10 S 16 S 15
	1997
	from which
	A spruce, 4 ins. diam., bears N. 83 1/4° E., 55 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 51 1/2° E., 198 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears S. 4 1/4° E., 55 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears N. 16 1/4° W., 186 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	S. 0°05' E., bet. secs. 15 and 16.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	<u>S 16 S 15 S 21 S 22 </u>
	1997
	from which
	A spruce, 9 ins. diam., bears N. 24 $3/4^{\circ}$ E., 97 lks. dist., mkd. T1N R29W S15 BT.
	A spruce, 4 ins. diam., bears S. 55° E., 73 lks. dist., mkd. X BT.
	A spruce, 10 ins. diam., bears S. 58 3/4° W., 72 lks. dist., mkd. T1N R29W S21 BT.

Chains	A spruce, 5 ins. diam., bears N. 44 1/2° W.,
	84 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case at the base of the
	stainless steel post.
	West, bet. secs. 16 and 21.
80.00	Point for the cor. of secs. 16, 17, 20 and 21; not monumented.
	West, bet. secs. 17 and 20.
60.00	Point for the W 1/16 sec. cor. of secs. 17 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	S 17
	W 1/16 ——————————————————————————————————
	1997
	from which
	A spruce, 8 ins. diam., bears N. 17 1/4° E., 149 lks. dist., mkd. X BT.
	A spruce, 7 ins. diam., bears N. 72 1/4° E., 118 lks. dist., mkd. W 1/16 S17 BT.
	A birch, 4 ins. diam., bears S. 65 3/4° W., 39 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	S. 0°07' E., along the N-S centerline of the NW 1/4 of sec. 20.
10.00	Point for the C-N-NW 1/64 sec. cor. of sec. 20.
	Set a brass tablet, 3 $1/4$ ins. diam., 3 $1/2$ in. stem, cemented in a drill hole on the E face of a rock outcrop, 3 x 2 x $1/2$ ft. high, with top mkd.
	S 20
	C-N-NW 1/64
	1997
	from which
	A spruce, 4 ins. diam., bears S. 89 1/2° E., 114 lks. dist., mkd. X BT.

	Seward Meridian, Alaska
Chains	
	A spruce, 4 ins. diam., bears N. 7 1/4° W., 72 lks. dist., mkd. X BT.
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3 lks. N of cor.
	West, along the E-W centerline of the NW 1/4 of the NW 1/4 of sec. 20.
20.00	Point for the N-N 1/64 sec. cor. of secs. 19 and 20; not monumented.
	West, along the E-W centerline of the N 1/2 of the NE 1/4 of sec. 19.
29.86	Point for the NE cor. of Lot 1, sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	NN — NN
	L1
	1997
	from which
	A spruce, 7 ins. diam., bears S. 54° E., 100 lks. dist., mkd. X BT.
	A spruce, 6 ins. diam., bears S. 32 1/4° W., 121 lks. dist., mkd. S19 L1 BT.
:	Deposit a magnet in a white plastic case at the base of the stainless steel post.
68.67	Point for the NNW cor. of Lot 1, identical with the point for the NE cor. of Lot 2, sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W S 19
	$NN \frac{S}{L2} NN$
	l
	1997
	from which
	A spruce, 4 ins. diam., bears S. 73 1/2° E., 46 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 35° W., 35 lks. dist., mkd. S19 L2 BT.

Chains	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
69.30	Top of ridge, bears N. 38° E. and S. 38° W.
73.53	Point for the special meander cor. of sec. 19, identical with the meander cor. for the NNW cor. of Lot 2, sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.
	SMC NN NN
	1997
	Raise a mound of stone, 4 ft. base, 2 ft. high, 13.6 lks. E of cor.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Tract 37, T. 1 N., R. 29 W., Seward Meridian, Alaska
	From the intersection of line 7-8, Lot 3, U.S. Survey No. 4820, at the present day meander line of the right bank of the Tanalian River.
	This point is designated as the true point for Angle Point No. 1, Tract 37, a meander cor.
	North, on line 7-8, Lot 3, U.S. Survey No. 4820, identical with line 1-2, Tract 37.
0.29	The witness cor. to cor. No. 8, Lot 3, U.S. Survey No. 4820, a meander cor., monumented with an alum. post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with alum. cap mkd. WC S4820 L3 C8 MC 1985, from which the original bearing trees
	A birch, 6 ins. diam., bears N. 58 1/2° E., 5 1/2 lks. dist., with scribe marks X BT visible on partially healed blazes. (Record; N. 55 1/2° E.)
	A spruce, 8 ins. diam., bears N. 56° W., 64 lks. dist., with scribe marks X BT visible on partially healed blazes.
	This cor. is designated as the witness cor. to Angle Point No. 1, Tract 37, a meander cor., no new marks added to alum. cap.

Chains Cor. No. 7, Lot 3, U.S. Survey No. 4820, identical with cor. No. 3, Lot 2, U.S. Survey No. 6374, monumented with an iron 14.45 post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. S6374 L2 C3 S4820 L3 C7 1985 1979, from which the original bearing trees A spruce, 13 ins. diam., bears S. 78° W., 46 lks. dist., with healed blaze. A spruce, 6 ins. diam., bears N. 4° W., 36 1/2 lks. dist., with fragmentary scribe marks visible on mostly healed blaze. This cor. is designated as Angle Point No. 2, Tract No. 37; no new marks added to brass cap. N. 75°07' E., on a portion of line 3-4, Lot 2, U.S. Survey No. 6374, identical with line 2-3, Tract 37. 16.93 Point for Angle Point No. 3, Tract 37, identical with NW cor. of Lot 2, sec. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T 1 N R 29 W S6374 BLK 3 AP 3 TR 37 1997 from which A spruce, 7 ins. diam., bears N. 39° E., 25 lks. dist., mkd. X BT. A spruce, 5 ins. diam., bears S. 72 1/2° E., 52 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. S. 48°48' E., on line 3-4, Tract 37, identical with the westerly line of Lot 2, sec. 9, and approximately 20 chs. right of the thread of Tanalian River. 20.09 Point for Angle Point No. 4, Tract 37, identical with SW cor. of Lot 2, sec. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

Chains T 1 N R 29 W S 9 L2AP 4 TR 37 1997 from which A spruce, 6 ins. diam., bears S. 61 3/4° W., 22 lks. dist., mkd. TR37 AP4 BT. A spruce, 6 ins. diam., bears N. 31 1/2° W., 24 lks. dist., mkd. S9 L2 BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. S. 89°40' E., on line 4-5, Tract 37, identical with the southerly line of Lot 2, sec. 9. 1.75 Trail, 12 lks. wide, bears N-S. 4.59 Point for the SE cor. of Lot 2, identical with the SW cor. of Lot 1, sec. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 1 N R 29 W S 9 L2 L1 TR 37 1997 from which A spruce, 5 ins. diam., bears N. 4 1/4° E., 57 lks. dist., mkd. X BT. A spruce, 6 ins. diam., bears N. 67° E., 24 lks. dist., mkd. S9 L1 BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. 13.58 Point for Angle Point No. 5, Tract 37, identical with the southernmost cor. of Lot 1, sec. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

