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Thursday  
February 24, 1983

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**Part III**

**Department of the  
Interior**

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**Fish and Wildlife Service**

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**National Wildlife Refuges in Alaska;  
Description of Boundaries**

## DEPARTMENT OF THE INTERIOR

## Fish and Wildlife Service

National Wildlife Refuges in Alaska;  
Description of Boundaries

**AGENCY:** Fish and Wildlife Service,  
Interior.

**ACTION:** Notice.

**SUMMARY:** This notice sets out the legal descriptions of the external boundaries of national wildlife refuges established in Alaska under sections 302 and 303 of the Alaska National Interest Lands Conservation Act (ANILCA). Also described are the external boundaries of units of the National Wilderness Preservation System established within these refuges under section 702 of the ANILCA. Limited descriptions are included for wild and scenic rivers established on refuges under sections 602 and 603 and rivers designated for study under section 604. Publication of these legal descriptions is required by section 103 of the ANILCA. Generalized location maps are included also.

**DATE:** Pursuant to section 103(b) of ANILCA these boundary descriptions are effective as of December 2, 1980.

**FOR FURTHER INFORMATION CONTACT:**

Regional Director, U.S. Fish and Wildlife Service (Attn: Bill Mattice), 1011 East Tudor Road, Anchorage, Alaska 99507 (Phone: 907-276-3800),

or

Director, U.S. Fish and Wildlife Service (Attn: Christine Enright), 18th and C Streets, NW., Washington, D.C. 20240 (Phone: 202-653-7650).

**SUPPLEMENTARY INFORMATION:** Under section 103(b) of the Alaska National Interest Lands Conservation Act (ANILCA), Pub. L. 96-487 (94 Stat. 2371) the Secretary of the Interior was directed to publish legal descriptions and boundary maps for the land status changes effected by ANILCA, including national wildlife refuges and their wilderness areas. The official legal descriptions for refuges, and wilderness areas therein, are included in this notice. While generalized location maps for these areas also are included in this notice, the 1:250,000 scale maps developed for public use under section 103(b), whose official names and dates are listed below, are incorporated by this notice and are available for inspection at the Department of the Interior Library (Room 1140, 18th and C Streets, NW., Washington, D.C. 20240), U.S. Geological Survey map reference libraries in Alaska, and at the Fish and Wildlife Service Regional Office in Anchorage, Alaska. The maps are also

available for sale from the U.S. Geological Survey. Limited descriptions of wild and scenic rivers and study rivers within refuges are included also, although they are not depicted on the 1:250,000 scale maps at this time.

The ANILCA established 16 national wildlife refuges in Alaska. All previously existing Alaska national wildlife refuges are included in these 16 units and are generally designated as units or subunits of the expanded refuges. The refuges established by ANILCA, with the date of their official maps noted in parentheses, are as follows:

Alaska Maritime National Wildlife Refuge (October 1979) (including the previously existing Aleutian Islands, Bering Sea, Bogoslof, Chamisso, Forrester Island, Hazy Islands, Pribilof, Semidi, Simeonof, St. Lazaria and Tuxedni National Wildlife Refuges)

Alaska Peninsula National Wildlife Refuge (October 1979)

Arctic National Wildlife Refuge (August 1980) (including the previously existing William O. Douglas Arctic National Wildlife Range)

Becharof National Wildlife Refuge (July 1980)

Innoko National Wildlife Refuge (October 1978)

Izembek National Wildlife Refuge (October 1978) (including the previously existing Izembek National Wildlife Range and a portion of the Aleutian Islands National Wildlife Refuge)

Kanuti National Wildlife Refuge (July 1980)

Kenai National Wildlife Refuge (October 1978) (including the previously existing Kenai National Moose Range)

Kodiak National Wildlife Refuge (October 1978) (including the previously existing Kodiak National Wildlife Refuge)

Koyukuk National Wildlife Refuge (July 1980)

Nowitna National Wildlife Refuge (July 1980)

Selawik National Wildlife Refuge (July 1980)

Tetlin National Wildlife Refuge (July 1980)

Togiak National Wildlife Refuge (April 1980) (including the previously existing Cape Newenham National Wildlife Refuge)

Yukon Delta National Wildlife Refuge (April 1980) (including the previously existing Clarence Rhode National Wildlife Range and Hazen Bay and Nunivak National Wildlife Refuges)

Yukon Flats National Wildlife Refuge (July 1980)

## Use of Refuge Lands

The legal descriptions that follow are those of the external boundaries of the above-listed refuges. State, Native corporate, and private land holdings within these boundaries cannot be accurately described at this time and thus have not been identified on the available maps. Inclusion of these non-public lands within the described boundaries should not be interpreted as authorizing public use of such lands. Uses of the public lands within the described boundaries are controlled by the laws and regulations governing administration of units of the National Wildlife Refuge System and provisions of the ANILCA. Persons desiring information on land status or use of lands within the described refuges may contact the Alaska Regional Director of the U.S. Fish and Wildlife Service.

Many of the boundaries described for Alaska refuges follow natural features, such as lakes or rivers. Where such a water body forms a portion of the boundary, general riparian law shall apply to that boundary.

**Note.**—The term "public lands" as used throughout this Notice is defined by ANILCA as those lands, waters, and interests therein, the title to which is in the United States after December 2, 1980, except:

(A) Land selections of the State of Alaska which have been tentatively approved or validly selected under the Alaska Statehood Act and lands which have been confirmed to, validly selected by, or granted to the Territory of Alaska or the State under any other provision of Federal law;

(B) Land selections of a Native Corporation made under the Alaska Native Claims Settlement Act, Pub. L. 92-203 (85 Stat. 688), as amended, which have not been conveyed to a Native Corporation, unless any such selection is determined to be invalid or is relinquished; and

(C) Lands referred to in section 19(b) of the Alaska Native Claims Settlement Act.

