

# Proposals 1 – 4: Moose

Proposals 1 – 4 change moose hunt areas and seasons in two adjoining areas of Unit 18:

- Lower Yukon Area,
- Remainder of Unit 18

Proposal 1 and 3 are from the public.

Proposal 2 is from the Lower Yukon AC.

Proposal 4 is a Department proposal.

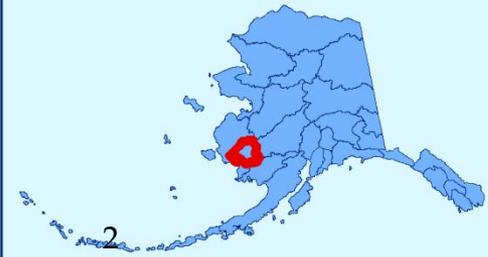
This overview applies to all 4 proposals:

- Current regulations;
- Biological information;
- Current harvest.

# Unit 18 Moose Hunt Area



- ① Kuskokwim drainage
- ② South of Eek drainage
- ③ Goodnews drainage
- ④ Lower Yukon Area
- ⑤ Remainder



Unit 18 - Moose

# Current Hunting Regulations

## Unit 18, Lower Yukon Area, ...

### RESIDENT HUNTERS:

2 moose of which only

Aug. 1 – Sept. 30

1 may be an antlered bull;

a person may not take a calf or a  
cow accompanied by a calf; or

2 antlerless moose

Oct. 1 – Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 – Sept. 30

## Remainder of Unit 18

### RESIDENT HUNTERS:

1 antlered bull; or

1 moose

Aug. 10 – Sept. 30

Dec. 20 – Last Day of Feb.