Chains T 1 N R 29 W S 9 L1AP 5 TR 37 1997 from which A spruce, 6 ins. diam., bears N. 38 1/4° E., 79 lks. dist., mkd. X BT. A spruce, 6 ins. diam., bears N. 68 1/2° W., 8 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. N. 72°20' E., on line 5-6, Tract 37, identical in part with the SE line of Lot 1, sec. 9. 4.21 Point for the SE cor. of Lot 1, sec. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 1 N R 29 W S 9 TR 37 1997 from which A spruce, 4 ins. diam., bears N. 9° E., 29 lks. dist., mkd. X BT. A spruce, 6 ins. diam., bears S. 38 3/4° E., 92 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case and three alum. soda cans at the base of the stainless steel post. 17.76 Point for Angle Point No. 6, Tract 37. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T 1 N R 29 W AP 6 TR 37 1997

Tract 37, T. 1 N., R. 29 W., Seward Meridian, Alaska

	Seward Meridian, Alaska
Chains	
	from which
	A spruce, 4 ins. diam., bears S. 25 1/2° W., 39 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears N. 41 3/4° W., 50 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	S. 69°40' E., on line 6-7, Tract 37.
13.50	Trail, 6 lks. wide, bears S. 15° E. and N. 15° W.
16.51	Point for Angle Point No. 7, Tract 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	AP 7
	TR 37
	1997
	from which
	A spruce, 5 ins. diam., bears N. 48 1/4° E., 15 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 37° E., 36 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 86°15' E., on line 7-8, Tract 37.
13.27	Point for Angle Point No. 8, Tract 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	AP 8
	TR 37
	1997
	from which
	A spruce, 4 ins. diam., bears S. 13 1/2° W., 42 lks. dist., mkd. X BT.

Chains	
	A spruce, 4 ins. diam., bears N. 23° W., 21 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
:	S. 70°45' E., on line 8-9, Tract 37.
30.17	Point for Angle Point No. 9, Tract 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	AP 9 TR 37
	1997
	from which
	A spruce, 5 ins. diam., bears S. 48° E., 39 lks. dist., mkd. TR37 AP9 BT.
	A spruce, 8 ins. diam., bears S. 57° W., 30 lks. dist., mkd. TR37 AP9 BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	S. 54°30' E., on line 9-10, Tract 37.
11.65	Trail, 6 lks. wide, bears S. 70° E. and N. 70° W.
13.10	Trail, 6 lks. wide, bears S. 40° E. and N. 40° W.
14.28	Point for Angle Point No. 10, Tract 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W
	AP 10 TR 37
	1997
	from which
	A spruce, 4 ins. diam., bears N. 22 1/4° E., 50 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 68 1/4° E., 77 lks. dist., mkd. X BT.

Chains	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 88°00' E., on line 10-11, Tract 37.
14.70	Angle Point No. 11, Tract 37, at the intersection of secs. 10 and 11, hereinbefore described.
	Lot 1, Section 9, Township 1 North, Range 29 West Seward Meridian, Alaska
	From the SW cor. of Lot 1, sec. 9, identical with SE cor. of Lot 2, sec. 9, on line bet. Angle Point No. 4 and Angle Point No. 5, Tract 37, hereinbefore described.
	N. $14^{\circ}53$ ' W., bet. Lots 1 and 2, sec. 9.
17.87	The SW cor. of Block 8, Alsworth Subdivision Addition No. 5, at the intersection of line 3-4, Lot 2, U.S. Survey No. 6374, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	S6374
	ROW BLK 8
	$L2 \setminus L1$
	S 9
	1997
	No original accessories of record.
	from which
	A new bearing tree
	A spruce, 12 ins. diam., bears S. 19 3/4° E., 44 lks. dist., mkd. S9 L1 BT.
	The NE cor. of a house, 28 x 32 ft., bears N. 66°30' W., 1.70 chs. dist., long side extends S. 20°00' E.
	Buried the original rebar alongside the stainless steel post.
	From this point the NW cor. of Block 8, Alsworth Subdivision Addition No. 5, bears N. 14°53' W., 12.12 chs. dist., monumented with a rebar, firmly set, projecting 2 ins. above the ground.

Lot 1, Sec. 9, T. 1 N., R. 29 W., Seward Meridian, Alaska

	Seward Meridian, Alaska
Chains	
	N. 75°07' E., on a portion of line 3-4, Lot 2, U.S. Survey No. 6374, identical with the southerly bdy. of Block 8, Alsworth Subdivision Addition No. 5, and the southerly bdys. of Tracts B and C, Alsworth Subdivision Addition No. 6.
6.43	The witness point on line 3-4, Lot 2, U.S. Survey No. 6374, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above the ground, in a mound of stone, 2 ft. base, 10 ins. high, with brass cap mkd. WP S6374 L2 1979, from which the original bearing trees
	A spruce, 7 ins. diam., bears N. 63 1/4° E., 54 lks. dist., with scribe marks WP L2 S6374 BT on open blaze.
	A dead spruce, 6 ins. diam., bears N. 35 1/2° W., 89 1/2 lks. dist., with scribe marks X BT on open blaze.
12.88	The SE cor. of Block 8, Alsworth Subdivision Addition No. 5, identical with the SW cor. of Tract B, Alsworth Subdivision Addition No. 6, and on line 3-4, Lot 2, U.S. Survey No. 6374, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground.
	From this point, the NW cor. of Tract B, Alsworth Subdivision Addition No. 6, identical with the NE cor. of Block 8, Alsworth Subdivision Addition No. 5, bears N. 14°53' W., 12.11 chs. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground.
11.36	The SW cor. of Tract C, Alsworth Subdivision Addition No. 6, identical with the most southeasterly cor. of Tract B, Alsworth Subdivision Addition No. 6, and on line 3-4, Lot 2, U.S. Survey No. 6374, monumented with a rebar, 1/2 in. diam., firmly set, height not noted.
13.73	Found a rebar, on the southern boundary of Tract C, Alsworth Subdivision Addition No. 6, and on line 3-4, Lot 2, U.S. Survey No. 6374, 1/2 in. diam., firmly set, height not noted.
27.27	The SE cor. of Tract C, Alsworth Subdivision Addition No. 6, identical with the SW cor. of the intersection of McCullough and Willow Roads, and on line 3-4, Lot 2, U.S. Survey No. 6374, hereinbefore described.
	S. 14°53' E. on the eastern-most line of Lot 1, sec. 9.
9.09	Point for the eastern-most cor. of Lot 1, sec. 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 N R 29 W S 9
	L 1
	1997