Those lands selected by the State or a Native Corporation within the external boundaries of a national wildlife refuge are to be administered by the U.S. Fish and Wildlife Service under applicable refuge laws until conveyed or interimly conveyed. Those validly selected by, but not ultimately conveyed to, the State or a Native Corporation within the external boundaries of a national wildlife refuge become part of that refuge.

Within the coastal boundaries of areas added to the National Wildlife Refuge System, Federal ownership does not extend below mean high tide to include lands owned by the State of Alaska except where the State may agree to that extension. However, lands above mean high tide on islands, islets, rock, reefs or spires and Federal

tidelands within these external boundaries are part of the respective refuges.

Subject to valid existing rights, all public lands within Federal reservations for defense, navigation, communications and other purposes within the external boundaries of any refuge described are part of that refuge. Rights of holding agencies are set forth in section 1310 of ANILCA.

#### Wilderness Units Described

In this notice, legal descriptions of the external boundaries of units of the National Wilderness Preservation System established by ANILCA within national wildlife refuges in Alaska can be found after the boundary description for the refuge in which they are located. The wilderness units established by ANILCA, with the date of their official maps noted in parentheses, are as follows:

Aleutian Islands Wilderness (October 1978)—in Alaska Maritime NWR  
 Andreafsky Wilderness (April 1980)—in Yukon Delta NWR  
 Arctic Wildlife Refuge Wilderness (August 1980)—in Arctic NWR  
 Becharof Wilderness (July 1980)—in Becharof NWR  
 Innoko Wilderness (October 1978)—in Innoko NWR  
 Izembek Wilderness (October 1978)—in Izembek NWR  
 Kenai Wilderness (October 1978)—in Kenai NWR  
 Koyukuk Wilderness (July 1980)—in Koyukuk NWR  
 Nunivak Wilderness (July 1980)—in Yukon Delta NWR  
 Selawik Wilderness (July 1980)—in Selawik NWR  
 Semidi Wilderness (October 1978)—in Alaska Maritime NWR  
 Togiak Wilderness (July 1980)—in Togiak NWR  
 Unimak Wilderness (October 1978)—in Alaska Maritime NWR

Eight additional units of the National Wilderness Preservation System were established in Alaska national wildlife refuges prior to passage of ANILCA. In the interest of consolidating legal descriptions of all Alaska national wildlife refuges and refuge wilderness units in one publication, the descriptions of the following previously established wilderness units are included in this notice. All eight of these units are located in the Alaska Maritime National Wildlife Refuge: Bering Sea Wilderness, Bogoslof Wilderness, Forrester Island Wilderness, Hazy Islands Wilderness, Saint Lazaria Wilderness and Tuxedni

Wilderness, which were established by Pub. L. 93-504; Chamisso Wilderness, which was established by Pub. L. 93-632; and Simeonof Wilderness, which was established by Pub. L. 94-557.

#### Use of Wilderness Units

In addition to the laws and regulations governing the use of refuge lands, described above, the use of wilderness units is governed by provisions of the Wilderness Act (16 U.S.C. 1131 *et seq.*) ANILCA and applicable regulations in Title 50 of the Code of Federal Regulations Part 35.

#### National Wild and Scenic Rivers

ANILCA designated the following national wild rivers in national wildlife refuges in Alaska: Ivishak, Sheenjek (Upper) and Wind Wild Rivers in Arctic NWR; Nowitna Wild River in Nowitna NWR; Selawik Wild River in Selawik NWR; Andreafsky Wild River in Yukon Delta NWR; and a portion of Beaver Creek Wild River in Yukon Flats NWR.

Designated for 3-year study for possible addition to the National Wild and Scenic Rivers System are the following rivers: Kanektok River in Togiak NWR; Kisaralik River in Yukon Delta NWR; and the Porcupine and Sheenjek (Lower) Rivers in Yukon Flats NWR.

The ANILCA descriptions of national wild rivers within national wildlife refuges are included in this notice, but they are not depicted on the 1:250,000 scale maps at this time. These limited descriptions can be found following the description of the refuge in which they occur. The corridors of the designated wild rivers are to be identified and described as part of the comprehensive conservation planning process for each refuge (due in 2 to 6 years). Corridors for rivers designated for study include the public lands within the bed or banks of the river and the area extending 2 miles outward from each bank of the river channel. These corridors are withdrawn for a minimum period of 3 to 6 years pending review of their suitability for inclusion in the Wild and Scenic Rivers System. Beginning and ending points of these study rivers have been included in this notice.

At such time as management corridors are finalized for the designated wild rivers, they will be described on the 1:250,000 scale maps.

In addition to regulations governing use of national wildlife refuges, use of these river areas is governed by the Wild and Scenic Rivers Act (16 U.S.C. 1271-1287), as amended by the ANILCA.

#### Availability of Maps

The maps of the Alaska national wildlife refuges included in this notice are generalized depictions of the lands described. Maps at this scale cannot accurately depict the actual boundaries and should be used only as general location references. Persons desiring more detailed information on refuge and wilderness boundaries are directed to maps, at the scale of 1:250,000, which are available for review at U.S. Geological Survey map reference libraries in Alaska and at the following locations:

Department of the Interior Library,  
 Room 1140, 18th and C Streets, N.W.,  
 Washington, D.C. 20240  
 U.S. Fish and Wildlife Service, 1011 East  
 Tudor Road, Anchorage, Alaska 99507

Additionally, the 1:250,000 scale maps are available for sale by the U.S. Geological Survey at the following locations:

U.S. Geological Survey, Alaska  
 Distribution Section, 101 12th Avenue,  
 Fairbanks, Alaska 99701  
 U.S. Geological Survey, Public Inquiries  
 Office, 503 National Center, Reston,  
 Virginia 22092  
 U.S. Geological Survey, Western  
 Distribution Branch, Box 25286—Mail  
 Stop 306, Federal Center, Denver,  
 Colorado 80226

Official Bureau of Land Management land status records for Alaska are maintained on maps at the scale of 1:63,360. The maps from which the legal descriptions in this notice were written are at the 1:63,360 scale, where available, and reflect greater detail and accuracy than that depicted on the 1:250,000 scale maps prepared for public use. These maps are available for review in the Office of the Regional Director, Anchorage, Alaska. A list of the specific maps used to develop these legal descriptions, follows the description for each refuge.

