

ORIGINAL



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

THE SURVEY OF

THE EAST AND WEST BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES

OF TOWNSHIP 6 NORTH, RANGE 7 WEST,

Of the

FAIRBANKS

Meridian,

In the State of

ALASKA

EXECUTED BY

Clarence A. Herschbach

Registered Alaska Land Surveyor No. 813 - S, for International Technology Limited

Under special instructions dated November 2, 1984, approved January 18, 1985, which provided for the surveys included under Group Number 431, Notice to Proceed dated May 13, 1985, and Contract Number YA551-CT5-340036 dated April 30, 1985.

Survey commenced: May 20, 1985

Survey completed: July 2, 1985

INDEX DIAGRAM

Township 6 North, Range 7 West, Fairbanks Meridian, Alaska

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T. 6 N., R. 7 W., Fairbanks Mer., Alaska

CHAINS

The following field notes describe the survey of the east and west boundaries and a portion of the subdivisional lines of Township 6 North, Range 7 West, Fairbanks Meridian, Alaska.

The south boundary was surveyed by Frederick W. Ward and Jerome C. Ives, Supervisory Cadastral Surveyors, from 1965 to 1968.

This survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 1973, the Special Instructions dated November 2, 1984, for Group No. 431, Alaska, and Contract No. YA551-CT5-340036 dated April 30, 1985.

The corner positions of this survey were established using helicopter borne Auto-Surveyor methods and ground survey methods, utilizing control stations established by the U.S. Coast and Geodetic Survey and the U.S. Geological Survey. The geographic positions for AGGIE USGS 1953, GLOBE 1953, AMY DOME USGS 1953, are based on the 1976 published data prepared by the National Geodetic Survey. New Bureau of Land Management values were assigned to READY 1953, IDAHO USGS 1953, HAYSTACK MTN 1952, SHAM 1951 and DUNCAN 1951. Azimuth refers to the true meridian.

Monuments were set at computed corner positions based on existing original survey corners and protracted corner positions based on the official Bureau of Land Management protraction diagram F6-10, approved March 17, 1960.

The geographic position of the southeast corner of the township is:

Latitude 65° 17′ 48.87" North, Longitude 148° 52′ 42.11" West.

The magnetic declination was obtained from U.S. Geological Survey quadrangle map, "LIVENGOOD (B-4)," Alaska, 1953 edition, photorevised in 1975, and indicates a mean value of 28° East.

E. Bdy., T. 6 N., R. 7 W., Fairbanks Meridian, Alaska

Beginning at the cor. of Tps. 6 and 7 N., Rs. 6 and 7 W., monumented with alum. rod, 3/4 in. diam., set, mkd. and witnessed as described in the field notes of T. 7 N., R. 7 W., F.M., surveyed concurrently.

S. 0°01' W., bet. secs. 1 and 6.

80,00

Point for the cor. of secs. 1, 6, 7 and 12, not monumented.

E. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alaska

	E. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alaska
CHAINS	S. 0°01′ W., bet. secs. 7 and 12.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.5 ft. in the ground, with alum. cap mkd.
	T 6 N
	R 7 W R 6 W
	<u>S 12 S 7</u> S 13 S 18
	1985
	from which A spruce, 4 ins. diam., bears S. 59 1/2° E., 63 lks. dist., mkd. X BT.
	A spruce, 3 ins. diam., bears S. 37° W., 64 lks. dist., mkd. X BT.
	A spruce, 3 ins. diam., bears N. 86° W., 96 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears N. 12° W., 105 lks. dist., mkd. T6N R7W S12 BT.
	Drive an alum. rod, 6 ft. long, 3/4 in. diam., 4.0 ft. in the ground, 11 lks. E. of cor., with an orange triangular marker on top.
	Cor. is located in a cleared area, 50 ft. diam., and on a gentle northerly slope with small spruce.
	S. 0°01′ W., bet. secs. 13 and 18.
80,00	Point for the cor. of secs. 13, 18, 19 and 24, not monumented.
	S. 0°01′ W., bet. secs. 19 and 24.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Drive an alum. rod, 6 ft. long, 3/4 in. diam., 5.6 ft. in the ground to point of refusal, with alum. cap mkd.
	T 6 N
	R 7 W R 6 W
	<u>S 24 S 19</u> S 25 S 30
	1985

E. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alaska

from which
A spruce, 5 ins. diam., bears N. 52 1/2° E., 85 lks. dist., mkd. T6N R6W S19 BT.
An aspen, 5 ins. diam., bears S. 28 1/4° E., 46 lks. dist., mkd. T6N R6W S30 BT.
An aspen, 4 ins. diam., bears S. 78° W., 63 lks. dist., mkd. T6N R7W S25 BT.
An aspen, 4 ins. diam., bears N. 35 1/4° W., 107 lks. dist., mkd. T6N R7W S24 BT.
An alum. rod, 6 ft. long, 3/4 in. diam., driven 3.8 ft. in the ground, bears N. 74 1/2° E., 11 lks. dist., with an orange triangular marker on top.
Cor. is located in a cleared area, 50 ft. diam., and on a westerly slope with spruce, birch and aspen.
S. 0°01′ W., bet. secs. 25 and 30.
Point for the cor. of secs. 25, 30, 31 and 36, not monumented.
5. 0°01′ W., bet. secs. 31 and 36.
The cor. of Tps. 5 and 6 N., Rs. 6 and 7 W., monumented with an iron post, 2 1/2 ins. diam., loosely set, with brass cap mkd. T5N T6N R6W R7W S1 S6 S31 S36 1966, from which original bearing trees
A spruce, 3 ins. diam., bears N. 59° E., 39 lks. dist., mkd. X BT.
A spruce, 2 ins. diam., bears S. 41° W., 35 lks. dist., mkd. X BT.
A spruce, 5 ins. diam., bears N. 74° W., 37 lks. dist., mkd. T6N R7W S36 BT.
and a new bearing tree
A spruce, 3 ins. diam., bears S. 46 1/2° E., 60 lks. dist., mkd. X BT.
and original accessory
A 55 gal. metal barrel, painted orange, alongside the iron post, located in the center of cleared area, 50 ft. diam.

E. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alaska

	E. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alask
CHAINS	From this point, U.S.Geological Survey control station "IDAHO 1951," bears S. 17°21' W., 49.75 chs. dist., monumented with a pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, with alum. cap mkd. IDAHO 1951 and a triangle.
	W. Bdy., T. 6 N., R. 7 W., Fairbanks Meridian, Alaska.
	From the cor. of Tps. 6 and 7 N., Rs. 7 and 8 W., monumented with an alum. rod, 3/4 in. diam., set, mkd. and witnessed as described in the field notes of T. 7 N., R. 7 W., F.M., surveyed concurrently.
	South, bet. secs. 1 and 6.
80.00	Point for the cor. of secs. 1, 6, 7 and 12, not monumented.
	South, bet. secs. 7 and 12.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.
	Drive an alum. rod, 5.2 ft. long, 3/4 in. diam., 4.9 ft. in the ground to bedrock, with alum. cap mkd.
	T & N
	R 8 W R 7 W
	<u>S 12 S 7</u> S 13 S 18
	1985
	from which
	A spruce, 3 ins. diam., bears N. 56 1/2° E., 118 lks. dist., mkd. X BT.
	A spruce, 2 ins. diam., bears S. 5° E., 74 lks. dist., mkd. X BT.
	A birch, 5 ins. diam., bears S. 74 1/2° W., 98 lks. dist., mkd. T6N R8W S13 BT.
	A birch, 3 ins. diam., bears N. 84 1/2° W., 99 lks. dist., mkd. X BT.
	An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears S. 48° W., 11 lks. dist., with an orange triangular marker on top.
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W. Bdy., T. 6 N., R. 7 W., Fairbanks Mer., Alaska