Lot 1, Sec. 9, T. 1 N., R. 29 W., Seward Meridian, Alaska

	Seward Meridian, Alaska	
Chains		
	from which	
	A spruce, 4 ins. diam., bears N. 88 1/4° E., 69 lks. dist., mkd. X BT.	
	A spruce, 5 ins. diam., bears S. 4 1/2° E., 73 lks. dist., mkd. X BT.	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.	
	S. 75°07' W., on a line of Lot 1, sec. 9.	
14.40	Point for a cor. of Lot 1, sec. 9.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.	
	T 1 N R 29 W S 9 L 1	
	1997	
: :	from which	
	A spruce, 4 ins. diam., bears S. 85 3/4° E., 18 lks. dist., mkd. X BT.	
	A spruce, 5 ins. diam., bears N. 1 1/4° W., 33 lks. dist., mkd. S9 L1 BT.	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.	
	From this point, the SE cor. of Block 8, Alsworth Subdivision Addition No. 5, identical with the SW cor. of Tract B, Alsworth Subdivision Addition No. 6, and on line 3-4, Lot 2, U.S. Survey No. 6374, bears N. 14°53' W., 9.09 chs. dist., hereinbefore described.	
	S. 14°53' E., on a line of Lot 1, sec. 9.	
10.94	The SE cor. of Lot 1, sec. 9, on line bet. 5-6, Tract 37, hereinbefore described.	
	Lot 2, Sec. 9, T. 1 N., R. 29 W., Seward Meridian, Alaska	
	From the NW cor. of Lot 1, sec. 9, identical with the NE cor. of Lot 2, sec. 9, and with the SW cor. of Block 8, Alsworth Subdivision Addition No. 5, hereinbefore described.	
	S. 75°07' W., on a portion of line 3-4, Lot 2, U.S. Survey No. 6374, identical with the northerly bdy. of Lot 2, sec 9.	

Lot 2, Sec. 9, T. 1 N., R. 29 W.

	Lot 2, Sec. 9, T. 1 N., R. 29 W., Seward Meridian, Alaska	
Chains 15.64	Angle Point No. 3, Tract 37, and the westernmost cor. of Lot 2, sec. 9, hereinbefore described.	
	From Angle Point No. 1, Tract 38, hereinbefore described.	
	Tract 38, T. 1 N., R. 29 W., Seward Meridian, Alaska	
	N. 54°30' W., on line 1-2, Tract 38, approximately 20 chs. left of the thread of Tanalian River.	
3.85	Point for Angle Point No. 2, Tract 38.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T 1 N R 29 W TR 38 AP 2	
	1997	
	from which	
	A spruce, 4 ins. diam., bears N. 38 1/4° E., 48 lks. dist., mkd. X BT.	
	A spruce, 5 ins. diam., bears S. 81° W., 16 lks. dist., mkd. X BT.	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.	
	N. 70°45' W., on line 2-3, Tract 38.	
16.32	Point for Angle Point No. 3, Tract 38.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.	
	T 1 N R 29 W TR 38 AP 3	
	1997	
	from which	
	A spruce, 6 ins. diam., bears N. 3/4° E., 33 lks. dist., mkd. TR38 AP3 BT.	
	A spruce, 7 ins. diam., bears S. 72 3/4° W., 67 lks. dist., mkd. X BT.	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.	

Chains			
	S. 86°15' W., on line 3-4, Tract 38.		
13.67	Point for Angle Point No. 4, Tract 38.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.		
	T 1 N R 29 W TR 38 AP 4		
	1997		
	from which		
	A spruce, 5 ins. diam., bears N. 16 1/2° E., 89 lks. dist., mkd. TR38 AP4 BT.		
A birch, 4 ins. diam., bears N. 67° E., 144 lks. dist., mkd. X BT.			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.		
N. 69°40' W., on line 4-5, Tract 38.			
11.28 Point for Angle Point No. 5, Tract 38.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.		
	T 1 N R 29 W TR 38 AP 5		
	1997		
	from which		
	A spruce, 5 ins. diam., bears N. 53 1/4° E., 47 lks. dist., mkd. TR38 AP5 BT.		
	A spruce, 5 ins. diam., bears N. 1 1/4° W., 67 lks. dist., mkd. TR38 AP5 BT.		
	Deposit a magnet in a white plastic case at the base of the stainless steel post.		
	S. 72°20' W., on line 5-6, Tract 38.		
10.33	Point for Angle Point No. 6, Tract 38.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.		

Chains				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	T 1 N R 29 W			
	TR 38			
	AP 6			
	1997			
	from which			
	A spruce, 6 ins. diam., bears N. 80 3/4° E., 96 lks. dist., mkd. X BT.			
	A spruce, 5 ins. diam., bears N. 36 3/4° W., 94 lks. dist., mkd. TR38 AP6 BT.			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
	N. 89°40' W., on line 6-7, Tract 38.			
13.53	Point for Angle Point No. 7, Tract 38.			
Set a stainless steel post, 28 ins. long, 2 1/2 ins. dia 25 ins. in the ground, with brass cap mkd.				
	T 1 N R 29 W TR 38 AP 7			
	1997			
	from which			
	A spruce, 5 ins. diam., bears S. 68 1/4° E., 50 lks. dist., mkd. X BT.			
	A birch, 5 ins. diam., bears S. 3 3/4° W., 86 lks. dist., mkd. X BT.			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
	Monument is located on top edge of a bluff, bears S. 40° E. and N. 40° W.			
	S. 73°04' W., on line 7-8, Tract 38.			
16.41	Point for Angle Point No. 8, Tract 38.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.			

	Jeward Meridian, Alaska			
Chains				
	T 1 N R 29 W			
	TR 38			
	AP 8			
	1997			
	from which			
	TIOM WITCH			
	A spruce, 4 ins. diam., bears S. 26 1/4° E., 19 lks. dist., mkd. X BT.			
A spruce, 4 ins. diam., bears S. 57 1/4° W., 91 lks. dist., mkd. X BT.				
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
N. 48°48' W., on line 8-9, Tract 38.				
23.01	Point for Angle Point No. 9, Tract 38.			
Set a stainless steel post, 28 ins. long, 2 1/2 ins. of 27 ins. in the ground, with brass cap mkd.				
	T 1 N R 29 W TR 38			
1				
	AP 9			
	1997			
	from which			
	A birch, 5 ins. diam., bears N. 83° W., 33 lks. dist., mkd. TR38 AP9 BT.			
	A spruce, 6 ins. diam., bears N. 33° W., 57 lks. dist., mkd. TR38 AP9 BT.			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
S. 82°29' W., on line 9-10, Tract 38.				
1.55	Top of ridge, bears S. 55° E. and N. 55° W.			
11.59	Point for Angle Point No. 10, Tract 38.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.			