The large number of maps (approximately 850) necessary to depict the Alaska national wildlife refuges at the 1:63,360 scale precludes their reproduction for public use. However, as the U.S. Geological Survey revises individual maps at this scale, the new boundary lines will be depicted. These revised maps will eventually be available through normal U.S.G.S. sales outlets.

Dated: February 1, 1983.

Robert A. Jantzen,  
 Director, Fish and Wildlife Service.

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ARCTIC NATIONAL WILDLIFE REFUGE

Section 303 (2):

"The Arctic National Wildlife Refuge shall consist of the existing Arctic National Wildlife Range including lands, waters, interests, and whatever submerged lands, if any, were retained in Federal ownership at the time of statehood and an addition of approximately nine million one hundred and sixty thousand acres of public lands, as generally depicted on a map entitled "Arctic National Wildlife Refuge", dated August 1980."

The Arctic National Wildlife Refuge consists of the public lands, as defined by the ANILCA, within the following boundary:

Beginning at a point on the Venetie Indian Reservation boundary as surveyed and platted in U.S. Survey No. 5220, Alaska, dated April 26, 1978, between sections 31 and 36, T. 29 N., Rs. 3 and 4 E., Fairbanks Meridian;

Thence northerly, between Rs. 3 and 4 E., approximately 23 1/2 miles to the closing corner of T. 32 N., Rs. 3 and 4 E., Fairbanks Meridian;

Thence easterly, along the Eighth Standard Parallel North, approximately 1/2 mile to the standard corner of T. 33 N., Rs. 3 and 4 E., Fairbanks Meridian;

Thence northerly, between Rs. 3 and 4 E., approximately 6 miles to the corner of Tps. 33 and 34 N., Rs. 3 and 4 E., Fairbanks Meridian;

Thence westerly, between Tps. 33 and 34 N., approximately 16 miles to the corner of sections 4, 5, 32 and 33, Tps. 33 and 34 N., R. 1 E., Fairbanks Meridian;

Thence northerly, between sections 32 and 33, 28 and 29, 20 and 21, 16 and 17, 8 and 9, 4 and 5, approximately 6 miles to the corner of sections 4, 5, 32 and 33, Tps. 34 and 35 N., R. 1 E., Fairbanks Meridian;

Thence westerly, between Tps. 34 and 35 N., approximately 5 miles to the corner of sections 3, 4, 33 and 34, Tps. 34 and 35 N., R. 1 W., Fairbanks Meridian;

Thence northerly, between sections 33 and 34, 27 and 28, 21 and 22, 15 and 16, 9 and 10, approximately 4 1/2 miles to the summit of a ridge between sections 9 and 10, T. 35 N., R. 1 W., Fairbanks Meridian, approximate elevation 4,085 feet;

Thence on an approximate forward bearing of N. 72° W., approximately 6 miles to the summit of a hill located in section 34, T. 36 N., R. 2 W., Fairbanks Meridian, approximate elevation 4,200 feet;

Thence northwesterly, on the crest of a ridge between the drainages of Your Creek and the Middle Fork Chandalar River, approximately 35 miles to a point on the Continental Divide, in the northeasterly portion of section 4, T. 14 S., R. 16 E., Umiat Meridian;

Thence southwesterly and northwesterly, along the Continental Divide, approximately 27 miles to a point between sections 31 and 36, T. 14 S., Rs. 12 and 13 E., Umiat Meridian;

Thence northerly, between Rs. 12 and 13 E., approximately 12 miles to the closing corner of T. 13 S., Rs. 12 and 13 E., Umiat Meridian;

Thence easterly, on the Third Standard Parallel South, approximately 1 1/4 miles to the standard corner of T. 12 S., Rs. 12 and 13 E., Umiat Meridian;

Thence northerly, between Rs. 12 and 13 E., approximately 6 miles to the corner of Tps. 11 and 12 S., Rs. 12 and 13 E., Umiat Meridian;

Thence westerly, between Tps. 11 and 12 S., approximately 4 miles to the corner of sections 4, 5, 32 and 33, Tps. 11 and 12 S., R. 12 E., Umiat Meridian;

Thence northerly, between sections 32 and 33, 28 and 29, approximately 2 miles to the corner of sections 20, 21, 28 and 29, T. 11 S., R. 12 E., Umiat Meridian;

Thence westerly, between sections 20 and 29, approximately 1 mile to the corner of sections 19, 20, 29 and 30, T. 11 S., R. 12 E., Umiat Meridian;

Thence northerly, between sections 19 and 20, 17 and 18, approximately 1 1/2 miles to the 1/4 section corner of sections 17 and 18, T. 11 S., R. 12 E., Umiat Meridian;

Thence easterly, on the east and west centerline of section 17, approximately 1 mile to the 1/4 section corner of sections 16 and 17, T. 11 S., R. 12 E., Umiat Meridian;

Thence northerly, between sections 16 and 17, approximately 1/2 mile to the corner of sections 8, 9, 16 and 17, T. 11 S., R. 12 E., Umiat Meridian;

Thence easterly, between sections 9 and 16, 10 and 15, 11 and 14, approximately 3 miles to the corner of sections 11, 12, 13 and 14, T. 11 S., R. 12 E., Umiat Meridian;

Thence northerly, between sections 11 and 12, 1 and 2, approximately 2 miles to the corner of sections 1, 2, 35 and 36, Tps. 10 and 11 S., R. 12 E., Umiat Meridian;

Thence easterly, between Tps. 10 and 11 S., approximately 13 miles to the corner of Tps. 10 and 11 S., Rs. 14 and 15 E., Umiat Meridian;

