

U.S. SURVEY NO. 3728, ALASKA

SITUATED
APPROXIMATELY $\frac{1}{2}$ MILE SOUTH
OF THE TOWN OF GAMBELL
ON THE NORTHWEST TIP OF
ST. LAWRENCE ISLAND IN THE BERING SEA
AND
THE ESTABLISHMENT OF
U.S. LOCATION MONUMENT NO. 3728
APPROXIMATE GEOGRAPHIC POSITION
LATITUDE $63^{\circ}46\frac{1}{2}'$ N - LONGITUDE $171^{\circ}44'$ W

AREA: 97.78 ACRES

SURVEYED BY
JAMES E. FRASIER, CADASTRAL SURVEYOR
AUGUST 19, 1959
UNDER SPECIAL INSTRUCTIONS
DATED JULY 30, 1959
AND
APPROVED AUGUST 3, 1959

MEANDERS - M.C. 1 to M.C. 2

S 6° 43' W 6.219 chs
S 9° 14' E 10.991 chs
S 30° 16' E 5.977 chs
S 10° 56' W 8.318 chs
S 9° 02' E 45.364 chs M.C. 2

MEANDERS - M.C. 2 to M.C. 3

N 9° 31' W 75.785 chs M.C. 3

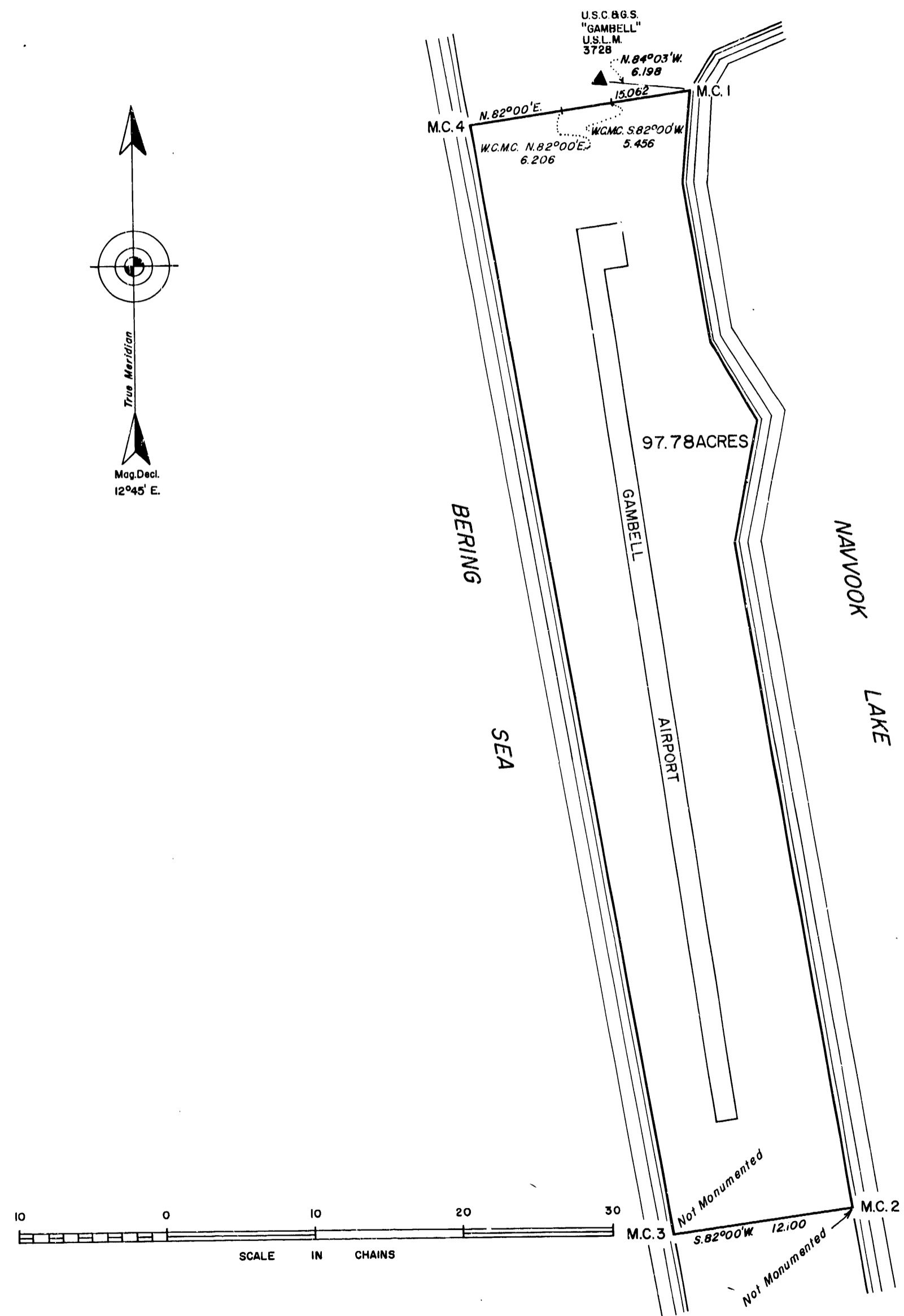
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D.C. February 14, 1962