Chains T 1 N R 29 W TR 38 AP 10 1997 from which A spruce, 5 ins. diam., bears N. 53 $3/4^{\circ}$ E., 52 lks. dist., mkd. X BT. A spruce, 4 ins. diam., bears S. 24° E., 39 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. N. 68°44' W., on line 10-11, Tract 38. 26.16 Point for Angle Point No. 11, Tract 38, on line 3-4, U.S. Survey No. 4882. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 1 N R 29 W TR 38 S4882 AP 11 1997 from which A spruce, 8 ins. diam., bears N. 8° E., 44 lks. dist., mkd. TR38 AP11 BT. A spruce, 5 ins. diam., bears S. 31 $1/4^{\circ}$ E., 12 lks. dist., mkd. X BT. Deposit a magnet in a white plastic case at the base of the stainless steel post. From this point, cor. No. 4, U.S. Survey No. 4882, bears S. 0°48' E., 11.09 chs. dist., hereinbefore described. N. $0^{\circ}48'$ W., on a portion of line 4-3, U.S. Survey No. 4882. 8.91 Cor. No. 3, U.S. Survey No. 4882, on line 3-4, U.S. Survey No. 8765, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. S8765 S4882 C3 1966 1988, from which the original bearing trees A spruce, 8 ins. diam., bears S. 16 $3/4^{\circ}$ E., 52 lks. dist., with healed blaze.

Chains	
:	A spruce, 15 ins. diam., bears S. 87 3/4° W., 34 lks. dist., with healed blaze. (1988 record 41 lks.)
	This cor. is designated as a cor. of Tract 38, no new marks added to the brass cap.
	N. 89°10' E., on a portion of line 3-4, U.S. Survey No. 8765.
8.15	Cor. No. 4, U.S. Survey No. 8765, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. S8765 C4 1988, from which the original bearing trees
	A spruce, 15 ins. diam., bears N. 76 1/4° E., 31 lks. dist., with scribe marks X BT visible on partially healed blazes.
	A spruce, 11 ins. diam., bears N. 69 3/4° W., 24 lks. dist., with scribe marks C4 S8765 BT visible on a partially healed blaze.
	This cor. is designated as a cor. of Tract 38, no new marks added to the brass cap.
	N. 0°02' W., on line 4-5, U.S. Survey No. 8765.
22.02	The witness cor. to cor. No. 5, U.S. Survey No. 8765, a meander cor., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. WC MC C5 S8765 1988, from which the original bearing trees
	A spruce, 6 ins. diam., bears S. 89 1/4° E., 23 lks. dist., with scribe marks X BT visible on partially healed blazes. (Record; S. 87 1/4° E.)
	A spruce, 9 ins. diam., bears N. 30 3/4° W., 21 lks. dist., with scribe marks X BT visible on partially healed blazes. (Record; N. 33 1/2° W.)
	This witness cor. is designated as the witness cor. to the meander cor. of Tract 38, no new marks added to the brass cap.
25.32	True point for cor. No. 5, U.S. Survey No. 8765, a meander cor., identical with the true point for a meander cor. of Tract 38.
	Lot 1 and Lot 2, Sec. 19, T. 1 N., R. 29 W., Seward Meridian, Alaska
	From the SW cor. of Lot 1, sec. 19, on the W bdy. of the Tp., hereinbefore described.
	East, along the S bdy. of Lot 1, sec. 19.

Lot 1 and Lot 2, Sec. 19, T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains	Sewaru Merruran, Araska		
24.00	Point selected for a witness point on the S bdy. of Lot 1, sec. 19.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.		
	WP T 1 N R 29 W S 19 L 1		
	1997		
	from which		
	A spruce, 5 ins. diam., bears N. 82 3/4° E., 166 lks. dist., mkd. X BT.		
	A spruce, 5 ins. diam., bears N. 44 1/4° W., 63 lks. dist., mkd. WP S19 BT.		
	Deposit a magnet in a white plastic case at the base of the stainless steel post.		
49.57	Point for the SE cor. of Lot 1, sec. 19.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.		
	T 1 N R 29 W S 19 L 1		
	1997		
	from which		
	A spruce, 5 ins. diam., bears N. 57 1/2° E., 161 lks. dist., mkd. X BT.		
	A spruce, 5 ins. diam., bears N. 67° W., 106 lks. dist., mkd. S19 L1 BT.		
	Deposit a magnet in a white plastic case at the base of the stainless steel post. North, along the E bdy. of Lot 1, sec. 19.		
8.45	Southerly edge of muskeg, bears N. 80° E. and S. 80° W.		
10.35	Northerly edge of muskeg, bears S. 60° E. and N. 60° W.		
33.97	The NE cor. of Lot 1, at the intersection of the E-W centerline of the NW 1/4 of the NE 1/4 of sec. 19, hereinbefore described.		

Lot 1 and Lot 2, Sec. 19, T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains		
	From the NNW cor. of Lot 1, identical with NE cor. of Lot 2, at the intersection of the E-W centerline of the NW 1/4 of the NW 1/4 of sec. 19, hereinbefore described.	
	South, bet. Lots 1 and 2, sec. 19.	
7.80	Point for the NW cor. of Lot 1, identical with SW cor. of Lot 2, sec. 19.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.	
	T 1 N R 29 W S 19	
	L 2 L 1	
	1997	
	from which	
	A spruce, 4 ins. diam., bears N. 18° E., 45 lks. dist., mkd. X BT.	
	A spruce, 5 ins. diam., bears S. 44 1/2° W., 106 lks. dist., mkd. S19 L1 BT.	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.	
	West, bet. Lots 1 and 2, sec. 19.	
The WNW cor. of Lot 1, identical with the SW cor. of I sec. 19, at the intersection of the W. bdy. of the Tp hereinbefore described		
	Meanders of Lake Clark, T. 1 N., R. 29 W., Seward Meridian, Alaska	
	From the meander cor. of secs. 19 and 24, on the W. bdy. of Tp., identical with the WNW cor. of Lot 2, sec. 19 on the southeasterly shore of Lake Clark, hereinbefore described.	
	Thence northeasterly with the meanders of a well defined rocky shore, along the ordinary high water line.	
	N. 59°16' E., 6.86 chs. At end of course, the special meander cor. on the E-W center-line of the N 1/2 of the NW 1/4 of sec. 19, identical with the NNW cor. of Lot 2, sec. 19, hereinbefore described.	
	N. 59°16' E., 1.65 chs. At end of course, a creek, 4 lks. wide, course N. 55° W.	
I		