Thence northerly, between Rs. 14 and 15 E., approximately 12 miles to the closing corner of T. 9 S., Rs. 14 and 15 E., Umiat Meridian;

Thence easterly, along the Second Standard Parallel South, approximately 1 1/4 miles to the standard corner of T. 8 S., Rs. 14 and 15 E., Umiat Meridian;

Thence northerly, between Rs. 14 and 15 E., approximately 1 mile to the corner of sections 25, 30, 31 and 36, T. 8 S., Rs. 14 and 15 E., Umiat Meridian;

Thence easterly, between sections 30 and 31, approximately 1 mile to the corner of sections 29, 30, 31 and 32, T. 8 S., R. 15 E., Umiat Meridian;

Thence northerly, between sections 29 and 30, approximately 1 mile to the corner of sections 19, 20, 29 and 30, T. 8 S., R. 15 E., Umiat Meridian;

Thence easterly, between sections 20 and 29, approximately 1 mile to the corner of sections 20, 21, 28 and 29, T. 8 S., R. 15 E., Umiat Meridian;

Thence northerly, between sections 20 and 21, approximately 1 mile to the corner of sections 16, 17, 20 and 21, T. 8 S., R. 15 E., Umiat Meridian;

Thence easterly, between sections 16 and 21, approximately 1 mile to the corner of sections 15, 16, 21 and 22, T. 8 S., R. 15 E., Umiat Meridian;

Thence northerly, between sections 15 and 16, approximately 1 mile to the corner of sections 9, 10, 15 and 16, T. 8 S., R. 15 E., Umiat Meridian;

Thence easterly, between sections 10 and 15, approximately 1 mile to the corner of sections 10, 11, 14 and 15, T. 8 S., R. 15 E., Umiat Meridian;

Thence northerly, between sections 10 and 11, approximately 1 mile to the corner of sections 2, 3, 10 and 11, T. 8 S., R. 15 E., Umiat Meridian;

Thence easterly, between sections 2 and 11, approximately 1 mile to the corner of sections 1, 2, 11 and 12, T. 8 S., R. 15 E., Umiat Meridian;

Thence northerly, between sections 1 and 2, approximately 1 mile to the corner of sections 1, 2, 35 and 36, Tps. 7 and 8 S., R. 15 E., Umiat Meridian;

Thence easterly, between Tps. 7 and 8 S., approximately 1 mile to the corner of Tps. 7 and 8 S., Rs. 15 and 16 E., Umiat Meridian;

Thence northerly, between Rs. 15 and 16 E., approximately 18 miles to the closing corner of T. 5 S., Rs. 15 and 16 E., Umiat Meridian;

Thence easterly, along the First Standard Parallel South, approximately 15 1/2 miles to the standard corner of sections 32 and 33, T. 4 S., R. 18 E., Umiat Meridian;

Thence northerly, between sections 32 and 33, 28 and 29, 20 and 21, 16 and 17, 8 and 9, 4 and 5, approximately 6 miles to the corner of sections 4, 5, 32 and 33, Tps. 3 and 4 S., R. 18 E., Umiat Meridian;

Thence easterly, between Tps. 3 and 4 S., approximately 4 miles to the corner of Tps. 3 and 4 S., Rs. 18 and 19 E., Umiat Meridian;

Thence northerly, between Rs. 18 and 19 E., approximately 6 miles to the corner of Tps. 2 and 3 S., Rs. 18 and 19 E., Umiat Meridian;

Thence easterly, between Tps. 2 and 3 S., approximately 6 miles to the corner of Tps. 2 and 3 S., Rs. 19 and 20 E., Umiat Meridian;

Thence northerly, between Rs. 19 and 20 E., approximately 6 miles to the corner of Tps. 1 and 2 S., Rs. 19 and 20 E., Umiat Meridian;

Thence easterly, between Tps. 1 and 2 S., approximately 6 miles to the corner of Tps. 1 and 2 S., Rs. 20 and 21 E., Umiat Meridian;

Thence northerly, between Rs. 20 and 21 E., approximately 3 miles to the corner of sections 13, 18, 19 and 24, T. 1 S., Rs. 20 and 21 E., Umiat Meridian;

Thence easterly, between sections 18 and 19, 17 and 20, 16 and 21, 15 and 22, 14 and 23, 13 and 24, approximately 6 miles to the corner of sections 13, 18, 19 and 24, T. 1 S., Rs. 21 and 22 E., Umiat Meridian;

Thence southerly, between Rs. 21 and 22 E., approximately 3 miles to the corner of Tps. 1 and 2 S., Rs. 21 and 22 E., Umiat Meridian;

Thence easterly, between Tps. 1 and 2 S., approximately 21 3/4 miles to the meander corner of sections 3 and 34 at the line of mean high water on the west bank of the Canning River, Tps. 1 and 2 S., R. 25 E., Umiat Meridian;

Thence northerly, along the mean high water line of the left bank of the Canning River, approximately 60 miles to the intersection of the extreme left bank with the mean high tide of the Arctic Ocean in section 15, T. 9 N., R. 24 E., Umiat Meridian;

Thence on an approximate forward bearing of N. 56 1/2° E., approximately 3 1/4 miles to the line of extreme low water of the most westerly tip of the most northwesterly island, westerly of Brownlow Point, section 6, T. 9 N., R. 25 E., Umiat Meridian;

Thence easterly, along the line of extreme low water of the Arctic Ocean, including all offshore bars, reefs, and islands, to the intersection of the International Boundary line between Alaska and the Yukon Territory, Canada, in the vicinity of Monument 1 of said International Boundary line;

Thence southerly, along the International Boundary, approximately 115 miles to the closing corner of section 3, T. 17 S., R. 48 E., Umat Meridian and section 26, T. 37 N., R. 29 E., Fairbanks Meridian;

Thence westerly, between the Fairbanks and Umat Meridians, approximately 58 1/2 miles to the left bank of the Sheenjek River located between section 1, T. 17 S., R. 38 E., Umat Meridian and section 30, T. 37 N., R. 20 E., Fairbanks Meridian;