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



Chief, Division of Engineering



ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF

U. S. SURVEY NO. 3728

SITUATED

APPROXIMATELY 1/2 MILE SOUTH OF THE TOWN OF
GAMBELL ON THE NORTHWEST TIP OF ST. LAWRENCE ISLAND

IN THE BERING SEA

AND

THE ESTABLISHMENT OF U. S. LOCATION MONUMENT NO. 3728

APPROXIMATE GEOGRAPHIC POSITION

LATITUDE 63° 46' NORTH - LONGITUDE 171° 44' WEST

Of the _____ Meridian,

In the State of _____ ALASKA

EXECUTED BY

JAMES E. FRASIER, CADASTRAL SURVEYOR

Under special instructions dated _____ JULY 30 _____, 19 59, which provided
for the surveys included under U. S. SURVEY Group No. 3728, approved AUGUST 3, 1959
and assignment instructions dated _____ AUGUST 7 _____, 19 59

Survey commenced _____ AUGUST 19 _____, 19 59

Survey completed _____ AUGUST 19 _____, 19 59

U. S. SURVEY NO. 372B

Chains

The survey was executed with a W. and L. E. Gurley transit No. 590386 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. Prior to the beginning of the survey the transit was tested and found in proper adjustment.

The measurement was made with a Lufkin steel tape 5 chains in length, graduated every 1/10 link for the first link, every link for the next 99 links, and every 10 links thereafter. The tape was tested by comparison with a Standard and found correct. The measurements were made on the slope to the nearest 1/10 of a link and the vertical angle of each interval was ascertained by a transit or a clinometer in good adjustment. The horizontal equivalents only are entered in this field note record.

The azimuth of all lines was determined by sustained angulation from the forward azimuth from U.S.C. & G.S. Triangulation Station GAMBELL TO SEVUO.

The Magnetic Declination at Cor. No. 1 is 12° 45' East.

Begin at a point for Meander Cor. No. 1, at the mean high water mark on the W. shore of Navvook Lake.

Imp practicable to monument due to liability of destruction by ice and high water.

U. S. Location Monument No. 372B bears N. 84° 03' W., 6.198 chs. dist.

Thence with the meanders of the W. shore of Navvook Lake as follows:

S. 6° 43' W., 6.219 chs.

S. 9° 14' E., 10.991 chs.

S. 30° 16' E., 5.977 chs.

S. 10° 56' W., 8.318 chs.

S. 9° 02' E., 45.364 chs. to a point for Meander Cor. No. 2, impracticable to monument due to liability of destruction by ice and high water.

S. 82° 00' W.

On line 2-3, over medium to coarse gravel, no vegetation.

6.620 Intersect S. projection of the centerline of a steel mat runway, 95x3997 ft., the end of which bears N. 8° 00' W., 7.018 chs. dist.