Meanders of Lake Clark, T. 1 N., R. 29 W., Seward Meridian, Alaska

	I Deward Her	Idlan, Alaska
Chains		
	N. 39°36' E., 0.83 chs.	At end of course, a creek, 3 lks. wide, course N. 20° W.
	N. 42°34' E., 1.67 chs. N. 38°46' E., 2.18 chs. N. 50°07' E., 2.89 chs. N. 67°38' E., 2.25 chs. N. 50°01' E., 4.09 chs. N. 61°13' E., 6.64 chs. N. 52°18' E., 3.24 chs. N. 59°45' E., 4.60 chs. N. 64°32' E., 2.99 chs. N. 56°26' E., 3.20 chs. N. 48°18' E., 2.65 chs.	At end of course, true point for cor. No. 5, U.S. Survey No. 12170, a meander cor., from which the witness cor. to the meander cor., bears South, 3.60 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set,
		projecting 3 ins. above the ground, with brass cap mkd. WC MC C5 S12170 1997, from which the original bearing trees
		A spruce, 6 ins. diam., bears N. 56 1/2° E., 75 lks. dist., mkd. X BT on open blazes.
		A spruce, 4 ins. diam., bears S. 22° E., 70 lks. dist., mkd. X BT on open blazes.
	From the true point for cor. No No. 6374, a meander cor., from meander cor., bears S. 14°53' Edescribed.	
	Thence easterly with the meande shore, along the ordinary high shore of Hardenburg Bay.	
	S. 82°29' E., 2.72 chs. N. 89°15' E., 2.13 chs. N. 69°36' E., 2.38 chs. N. 84°54' E., 4.77 chs. N. 77°08' E., 3.34 chs. N. 44°29' E., 2.51 chs. N. 13°14' W., 1.42 chs. N. 53°45' W., 1.89 chs. S. 86°59' W., 3.28 chs. S. 87°17' W., 3.63 chs. N. 72°11' W., 0.71 chs. N. 56°28' W., 4.40 chs. N. 28°34' W., 0.85 chs.	
	N. 2°27' W., 1.02 chs. S. 76°25' E., 0.91 chs. S. 50°42' E., 1.58 chs. S. 33°27' E., 2.24 chs. S. 87°55' E., 1.44 chs.	

32

C	h	Lz	1	8

S. 82°54' E., 2.24 chs. N. 65°10' E., 3.00 chs. N. 10°42' E., 3.97 chs. N. 23°55' W., 1.48 chs. N. 50°17' W., 1.25 chs.

At end of course, true point for cor. No. 3, U.S. Survey No. 3418, identical with cor. No. 4, Lot 2, both meander cors., from which the witness cor. to the meander cors., bears N. 55°14' E., 0.43 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. WC S3418 C3 L2 C4 MC 1955, (Record L1 C4) no evidence of the original bearing trees was found.

from which new bearing trees

A spruce, 6 ins. diam., bears N. 65 $1/2^{\circ}$ E., 67 lks. dist., mkd. X BT.

A spruce, 5 ins. diam., bears N. $1/4^{\circ}$ W., 24 lks. dist., mkd. X BT.

Add marks 1997 on brass cap.

From the true point for cor. No. 1, U.S. Survey No. 3418, identical with cor. No. 1, Lot 1, both meander cors., from which the witness cor. to the meander cors., bears S. 34°46' E., 0.68 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. MC WC S3418 C1 1955, from which the original bearing trees

- A dead spruce, 4 ins. diam., bears S. 20° W., 29 lks. dist., mkd. WC S3418 C1 L1 MC BT on open blaze.
- A spruce, 14 ins. diam., bears S. 68° W., 52 lks. dist., with scribe marks WC S3418 C1 L1 MC on partially healed blaze.

Thence easterly with the meanders of a well defined rocky shore, along the ordinary high water line, on the southerly shore of Hardenburg Bay.

S. 81°04' E., 2.08 chs. s. 77°13' E., 5.64 chs. S. 84°59' E., 6.75 chs. N. 76°16' E., 1.25 chs. S. 83°41' E., 2.03 chs. N. 78°33' E., 1.79 chs. N. 86°53' E., 4.54 chs. N. 63°55' E., 2.31 chs.

Meanders of Lake Clark, T. 1 N., R. 29 W.

	Meanders of Lake Clark, T. 1 N., R. 29 W., Seward Meridian, Alaska
Chains	
	N. 79°09' E., 4.17 chs. N. 69°56' E., 3.84 chs. N. 84°08' E., 3.41 chs. N. 67°18' E., 5.75 chs. N. 69°43' E., 4.39 chs. N. 52°49' E., 4.32 chs. N. 49°47' E., 3.74 chs. N. 56°04' E., 4.38 chs. N. 52°20' E., 5.31 chs. N. 63°43' E., 3.15 chs. N. 55°44' E., 1.77 chs. At end of course, the meander cor. of secs. 2 and 3, hereinbefore described.
	Meanders of an Unnamed Island, in secs. 3 and 4, T. 1 N., R. 29 W., Seward Meridian, Alaska
	From the true point for cor. No. 1, U.S. Survey No. 4517, a meander cor., from which the witness cor. to the meander cor., bears S. 54°07' E., 0.70 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. WCMC S4517 C1 1962, from which the remains of the original bearing trees
	An uprooted spruce, 7 ins. diam., bears N. 16° E., 53 lks. dist., mkd. X BT on open blazes.
	A birch stump, 7 ins. diam., bears S. 55° W., 22 lks. dist., no scribe marks were found.
	from which new bearing trees
	A spruce, 5 ins. diam., bears N. 58 1/4° E., 80 lks. dist., mkd. X BT.
	A birch, 5 ins. diam., bears S. 1 1/2° E., 13 lks. dist., mkd. X BT.
	Add marks 1997 on brass cap.
	Thence easterly with the meanders of a well defined rocky shore, along the ordinary high water line, on the northerly shore of the unnamed island.
	N. 34°44' E., 3.17 chs. N. 77°10' E., 2.56 chs. N. 72°47' E., 1.28 chs. N. 87°46' E., 1.68 chs. S. 68°49' E., 4.45 chs. N. 75°28' E., 1.10 chs. S. 85°12' E., 1.30 chs. S. 54°14' E., 0.78 chs. S. 69°29' E., 2.73 chs. S. 77°22' E., 4.47 chs. N. 83°00' E., 3.40 chs. N. 80°44' E., 2.51 chs. S. 85°32' E., 2.63 chs. S. 54°40' E., 2.91 chs.