Thence southwesterly, along the left bank of the Sheenjek River, approximately 2 miles to a point opposite the mouth of Monument Creek in section 5, T. 36 N., R. 20 E., Fairbanks Meridian;

Thence westerly, across the Sheenjek River, to the right bank of Monument Creek located in section 5, T. 36 N., R. 20 E., Fairbanks Meridian;

Thence northwesterly along the right bank of Monument Creek, approximately 16 1/2 miles to a point opposite a north fork of Monument Creek in section 9, T. 16 S., R. 36 E., Umat Meridian;

Thence northerly, along the right bank of the north fork of Monument Creek, approximately 12 miles to the intersection of the line between Rs. 35 and 36 E., T. 14 S., Rs. 35 and 36 E., Umat Meridian;

Thence southerly, between Rs. 35 and 36 E., approximately 13 1/2 miles to the closing corner of T. 17 S., Rs. 35 and 36 E., Umat Meridian;

Thence westerly, between the Fairbanks and Umat Meridians, approximately 3/4 mile to the corner of T. 37 N., Rs. 16 and 17 E., Fairbanks Meridian;

Thence southerly, between Rs. 16 and 17 E., approximately 1 1/4 miles to the standard corner of T. 37 N., Rs. 16 and 17 E., Fairbanks Meridian;

Thence westerly, on the Ninth Standard Parallel North, approximately 1 1/2 miles to the closing corner of T. 36 N., Rs. 16 and 17 E., Fairbanks Meridian;

Thence southerly, between Rs. 16 and 17 E., approximately 24 miles to the standard corner of T. 33 N., Rs. 16 and 17 E., Fairbanks Meridian;

Thence easterly, on the Eighth Standard Parallel North, approximately 79 1/4 miles to the closing corner of Tps. 32 and 33 N., R. 30 E., Fairbanks Meridian, on the International Boundary between Canada and the United States of America;

Thence southerly, along the International Boundary, approximately 51 3/4 miles to Monument Number 63, located at the summit of a ridge in section 21, T. 24 N., R. 31 E., Fairbanks Meridian, approximate elevation 3,472 feet;

Thence westerly, southwesterly and northwesterly, along the crest of the divide between the Salmon Trout River, Fort Creek, Tetthajik Creek and Kevinjik Creek drainages, approximately 44 miles to a point on the south boundary of section 35, T. 25 N., R. 27 E., Fairbanks Meridian;

Thence westerly, on the Sixth Standard Parallel North, approximately 6 1/2 miles to the closing corner of T. 24 N., Rs. 26 and 27 E., Fairbanks Meridian;

Thence southerly, between Rs. 26 and 27 E., approximately 2 miles to the corner of sections 7, 12, 13 and 18, T. 24 N., Rs. 26 and 27 E., Fairbanks Meridian;

\*Thence westerly, between sections 12 and 13, 11 and 14, 10 and 15, 9 and 16, 8 and 17, approximately 5 miles to the corner of sections 7, 8, 17 and 18, T. 24 N., R. 26 E., Fairbanks Meridian;

\*Thence southerly, between sections 17 and 18, 19 and 20, 29 and 30, 31 and 32, approximately 4 miles to the corner of sections 5, 6, 31 and 32, Tps. 23 and 24 N., R. 26 E., Fairbanks Meridian;

\*Thence westerly, between Tps. 23 and 24 N., approximately 1 mile to the corner of Tps. 23 and 24 N., Rs. 25 and 26 E., Fairbanks Meridian;

Thence southerly, between Rs. 25 and 26 E., approximately 3 miles to the corner of sections 13, 18, 19 and 24, T. 23 N., Rs. 25 and 26 E., Fairbanks Meridian;

Thence westerly, between sections 13 and 24, 14 and 23, 15 and 22, 16 and 21, approximately 4 miles to the corner of sections 16, 17, 20 and 21, T. 23 N., R. 25 E., Fairbanks Meridian;

Thence southerly, between sections 20 and 21, approximately 1 mile to the corner of sections 20, 21, 28 and 29, T. 23 N., R. 25 E., Fairbanks Meridian;

Thence westerly, between sections 20 and 29, 19 and 30, approximately 2 miles to the corner of sections 19, 24, 25 and 30, T. 23 N., Rs. 24 and 25 E., Fairbanks Meridian;

Thence southerly, between Rs. 24 and 25 E., approximately 1 mile to the corner of sections 25, 30, 31 and 36, T. 23 N., Rs. 24 and 25 E., Fairbanks Meridian;

Thence westerly, between sections 25 and 36, 26 and 35, 27 and 34, 28 and 33, 29 and 32, approximately 5 miles to the corner of sections 29, 30, 31 and 32, T. 23 N., R. 24 E., Fairbanks Meridian;

Thence northerly, between sections 29 and 30, approximately 1 mile to the corner of sections 19, 20, 29 and 30, T. 23 N., R. 24 E., Fairbanks Meridian;

Thence westerly, between sections 19 and 30, 24 and 25, 23 and 26, approximately 3 miles to the corner of sections 22, 23, 26 and 27, T. 23 N., R. 23 E., Fairbanks Meridian;

Thence northerly, between sections 22 and 23, 14 and 15, 10 and 11, 2 and 3, approximately 4 miles to the corner of sections 2, 3, 34 and 35, Tps. 23 and 24 N., R. 23 E., Fairbanks Meridian;

Thence westerly, between Tps. 23 and 24 N., approximately 6 miles to the corner of sections 2, 3, 34 and 35, Tps. 23 and 24 W., R. 22 E., Fairbanks Meridian;

Thence southerly, between sections 2 and 3, 10 and 11, 14 and 15, approximately 3 miles to the corner of sections 14, 15, 22 and 23, T. 23 N., R. 22 E., Fairbanks Meridian;