CHAINS	Cor. is located in a cleared area, 50 ft. diam., and on the northern edge of a ridge, bearing east and west, with small spruce and birch.
80.00	South, bet. secs. 13 and 18. Point for the cor. of secs. 13, 18, 19 and
	24, not monumented.
80.00	South, bet. secs. 19 and 24. Point for the cor. of secs. 19, 24, 25 and 30.
	Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.7 ft. in the ground, with alum. cap mkd.
	T & N
	R 8 W R 7 W
	S 24 S 19 S 25 S 30
	1985
	from which
	A spruce, 3 ins. diam., bears N. 17 3/4° E., 62 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears S. 54 1/2° E., 94 lks. dist., mkd. X BT.
	A spruce, 5 ins. diam., bears S. 75 1/2° W., 89 lks. dist., mkd. T6N R8W S25 BT.
	A spruce, 5 ins. diam., bears N. 51° W., 46 lks. dist., mkd. T6N R8W S24 BT.
	An alum. rod, 6 ft. long, 3/4 in. diam., driven 4.0 ft. in the ground, bears S. 19° W., 11 lks. dist., with an orange triangular marker on top.
	Cor. is located in a cleared area, 50 ft. diam., and on a gentle easterly slope with black spruce.
	South, bet. secs. 25 and 30.
72.23	Elliott Highway.
80.00	Point for the cor. of secs. 25, 30, 31 and 36, not monumented.
	South, bet. secs. 31 and 36.

W. Bdy. T. 6 N., R. 7 W., Fairbanks Mer., Alaska

	W. Bdy. T. 6 N., R. 7 W., Fairbanks Mer., Alaska
CHAINS 80.00	The cor. of Tps. 5 and 6 N., Rs. 7 and 8 W., monumented with an iron post, 2 1/2 ins. diam., loosely set, with brass cap mkd. T5N T6N R7W R8W S1 S6 S31 S36 1965, from which original bearing trees
	A spruce, 3 ins. diam., bears S. 8° E., 50 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears S. 65° W., 59 lks. dist., mkd. T5N R8W S1 BT.
	A spruce, 3 ins. diam., bears N. 38° W., 53 lks. dist., mkd. X BT.
	and original accessory
	A 55 gal. metal barrel, painted orange, alongside the iron post, located in the center of cleared area, 50 ft. diam.
	Portion of the Subdivisional Lines, T. 6 N., R. 7 W., Fairbanks Meridian, Alaska.
	From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., hereinbefore described.
	West, bet. secs. 24 and 25.
79,97	Point for the cor. of secs. 23, 24, 25 and 26, not monumented.
	West, bet. secs. 23 and 26.
79.96	Point for the cor. of secs. 22, 23, 26 and 27.
	Drive an alum. rod, 9 ft. long, 3/4 in. diam., 8.7 ft. in the ground, with alum. cap mkd.
	T 6 N R 7 W
	<u>S 22 S 23</u> S 27 S 26
	1985
	from which
	A spruce, 3 ins. diam., bears N. 15 3/4° E., 37 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears S. 47 1/2° E., 107 lks. dist., mkd. X BT.
	A spruce, 3 ins. diam., bears S. 72 1/4° W., 62 lks. dist., mkd. X BT.
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Fortion of the subdivisional lines
T. 6 N., R. 7 W., Fairbanks Mer., Alaska

CHAINS	
	A spruce, 4 ins. diam., bears N. 34 1/2° W., 70 lks. dist., mkd. T6N R7W S22 BT.
	An alum. rod, 6 ft. long. 3/4 in. diam., driven 4.0 ft. in the ground, bears S. 4 3/4° W., 11 lks. dist., with an orange triangular marker on top.
	Cor. is located in a cleared area, 50 ft. diam in a flat swampy area with small spruce.
	S. 0°02′ E., bet. secs. 26 and 27.
80.00	Point for the cor. of secs. 26, 27, 34 and 35, not monumented.
	S. 0°02′ E., bet. secs. 34 and 35.
80.06	Intersect the S. bdy. of the Tp., at the cor. of secs. 2, 3, 34 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground. with brass cap mkd. T5N T6N R7W S2 S3 S34 S35 1965, from which original bearing trees
	A birch, 4 ins. diam., bears N. 22° E., 37 lks. dist., mkd. X BT.
	A spruce, 4 ins. diam., bears S. 46° E., 45 lks. dist., mkd. X BT.
	A birch, 5 ins. diam., bears S. 44° W., 28 lks. dist., mkd. T5N R7W S3 BT.
	A birch, 6 ins. diam., bears N. 40° W., 55 lks. dist., mkd. T6N R7W 834 BT.
	and original accessory
	A 55 gal. metal barrel, painted orange, alongside the iron post, located in the center of cleared area, 50 ft. diam.
	From the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., monumented with an alum. rod, 3/4 in. diam., set, mkd. and witnessed as described in the field notes of T. 7 N., R. 7 W., F. M., surveyed concurrently.
	S. 0°08' E., bet. secs. 4 and 5.
80.00	Point for the cor. of secs. 4, 5, 8 and 9, not monumented.
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Portion of the subdivisional lines T. 6 N., R. 7 W., Fairbanks Mer., Alaska