Meanders of an Unnamed Island, in Secs. 3 and 4, T. 1 N., R. 29 W., Seward Meridian, Alaska

	1. 1 N., K. 23	W., Seward Meridian, Alaska
Chains		
	S. 14°48' E., 3.85 chs S. 30°13' W., 1.23 chs S. 46°20' W., 2.97 chs S. 33°08' W., 1.31 chs N. 61°34' W., 0.76 chs S. 74°09' W., 2.69 chs N. 69°50' W., 1.23 chs N. 78°18' W., 2.79 chs S. 87°29' W., 2.55 chs N. 68°08' W., 2.32 chs N. 43°53' W., 3.72 chs S. 76°00' W., 1.76 chs S. 76°00' W., 1.76 chs S. 84°42' W., 3.19 chs S. 56°48' W., 2.88 chs S. 74°59' W., 0.98 chs S. 60°19' W., 1.10 chs S. 67°54' W., 0.65 chs	• • • • • • • • • • • • • • • • • • •

Meanders of the Right Bank of Tanalian River T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains From the true point for the meander cor. of secs. 10 and 11, identical with the true point for the meander cor. of Tract 37, on the right bank of Tanalian River, from which, the witness cor. to the meander cor., bears N. 0°03' W., 0.75 chs. dist., hereinbefore described. Thence downstream with the meanders of the well defined right bank of Tanalian River, along the ordinary high water line. N. 61°53' W., 0.26 chs. 1.97 chs. N. 82°41' W., S. 84°03' W., 6.43 chs. 4.90 chs. West, s. 87°15' W., 5.65 chs. N. 72°06' W., 2.21 chs. N. 60°04' W., 3.54 chs. N. 52°23' W., 5.57 chs. N. 53°41' W., 6.78 chs. N. 61°25' W., 3.28 chs. N. 70°55' W., 4.77 chs. N. 77°52' W., 3.70 chs. N. 72°21' W., 3.81 chs. N. 66°41' W., 3.77 chs. N. 72°02' W., 2.48 chs. N. 78°18' W., 4.95 chs. N. 88°44' W., 2.47 chs. S. 84°03' W., 7.10 chs. N. 87°55' W., 2.21 chs. N. 76°29' W., 2.25 chs. N. 65°46' W., 3.27 chs. N. 64°56' W., 4.47 chs. N. 73°12' W., 3.68 chs. N. 89°46' W., 2.41 chs. s. 75°17' W., 1.24 chs. S. 65°50' W., 7.88 chs. s. 75°15' W., 2.65 chs. S. 87°21' W., 2.55 chs. N. 85°41' W., 2.43 chs. N. 84°41' W., 4.88 chs. N. 86°53' W., 2.33 chs. S. 82°14' W., 2.11 chs. s. 72°54' W., 2.99 chs. s. 79°36' W., 1.93 chs. N. 87°12' W., 1.95 chs. N. 80°44' W., 3.34 chs. N. 54°33' W., 0.80 chs. N. 37°47' W., 1.84 chs. N. 41°00' W., 1.95 chs. N. 51°09' W., 2.94 chs. N. 41°19' W., 1.99 chs. N. 32°50' W., 3.98 chs. N. 44°39' W., 1.97 chs. N. 61°28' W., 1.78 chs. N. 78°54' W., 2.59 chs. N. 78°28' W., 2.70 chs. N. 84°21' W., 1.79 chs. 5.23 chs. N. 88°21' W., At end of course, intersect line 7-8, Lot 3, U.S. Survey No. 4820, at present day meander line of the Tanalian

River, hereinbefore described.

Meanders of the Left Bank of Tanalian River T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains From the true point for the meander cor. of secs. 10 and 11, identical with the true point for the meander cor. of Tract 38, on the left bank of Tanalian River, from which, the witness cor. to the meander cor., bears S. 0°03' E., 1.60 chs. dist., hereinbefore described. Thence downstream with the meanders along the well defined left bank of Tanalian River, along the ordinary high water line. N. 72°07' W., 1.39 chs. N. 82°27' W., 1.62 chs. S. 85°36' W., 0.85 chs. s. 77°18' W., 2.77 chs. S. 85°40' W., 1.87 chs. N. 85°31' W., 2.93 chs. N. 88°29' W., 3.15 chs. s. 86°09' W., 5.34 chs. N. 82°00' W., 1.01 chs. N. 71°43' W., 2.07 chs. N. 58°12' W., 3.09 chs. N. 51°47' W., 7.96 chs. N. 53°33' W., 6.02 chs. N. 66°05' W., 1.87 chs. N. 76°11' W., 9.67 chs. N. 67°04' W., 2.29 chs. N. 63°17' W., 6.28 chs. N. 79°25' W., 3.08 chs. N. 89°00' W., 3.41 chs. S. 84°22' W., 5.67 chs. S. 87°18' W., 3.06 chs. N. 84°37' W., 1.99 chs. N. 73°44' W., 3.15 chs. N. 66°06' W., 4.63 chs. N. 75°22' W., 2.42 chs. N. 87°35' W., 1.66 chs. s. 79°33' W., 2.63 chs. s. 73°21' W., 5.75 chs. s. 78°41' W., 6.19 chs. S. 86°40' W., 2.08 chs. N. 84°28' W., 3.95 chs. s. 89°36' W., 1.03 chs. s. 79°41' W., 6.72 chs. S. 66°52' W., 2.10 chs. s. 56°22' W., 3.20 chs. s. 75°50' W., 0.97 chs. N. 88°14' W., 0.97 chs. N. 74°59' W., 0.98 chs. N. 60°30' W., 1.95 chs. N. 42°07' W., 1.83 chs. N. 36°48' W., 5.91 chs. N. 54°15' W., 3.39 chs. N. 40°47' W., 1.58 chs. N. 31°54' W., 4.11 chs. N. 45°24' W., 1.52 chs. N. 61°25' W., 1.42 chs. N. 88°30' W., 1.23 chs. s. 78°23' W., 1.46 chs. s. 73°16' W., 3.70 chs. S. 84°49' W., 1.44 chs. N. 83°14' W., 2.33 chs. s. 79°10' W., 1.69 chs.

which the witness cor. to the			eft Bank of Tanalian River , Seward Meridian, Alaska	
N. 85°22' W., 1.61 chs. N. 74°03' W., 2.90 chs. N. 63°10' W., 2.67 chs. N. 38°39' W., 1.36 chs. N. 21°56' W., 1.36 chs. N. 7°13' W., 2.07 chs. N. 3°03' E., 2.87 chs. N. 6°51' W., 1.46 chs. N. 32°46' W., 1.51 chs. N. 46°29' W., 2.48 chs. N. 56°37' W., 2.97 chs. N. 48°37' W., 1.37 chs. N. 45°47' W., 2.51 chs. N. 39°01' W., 1.93 chs. N. 17°29' W., 2.03 chs. N. 17°46' W., 1.06 chs. At end of course, true point for cor. No. 5, U.S. Survey No. 8765, a meander cor., from which the witness cor. to the meander cor., bears South, 3.3 chs. dist., hereinbefore described. General Description General Description This survey is situated at the outskirts of Port Alsworth, Alaska, on the southerly shore of Lake Clark. The land is mostly rolling foot hills, with elevations ranging from 300 to over 650 ft. above sea level. The timber in this area consists of spruce, birch and alder. Transportation of personnel and equipment for the execution of	hains		·	
This survey is situated at the outskirts of Port Alsworth, Alaska, on the southerly shore of Lake Clark. The land is mostly rolling foot hills, with elevations ranging from 300 to over 650 ft. above sea level. The timber in this area consists of spruce, birch and alder. Transportation of personnel and equipment for the execution of	N. 85°2 N. 74°0 N. 63°1 N. 38°3 N. 21°5 N. 7°1 N. 3°0 N. 6°5 N. 46°2 N. 56°3 N. 48°3 N. 45°4 N. 39°0 N. 30°5 N. 17°2	2' W., 1.61 chs. 3' W., 2.90 chs. 0' W., 2.67 chs. 9' W., 1.36 chs. 6' W., 1.36 chs. 3' W., 2.07 chs. 3' E., 2.87 chs. 1' W., 1.46 chs. 6' W., 1.51 chs. 9' W., 2.48 chs. 7' W., 2.97 chs. 7' W., 2.97 chs. 7' W., 2.51 chs. 1' W., 1.93 chs. 1' W., 1.27 chs. 9' W., 2.03 chs.	for cor. No. 5, U.S. Survey No. 8765, a meander cor., from which the witness cor. to the meander cor., bears South, 3.3 chs. dist., hereinbefore	
Alaska, on the southerly shore of Lake Clark. The land is mostly rolling foot hills, with elevations ranging from 300 to over 650 ft. above sea level. The timber in this area consists of spruce, birch and alder. Transportation of personnel and equipment for the execution of		Genera	l Description	
from 300 to over 650 ft. above sea level. The timber in this area consists of spruce, birch and alder. Transportation of personnel and equipment for the execution of	This su Alaska,	rvey is situated at the on the southerly show	ne outskirts of Port Alsworth, re of Lake Clark.	
Transportation of personnel and equipment for the execution of				
	The tim	The timber in this area consists of spruce, birch and alder.		