Thence westerly, between sections 15 and 22, 16 and 21, 17 and 20, 18 and 19, approximately 4 miles to the corner of sections 13, 18, 19 and 24, T. 23 N., Rs. 21 and 22 E., Fairbanks Meridian;

Thence northerly, between Rs. 21 and 22 E., approximately 3 miles to the corner of Tps. 23 and 24 N., Rs. 21 and 22 E., Fairbanks Meridian;

Thence westerly, between Tps. 23 and 24 N., approximately 1 mile to the corner of sections 1, 2, 35 and 36, Tps. 23 and 24 N., R. 21 E., Fairbanks Meridian;

Thence northerly, between sections 35 and 36, 25 and 26, 23 and 24, approximately 3 miles to the corner of sections 13, 14, 23 and 24, T. 24 N., R. 21 E., Fairbanks Meridian;

Thence easterly, between sections 13 and 24, 18 and 19, 17 and 20, approximately 3 miles to the corner of sections 16, 17, 20 and 21, T. 24 N., R. 22 E., Fairbanks Meridian;

Thence northerly, between sections 16 and 17, approximately 1 mile to the corner of sections 8, 9, 16 and 17, T. 24 N., R. 22 E., Fairbanks Meridian;

Thence easterly, between sections 9 and 16, 10 and 15, approximately 2 miles to the corner of sections 10, 11, 14 and 15, T. 24 N., R. 22 E., Fairbanks Meridian;

Thence northerly, between sections 10 and 11, 2 and 3, approximately 2 miles to the closing corner of sections 2 and 3, T. 24 N., R. 22 E., Fairbanks Meridian;

++Thence easterly, along the Sixth Standard Parallel North, approximately 3/4 mile to the standard corner of sections 33 and 34, T. 25 N., R. 22 E., Fairbanks Meridian;

Thence northerly, between sections 33 and 34, 27 and 28, 21 and 22, 15 and 16, 9 and 10, 3 and 4, 33 and 34, 27 and 28, approximately 8 miles to the corner of sections 21, 22, 27 and 28, T. 26 N., R. 22 E., Fairbanks Meridian;

Thence westerly, between sections 21 and 28, approximately 1 mile to the corner of sections 20, 21, 28 and 29, T. 26 N., R. 22 E., Fairbanks Meridian;

Thence northerly, between sections 20 and 21, 16 and 17, 8 and 9, 4 and 5, approximately 4 miles to the corner of sections 4, 5, 32 and 33, Tps. 26 and 27 N., R. 22 E., Fairbanks Meridian;

Thence westerly, between Tps. 26 and 27 N., approximately 2 miles to the corner of Tps. 26 and 27 N., Rs. 21 and 22 E., Fairbanks Meridian;

Thence northerly, between Rs. 21 and 22 E., approximately 6 miles to the corner of Tps. 27 and 28 N., Rs. 21 and 22 E., Fairbanks Meridian;

Thence westerly, between Tps. 27 and 28 N., approximately 6 miles to the corner of Tps. 27 and 28 N., Rs. 20 and 21 E., Fairbanks Meridian;

Thence northerly, between Rs. 20 and 21 E., approximately 6 miles to the closing corner of T. 28 N., Rs. 20 and 21 E., Fairbanks Meridian;

Thence westerly, along the Seventh Standard Parallel North, approximately 4 1/2 miles to the standard corner of T. 29 N., Rs. 19 and 20 E., Fairbanks Meridian;

Thence northerly, between Rs. 19 and 20 E., approximately 12 miles to the corner of Tps. 30 and 31 N., Rs. 19 and 20 E., Fairbanks Meridian;

Thence westerly, between Tps. 30 and 31 N., approximately 27 miles to the corner of sections 3, 4, 33 and 34, Tps. 30 and 31 N., R. 15 E., Fairbanks Meridian;

Thence southerly, between sections 3 and 4, 9 and 10, approximately 2 miles to the corner of sections 9, 10, 15 and 16, T. 30 N., R. 15 E., Fairbanks Meridian;

Thence westerly, between sections 9 and 16, 8 and 17, 7 and 18, 12 and 13, 11 and 14, approximately 5 miles to the corner of sections 10, 11, 14 and 15, T. 30 N., R. 14 E., Fairbanks Meridian;

Thence southerly, between sections 14 and 15, approximately 1 mile to the corner of sections 14, 15, 22 and 23, T. 30 N., R. 14 E., Fairbanks Meridian;

[++Note: The USGS base map for this area (Coleen quad) inaccurately depicts the Range numbers at the bottom of the sheet. Beginning in the lower lefthand corner, the Range numbers should be increased by 1: thus R. 16 E. should be R. 17 E., etc.]

Thence westerly, between sections 15 and 22, approximately 1 mile to the corner of sections 15, 16, 21 and 22, T. 30 N., R. 14 E., Fairbanks Meridian;

Thence southerly, between sections 21 and 22, approximately 1 mile to the corner of sections 21, 22, 27 and 28, T. 30 N., R. 14 E., Fairbanks Meridian;

Thence westerly, between sections 21 and 28, 20 and 29, 19 and 30, approximately 3 miles to the corner of sections 19, 24, 25 and 30, T. 30 N., Rs. 13 and 14 E., Fairbanks Meridian;

Thence northerly, between Rs. 13 and 14 E., approximately 2 miles to the corner of sections 7, 12, 13 and 18, T. 30 N., Rs. 13 and 14 E., Fairbanks Meridian;

Thence westerly, between sections 12 and 13, 11 and 14, approximately 2 miles to the corner of sections 10, 11, 14 and 15, T. 30 N., R. 13 E., Fairbanks Meridian;

Thence northerly, between sections 10 and 11, approximately 1 mile to the corner of sections 2, 3, 10 and 11, T. 30 N., R. 13 E., Fairbanks Meridian;

Thence westerly, between sections 3 and 10, 4 and 9, 5 and 8, 6 and 7, approximately 4 miles to the corner of sections 1, 6, 7 and 12, T. 30 N., Rs. 12 and 13 E., Fairbanks Meridian;