12.100 Point for Meander Cor. No. 3, at the mean high tide mark of the E. shore of the Bering Sea.

Imp practicable to monument due to liability of destruction by ice and high water.

Instability of soil prohibits establishment of Witness Corners at Meander Cor. No 2 and No. 3.

U. S. SURVEY NO. 3728

Chaina

Thence with the meanders of the mean high tide mark of the E. shore of the Bering Sea as follows:

N. $9^{\circ} 31'$ W., 75.785 chs. to a point for Meander Cor. No. 4,
impracticable to monument due to liability
of destruction by ice and high water.

N. $82^{\circ} 00'$ E.

On line 4-1, across medium to coarse gravel and scattered patches
of sand and gravel mixture covered with short grass.

6.206 Point for Witness Meander Cor. No. 4.

Set iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground
with brass cap mkd.:

W C $\sqrt{C 4}$
M C $\sqrt{S 3728}$

1959

from which

U.S.L.M. No. 3728 bears N. $54^{\circ} 16'$ E.,
3.209 chs. dist.

7.486 Intersect N. projection of the centerline of heretofore described
runway, the North end of which bears S. $8^{\circ} 00'$ E., 8.182 chs. dist.

9.606 Point for Witness Meander Cor. No. 1.

Set iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground
with brass cap mkd.:

$\sqrt{C 1}$ W C
S 3728 M C

1959

from which

U.S.L.M. No. 3728 bears N. $28^{\circ} 32'$ W.,
1.595 chs. dist.

15.062 Meander Cor. No. 1, place of beginning, containing 97.78 acres.

From Meander Cor. No. 1, the shore of Navvook Lake bears:

N. 32° E., 2.90 chs.

N. 68° E., 5.00 chs.

From Meander Cor. No. 2, the shore of Navvook Lake bears:

S. 9° E., a minimum dist. of 10.00 chs.

From Meander Cor. No. 3, the shore of the Bering Sea bears:

S. $9\frac{1}{2}^{\circ}$ E., a minimum dist. of 10 chs.

From Meander Cor. No. 4, the shore of the Bering Sea bears:

N. $9\frac{1}{2}^{\circ}$ W., a minimum dist. of 10 chs.

U. S. SURVEY NO. 3728

Chains

GENERAL DESCRIPTION

The survey is located on a spit of land between Navvook Lake and the Bering Sea, approximately $\frac{1}{2}$ mile South of the Town of Gambell on the Northwest tip of St. Lawrence Island in the Bering Sea. The soil is loose gravel with scattered patches of sand and gravel mixture covered with short grass at the N. end of the survey.

No improvements located on the survey except for the heretofore described runway.

ESTABLISHMENT OF U. S. LOCATION MONUMENT NO. 3728

There being no U. S. Location Monument or a corner of the Public Lands Survey within the prescribed radius of 2 miles, I establish a U.S.L.M. as follows:

From Meander Cor. No. 1.

N. 84° 03' W., 6.198 chs. to U.S.C. & G.S. Triangulation Station Station GAMBELL, designated as U. S. Location Monument No. 3728.

CERTIFICATE OF CADASTRAL SURVEYOR

I, James E. Frasier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 30th day of July, 1959. I have surveyed U. S. Survey No. 3728, situated approximately 1/2 mile South of the Town of Gambell on the Northwest tip of St. Lawrence Island in the Bering Sea and established U. S. Location Monument No. 3728

of the _____ 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 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.

April 12, 1960
(Date)
Fairbanks, Alaska
(Office)

James E. Frasier
James E. Frasier, (Cadastral Surveyor)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., FEB 14 1962, 19

The foregoing field notes of the survey of U. S. Survey No. 3728, situated approximately 1/2 mile South of the Town of Gambell on the Northwest tip of St. Lawrence Island in the Bering Sea and the establishment of U. S. Location Monument No. 3728

executed by James E. Frasier, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Ed Livingston
(Cadastral Engineering Staff Officer)
Chief, Division of Engineering

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above described survey is a true and correct copy of the original field notes.~~

(Date) _____
(Cadastral Engineering Staff Officer)