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Michael O. Harmening Land Surveyor

Matthew J. Kurchinski Surveying Technician

Clinton T. Lancaster Surveying Technician

Anthony J. Robinson Contract Laborer

CERTIFICATE OF SURVEY

I, Eric L. Stoll, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 26th day of June, 1997, I have dependently resurveyed a portion of the west boundary, portions of U.S. Survey Nos. 3418, 4517, 4820, 4882, 6374, 8765 and 9523, surveyed a portion of the subdivisional lines, a portion of the subdivision of section lines, Tracts 37 and 38, 2 irregular shaped lots in section 9, 2 irregular shaped lots in section 19, and a portion of the meanders of Township 1 North, Range 29 West, Seward Meridian, in the State of Alaska, which is represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

FEB. 8, 1999

E-L. Stu

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the survey described in the Certificate of Survey above, executed by Eric L. Stoll, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

tank PP119196

(Deputy State Director for Cadastral Survey, Alaska)

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ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE WEST BOUNDARY

A PORTION OF THE SUBDIVISION OF SECTION LINES

AND

THE SUBDIVISION OF LOT 1, INTO LOTS 4 AND 5, SECTION 19

TOWNSHIP 1 NORTH, RANGE 29 WEST

OF THE SEWARD MERIDIAN

IN THE STATE OF ALASKA

EXECUTED BY

Andrew B. Heikkinen, Cadastral Surveyor

Under Supplemental Special Instructions dated, August 17, 2007 approved September 14, 2007, which provided for the surveys included under Group No. 699, Alaska, and assignment instructions dated May 21, 2009.

Survey commenced: May 25, 2009

Survey completed: May 26, 2009

T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains

The Seward Base Line along the south boundary, and the east and north boundaries of Township 1 North, Range 30 West, Seward Meridian, Alaska were surveyed by Richard P. Troeger, under contract, in 1978.

The dependent resurvey of a portion of the west boundary, portions of U.S. Survey Nos. 3418, 4517, 4820, 4882, 6374, 8765, and 9523, the survey of a portion of the subdivisional lines, a portion of the subdivision of section lines, Tracts 37 and 38, 2 irregular shaped lots in section 9, 2 irregular shaped lots in section 19, and a portion of the meanders of Township 1 North, Range 29 West, Seward Meridian, Alaska, was surveyed by Eric L. Stoll, Cadastral Surveyor, in 1997.

The following field notes describe the dependent resurvey of a portion of the west boundary, a portion of the subdivision of section lines, and the subdivision of Lot 1, into Lots 4 and 5, section 19 Township 1 North, Range 29 East, of the Seward Meridian, in the State of Alaska.

Corners of this survey were positioned using the Global Positioning System (G.P.S.), utilizing static relative and realtime kinematic positioning techniques.

No lines were brushed or marked between corners.

All bearings are true mean bearings.

All distances are horizontal distances reduced to their sea level equivalent.

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Supplemental Special Instructions for Group No. 699, Alaska, dated August 17, 2007.

The azimuth was determined from the aforementioned control network, and refers to the true meridian.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a diligent search was made for all evidence of the original corners and other calls of record. The retracement data were thoroughly verified, and only the true line field notes are given herein.

The geographic position of the northeast cor. of Lot 5, based on the record plat of T. 1 N., R. 29 W., Seward Meridian, approved February 19, 1999, is:

Latitude: 60° 10' 06.45" N. Longitude: 154° 22' 36.41" W. (NAD 27)

T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains

The mean magnetic declination was obtained from the International Geomagnetic Reference Field 10 and was found to be 17 $1/4^{\circ}$ East.

Dependent Resurvey of a portion of the W. Bdy. of T. 1 N., R. 29 W., Seward Meridian, Alaska

(Restoring the 1997 survey by Stoll)

Beginning at the southwest cor. of Lot 1, of sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T1N R30W R29W L1 S24 S19 1997, from which the original bearing trees

- A spruce, dead and down, 6 ins. diam., bears S. 3 3/4° E., 160 lks. dist., with mks. X BT, visible on an unhealed blaze.
- A spruce, 6 ins. diam., bears S. 54 1/2° W., 176 lks. dist., with mks. X BT, visible on an unhealed blaze.

A new bearing tree

A spruce, 4 ins. diam., bears S. 37 1/2° E., 250 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.

Add marks to the brass cap

This cor. now functions as the southwest cor. of Lot 5 of, sec. 19.

N. 0° 01' W., bet. secs. 19 and 24, through scattered spruce, birch, and alder.

- 0.50 Begin descent, edge bears N. 65° E., and S. 84° W., on a moderate slope.
- 9.90 Top of ravine, edge bears S. 67° E., and N. 67° W., begin descent on a moderate to steep slope.