Thence southerly, between Rs. 12 and 13 E., approximately 3 miles to the corner of sections 19, 24, 25 and 30, T. 30 N., Rs. 12 and 13 E., Fairbanks Meridian;

Thence westerly, between sections 24 and 25, 23 and 26, 22 and 27, 21 and 28, approximately 4 miles to the corner of sections 20, 21, 28 and 29, T. 30 N., R. 12 E., Fairbanks Meridian;

Thence southerly, between sections 28 and 29, approximately 1 mile to the corner of sections 28, 29, 32 and 33, T. 30 N., R. 12 E., Fairbanks Meridian;

Thence westerly, between sections 29 and 32, approximately 1 mile to the corner of sections 29, 30, 31 and 32, T. 30 N., R. 12 E., Fairbanks Meridian;

Thence southerly, between sections 31 and 32, approximately 1 mile to the corner of sections 5, 6, 31 and 32, Tps. 29 and 30 N., R. 12 E., Fairbanks Meridian;

Thence westerly, between Tps. 29 and 30 N., approximately 1 1/4 miles to a point on the easterly boundary of the Venetie Indian Reservation between sections 1 and 36, Tps. 29 and 30 N., R. 11 E., Fairbanks Meridian;

Thence northeasterly, northwesterly, easterly, northerly and southwesterly, along the easterly and northwesterly boundary of the Venetie Indian Reservation as surveyed and platted in U.S. Survey No. 5220, Alaska, dated April 26, 1978, approximately 162 miles to a point between sections 31 and 36, T. 29 N., Rs. 3 and 4 E., Fairbanks Meridian, the place of beginning.

UNITS OF THE NATIONAL WILDERNESS PRESERVATION SYSTEM  
WITHIN THE ARCTIC NATIONAL WILDLIFE REFUGE:

Section 702 (3):

"Arctic Wildlife Refuge Wilderness of approximately eight million acres as generally depicted on a map entitled "Arctic National Wildlife Refuge" dated August 1980;"

The Arctic Wildlife Refuge Wilderness consists of the public lands, as defined by the ANILCA, within the following boundary:

Beginning at the intersection of the International Boundary between Alaska and the Yukon Territory, Canada, with the line of extreme low water of the Arctic Ocean in the vicinity of Monument Number 1 of said International Boundary line;

Thence southerly, along the International Boundary, approximately 101 1/2 miles to a point on the right bank of the Bilwaddy Creek located in section 34, T. 14 S., R. 48 E., Umiat Meridian;

Thence westerly, along the right bank of Bilwaddy Creek to the saddle between its headwater and those of an unnamed tributary of Coleen River, approximately 18 miles to a point in southwesterly portion of section 13, T. 14 S., R. 45 E., Umiat Meridian;

Thence southwesterly, across the saddle to a point on the headwaters of a tributary stream of the Coleen River in section 13, T. 14 S., R. 45 E., Umiat Meridian;

Thence westerly, along the left bank of the tributary stream of the Coleen River to its intersection with the Coleen River, approximately 11 miles to a point in section 10, T. 15 S., R. 44 E., Umiat Meridian;

Thence across and northwesterly, along the right bank of the Coleen River to an intersection of an unnamed tributary, approximately 8 miles to a point in section 10, T. 14 S., R. 43 E., Umiat Meridian;

\*Thence westerly, along the right bank of the unnamed tributary of the Coleen River to the crest of the saddle between its headwaters and the headwaters of an unnamed tributary of Eskimo Creek, approximately 11 miles to a point in the southwesterly portion of section 11, T. 14 S., R. 41 E., Umiat Meridian;

\*Thence southwesterly, across the saddle to a point on the headwaters of an unnamed tributary of Eskimo Creek in section 15, T. 14 S., R. 41 E., Umiat Meridian;

Thence westerly, along the left bank of the unnamed tributary of Eskimo to its junction with Eskimo Creek, approximately 8 miles to a point in section 3, T. 15 S., R. 40 E., Umat Meridian;

Thence southwesterly, along the left bank of Eskimo Creek to its junction with the Sheenjek River, approximately 10 miles to a point in section 4, T. 16 S., R. 39 E., Umat Meridian;

Thence southerly, along the left bank of the Sheenjek River, approximately 8½ miles to a point opposite the mouth of Monument Creek, in section 5, T. 36 N. R. 20 E., Fairbanks Meridian;

Thence westerly, across the Sheenjek River to the right bank of Monument Creek located in section 5, T. 36 N., R. 20 E., Fairbanks Meridian;

Thence northwesterly, along the right bank of Monument Creek, approximately 16½ miles to a point opposite a north fork of Monument Creek in section 9, T. 16 S., R. 36 E., Umat Meridian;

Thence northerly, along the right bank of the north fork of Monument Creek, approximately 26 miles to the point where said creek intersects a straight line projected from Brushman Mountain to Index Mountain;

Thence northeasterly, along this straight line approximately 2½ miles to its intersection with the right bank of Old Woman Creek;

Thence northerly, along the right bank of Old Woman Creek, approximately 12½ miles to a point opposite an unnamed tributary in section 12, T. 11 S., R. 33 E., Umat Meridian;

Thence northeasterly and northwesterly, along the right bank of the unnamed tributary of Old Woman Creek, approximately 15 miles to the crest of a mountain at the head of a branch of Old Woman Creek whose elevation is approximately 7,110 feet in the northwesterly portion of T. 9 S., R. 34 E., Umat Meridian;

Thence northwesterly and southwesterly, along the left banks of an unnamed tributary to the Chandalar River and the Chandalar River, approximately 18 miles to a point opposite the right bank of Red Sheep Creek, in the northeasterly portion of T. 9 S., R. 31 E., Umat Meridian;

Thence northwesterly, along the right bank of Red Sheep Creek and the right bank of one of its northern tributaries, approximately 18 miles to its source at the crest of an unnamed mountain whose elevation is approximately 7,900 feet, in the southeasterly portion of T. 6 S., R. 29 E., Umat Meridian;