	I. 6 N., K. / W., Fairbanks Mer., Alaska
CHAINS	
8000	Point for the cor. of secs. 8, 9, 16 and 17.
	Drive an alum. rod, 3 ft. long, 3/4 in. diam., 2.7 ft. in the ground to point of refusal, with alum. cap mkd.
	T 6 N R 7 W
	S 8 S 9 S 17 S 16
	1985
	from which
	A spruce, 5 ins. diam., bears N. 31 1/2° E., 59 lks. dist., mkd. T6N R7W 59 BT.
	A spruce, 5 ins. diam., bears S. 54° E., 78 lks. dist., mkd. T6N R7W S16 BT.
	A birch, 6 ins. diam., bears S. 72° W., 86 lks. dist., mkd. T6N R7W S17 BT.
	A spruce, 5 ins. diam., bears N. 48 3/4° W., 78 lks. dist., mkd. T6N R7W S8 BT.
	An alum. rod, 6 ft. long, 3/4 in. diam., driven 2.7 ft. in the ground, bears N. 46° E., 11 lks. dist., with an orange triangular marker on top.
	Cor. is located in a cleared area, 50 ft. diam., and on a gentle southeasterly slope with birch and spruce.
	West, bet. secs. 8 and 17.
80.00	Point for the cor. of secs. 7, 8, 17 and 18, not monumented.
	West, bet. secs. 7 and 18.
77.38	Intersect the W. bdy. of the Tp., at the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

T. 6 N., R. 7 W., Fairbanks Mer., Alaska

CHAINS	
	General Description
	Township 6 North, Range 7 West, is located appproximately 15 miles southwesterly from the town of Livengood, Alaska.
	The topography within the township consists of rolling hills and valleys. Elevations range from approximately 550 ft. to 2250 ft. above sea level.
	Drainage is generally to the northeast throughout the township. Brooks Creek flows northeasterly through the eastern portion of the township.
	Vegetation consists of spruce and birch timber, with willow and alder undergrowth.
	The Elliott Highway crosses through the township. Transportation of personnel and equipment for the execution of this survey was accomplished by helicopter.

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U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ALASKA STATE OFFICE ANCHORAGE, AK.

FIELD ASSISTANTS

Party Chief
Inertial Operator
Asst. Project Manager
Survey Assistant
Survey Assistant

CERTIFICATE OF INSPECTION

I, James S. Pritchard, HEREBY CERTIFY upon honor, that the foregoing survey executed under Contract No. YA551-CT5-340036 bearing date of the 30th day of April, 1985, has been field inspected and found to have been executed in strict conformance with the special instructions and 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.

Nov. 5 1987 (Date)

(Contracting Officer's Authorized Representative)

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CERTIFICATE OF SURVEY

I, Clarence A. Herschbach for International Technology
Limited, HEREBY CERTIFY upon honor that, in pursuance of
special instructions bearing date of the 2nd day of
November, 1984, and under Contract No. YA551-CT5-340036
dated the 30th day of April 1985, I have surveyed the east
and west boundaries and a portion of the subdivisional lines
of Township 6 North, Range 7 West, of the Fairbanks
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 Public Lands of the United
States States, and in the specific manner described in the
foregoing field notes.

9/28/87 (Date)

Seal

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 Clarence A. Herschbach, having been critically examined and found correct, are hereby approved.

(Date)

Deputy State Director for Cadastral Survey, Alaska