Dependent Resurvey of a portion of the W. Bdy. T. 1 N., R. 29 W., Seward Meridian, Alaska

Chains 12.25	Point for the SW cor. of Lot 4, sec. 19, identical with the point for the WNW cor. of Lot 5, of sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T 1 N R 30 W R 29 W L4 S19 S24 L5
	2009
	from which
	A spruce, 4 ins. diam., bears N. 25 1/2° E., 22 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.
	A spruce, 5 ins. diam., bears S. 46 1/2° E., 51 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
13.20	Bottom of steep slope, 80 ft. deep, over level bottom.
13.40	Center of ravine, 20 ft. wide, drains N. 67° W., begin steep ascent.
16.10	Top of ravine, edge bears S. 67° E., and N. 67° W., over rolling terrain.
26.16	The WNW cor. of Lot 1, identical with the southwest cor. of Lot 2, of sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T1N R30W R29W L2 S24 S19 L1 1997, from which the original bearing trees
	A spruce, 8 ins. diam., bears N. 57 1/2° E., 27 lks. dist., with mks. S19L2 BT, visible on an unhealed blaze.
·	A spruce, 4 ins. diam., bears N. 32 1/2° W., 50 lks. dist., with mks. X BT, visible on an unhealed blaze.
	Add marks to the brass cap

Dependent Resurvey of a portion of the W. Bdy. T. 1 N., R. 29 W., Seward Meridian, Alaska

This cor. now becomes the SW cor. of Lot 2, identical with the WNW cor. of Lot 4, sec. 19.

Dependent Resurvey of a Portion of the subdivision of section lines Sec. 19

From the NE cor. of Lot 1, Sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T1N R29W S19 NN NN L1 1997, from which the original bearing trees

- A spruce, 7 ins. diam., bears S. 54° E., 100 lks. dist., with mks. X BT, visible on an unhealed blaze.
- A spruce, dead but standing, 7 ins. diam., bears S. 32 1/4° W., 121 lks. dist., with mks. S19 L1 BT, visible on an unhealed blaze.

and new bearing tree

A spruce, 7 ins. diam., bears S. 37 3/4° W., 180 1/2 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.

Add marks to the brass cap

This cor. now functions as the northeast cor. of Lot 5, sec. 19.

S. 89° 59′ W., along the E-W centerline of the N 1/2 of the N 1/2 of sec. 19, covered with scattered spruce, birch and alder.

1.70 Begin moderate slope.

Dependent Resurvey of a Portion of the subdivision of section lines Sec. 19

Chains 12.97 Point for the NE cor. of Lot 4, identical with the NNW cor. of Lot 5, sec. 19 Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd. T 1 N R29W S19 NN - NN LOT 4 LOT 5 2009 from which A spruce, 6 ins. diam., bears N. 58° E., 35 1/2 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point. A spruce, 7 ins. diam., bears S. 29 1/4° W., 64 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point. The NNW cor. of Lot 1, identical with the NE cor. of Lot 2, 38.81 sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. T1N R29W S19 NN NN L2 L1 1997, from which the original bearing trees A spruce, 6 ins. diam., bears S. 73 1/2° E., 46 lks. dist., with mks. X BT, visible on an unhealed blaze. A spruce, 5 ins. diam., bears S. 35° W., 35 lks. dist., with mks. S19 L2 BT, visible on an unhealed blaze. Add marks to the brass cap T1N R29W S19 NN — NN L4L22009 1997 This cor. now functions as the NE cor. of Lot 2, identical with the NNW cor. of Lot 4, sec. 19.

Subdivision of Lot 1 into Lots 4 and 5, Sec. 19

Chains	From the SW cor. of Lot 4, identical with the WNW cor. of Lot 5, sec. 19, hereinbefore described.		
	N. 59° 18' E., bet. Lots 4 and 5, sec. 19, descending a moderate slope covered with scattered spruce, birch, and alder.		
1.40	Bottom of ravine, 20 ft. deep, drains N. 67° W., begin moderate ascent.		
3.00	Top of ravine, edge bears S. 39° E., and N. 39° W., over level ground.		
6.40	Begin moderate descent.		
10.20	Bottom of descent, over level ground.		
10.80	Begin gentle ascent.		
14.20	Begin moderate ascent.		
28.30	Top of hill, begin moderate descent, across a N slope.		
42.56	The NE cor. of Lot 4, identical with the NNW cor. of Lot 5, hereinbefore described.		
	Additional Corner Recoveries		
	The meander cor. of secs. 19 and 24, identical with the point for the WNW cor. of Lot 2, sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., loosely set, projecting 18 ins. above the ground, encircled in a collar of stone, 4 ft. base, to top, with brass cap mkd. MC S24 S19 R30W R29W T1N 1997, from which the original bearing trees marked in 1978		
	A spruce stump, 3 ins. diam., 2 1/2 ft. high, bears S. 29° E., 32 lks. dist., with no marks or blaze.		
	A spruce stump, 4 ins. diam., 2 ft. high, bears S. 39° W., 40 lks. dist., with mks. BT, visible on an unhealed blaze.		
	Mound of stone, 4 ft. base, 1 ft. high, 7.6 lks. S of cor.		
	The original aluminum rod, 3/4 ins. diam., loosely set, projecting 60 ins. above the ground, 10 lks. S. of cor., with a orange aluminum triangle marker bolted on top.		
	from which new bearing trees		
	A spruce, 3 ins. diam., bears S. 11 1/2° E., 44 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.		

Additional Corner Recoveries

Chains

A spruce, 6 ins. diam., bears S. 47 1/2° W., 84 1/2 lks. dist., mkd. X BT, with a 40d nail driven at the right side chaining point.

Firm stainless steel post in place, now projects 6 ins. above the ground, encircled in a collar of stone, 4 ft. diam, to the top, with 3 sections of original alum. rod buried along side.

Rebuild mound of stone to 5 ft. diam., 2 ft. high.

Add date 2009 to the brass cap

General Description

This survey is situated on the southern shore of Lake Clark, approximately 3 1/2 miles southwesterly from Port Alsworth, Alaska. The land consists of rolling hills, supporting birch, black spruce, and alder.

The soil type is loam.

Access to the survey was by motor boat.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

FIELD AS	03131AN13
NAMES	CAPACITY
John D. Taivalkoski	Land Surveyor
Gretchen N. Duggar	Land Surveyor(SCEP)
Jeremy J. Kuipers	Surveying Technician
Michael J. Lasanen	Surveying Technician
Tedd T. Pietila	Surveying Technician

69

CERTIFICATE OF SURVEY

I, Andrew B. Heikkinen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Supplemental Special Instructions bearing date of the 17 day of August, 2007, I have dependently resurveyed a portion of the west boundary, a portion of the subdivision of section lines, and subdivided Lot 1, into Lots 4 and 5, section 19 Township 1 North, Range 29 West, Seward Meridian, in the State of Alaska, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Avoust 4, 2010 Anchew B.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Anchorage, Alaska

The foregoing field notes of the dependent resurvey of a portion of the west boundary, a portion of the subdivision of section lines, and subdivision of Lot 1, into Lots 4 and 5, section 19 Township 1 North, Range 29 West, Seward Meridian, Alaska, executed by Andrew B. Heikkinen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

Quart 27, 2010 Stephin B. Hannich

(Chief Cadastral Surveyor for Alaska)

That the foregoing transcript of the field notes of the a described surveys in Township 1 North, Range 29 West, Seward Meridian, - Alaska, is a true copy of

(Chief Cadastral Surveyor for Alaska)