Thence northwesterly, across the crest of an unnamed mountain whose elevation is approximately 7,900 feet, to the head of an unnamed tributary of the Canning River, in the southerly portion of T. 6 S., R. 29 E., Umat Meridian;

Thence northerly, along the left bank of an unnamed tributary of the Canning River, approximately 10 miles to its junction with the Canning River, in the southeasterly portion of T. 5 S., R. 28 E., Umat Meridian;

Thence westerly and northerly, along the line of mean high water of the left bank of the Canning River, approximately 65 miles to the meander corner of section 35 on the First Standard Parallel North, T. 5 N., R. 23 E., Umat Meridian;

Thence easterly, along the First Standard Parallel North, approximately 40 3/4 miles to the closing corner of T. 4 N., Rs. 30 and 31 E., Umat Meridian;

Thence southerly, between Rs. 30 and 31 E., approximately 6 miles to the corner of Tps. 3 and 4 N., Rs. 30 and 31 E., Umat Meridian;

Thence easterly, between Tps. 3 and 4 N., approximately 18 miles to the corner of Tps. 3 and 4 N., Rs. 33 and 34 E., Umat Meridian;

Thence southerly, between Rs. 33 and 34 E., approximately 6 miles to the corner of Tps. 2 and 3 N., Rs. 33 and 34 E., Umat Meridian;

Thence easterly, between Tps. 2 and 3 N., approximately 21 miles to the meander corner of sections 4 and 33, on the left bank of the Aichilik River, Tps. 2 and 3 N., R. 37 E., Umat Meridian;

Thence northeasterly, along the line of mean high water on the left bank of the Aichilik River, approximately 32 miles to a point at the line of mean high tide of the Beaufort Lagoon, located in section 28, T. 6 N., R. 40 E., Umat Meridian;

Thence on an approximate forward bearing of N. 65° E., approximately 7,600 feet to a point on the northerly boundary of the Arctic National Wildlife Refuge located in section 22, T. 6 N., R. 40 E., Umat Meridian, at the line of extreme low tide;

Thence southeasterly, along the northerly boundary of the Arctic National Wildlife Refuge at the line of extreme low tide on the seaward side of all offshore bars, reefs and islands, approximately 32 miles to the International Boundary between Canada and the United States of America, the place of beginning.

UNITS OF THE NATIONAL WILD AND SCENIC RIVERS SYSTEM  
WITHIN THE ARCTIC NATIONAL WILDLIFE REFUGE:

Section 602:

"Ivishak, Alaska.--That portion from its source, including all headwaters and an unnamed tributary from Porcupine Lake within the

boundary of the Arctic National Wildlife Range [sic]; to be administered by the Secretary of the Interior."

"Sheenjek, Alaska.--The segment within the Arctic National Wildlife Refuge; to be administered by the Secretary of the Interior."

"Wind, Alaska.--That portion from its source, including all headwaters and one unnamed tributary in township 13 south, within the boundaries of the Arctic National Wildlife Refuge; to be administered by the Secretary of the Interior."

NOTE: The boundaries of designated wild river corridors will be determined during the comprehensive conservation planning process for the Arctic National Wildlife Refuge and will be published upon completion of that plan (due by December 1985).

#### Designated Study River:

Section 604 (a): Porcupine, Alaska. The corridor withdrawn during the course of the study and consideration by Congress consists of those public lands which constitute the bed or bank, or are within an area extending two miles from the bank of the river channel on both sides of that portion of the Porcupine River inside the Arctic National Wildlife Refuge from T. 30 N., R. 30 W., to T. 25 N., R. 22 E., Fairbanks Meridian.

\*Department of the Interior 1:250,000 scale map issued in 1981, incorrectly depicts this portion of the description.

The following USGS quadrangle maps were used to prepare the legal description for the Arctic National Wildlife Refuge:

mr - minor revision  
pr - photorevised  
\* - Quad depicts Wilderness boundary

Scale of Map	Name and Date
1:250,000*	Demarcation Point 1955
1:63,360*	Demarcation Point (B-1) 1956; (C-1), (C-3), (C-4), (C-5), (D-2), (D-3) 1955.
1:250,000*	Mt. Michelson 1956.
1:63,360*	Mt. Michelson (B-5) 1971; (C-1), (C-2) 1955; (C-3) 1955 mr 1975; (C-4), (D-1) (D-2), (D-4) 1955.
1:63,360	Barter Island (A-3), (A-4), (A-5) 1955.
1:63,360	Flaxman Island (A-1) 1955 mr 1977; (A-3), (A-4) 1955.
1:250,000*	Arctic 1956 mr 1966.
1:63,360	Arctic (A-1), (A-2), (A-3), (A-4) 1972.
1:63,360	Sagavanirktok (A-1), (A-2) 1971; (A-3) 1971 pr 1975; (B-1) 1971.
1:63,360	Philip Smith Mountains (A-2), (A-3) 1971; (A-4) 1971 pr 1975; (B-3) 1971; (B-4) 1971 pr 1975; (C-3) 1971; (C-4) 1971 pr 1975; (D-3) 1971.
1:250,000	Chandalar 1956 mr 1966.
1:250,000	Christian 1956 mr 1977.
1:63,360	Christian (D-1) 1973; (D-3) 1972.
1:250,000*	Coleen 1956 mr 1965.
1:63,360*	Coleen (A-1) 1956 mr 1973; (A-4), (A-5) 1956 mr 1965; (B-1) 1956 mr 1963; (D-5), (D-6) 1972.
1:63,360	Black River (C-1) 1956; (D-1) 1956 mr 1970; (D-2) 1956; (D-3), (D-4), (D-5) 1956 mr 1973.
1:250,000*	Table Mountain 1956 mr 1972.
1:63,360*	Table Mountain (A-1), (A-2), (A-3), (A-4), (A-5), (B-1) 1972.

PUBLIC LAW 96-487