### NONRESIDENT HUNTERS:

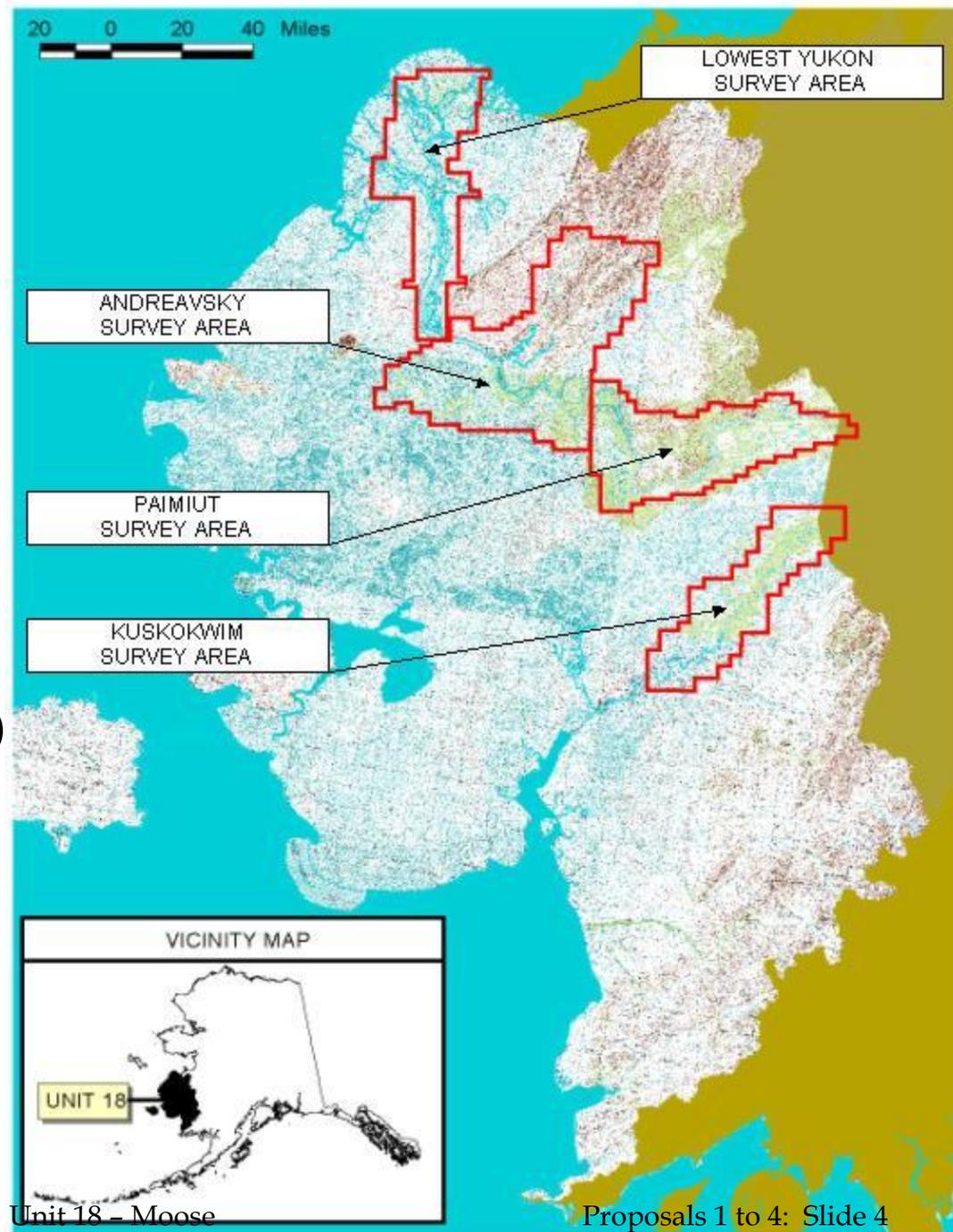
1 antlered bull

Sept. 1 – Sept. 30

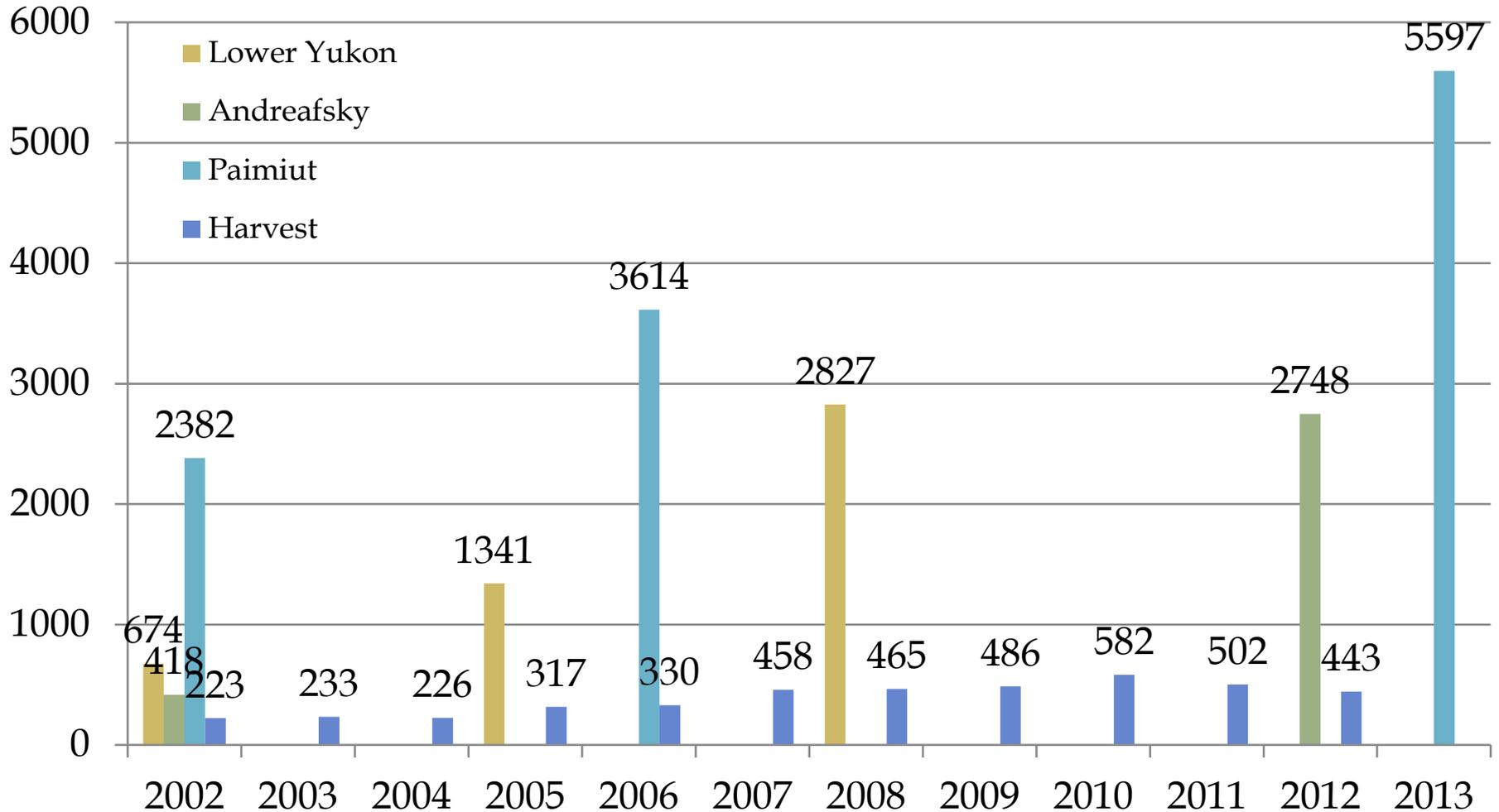
# Moose Populations

## Yukon River Drainage (3 areas)

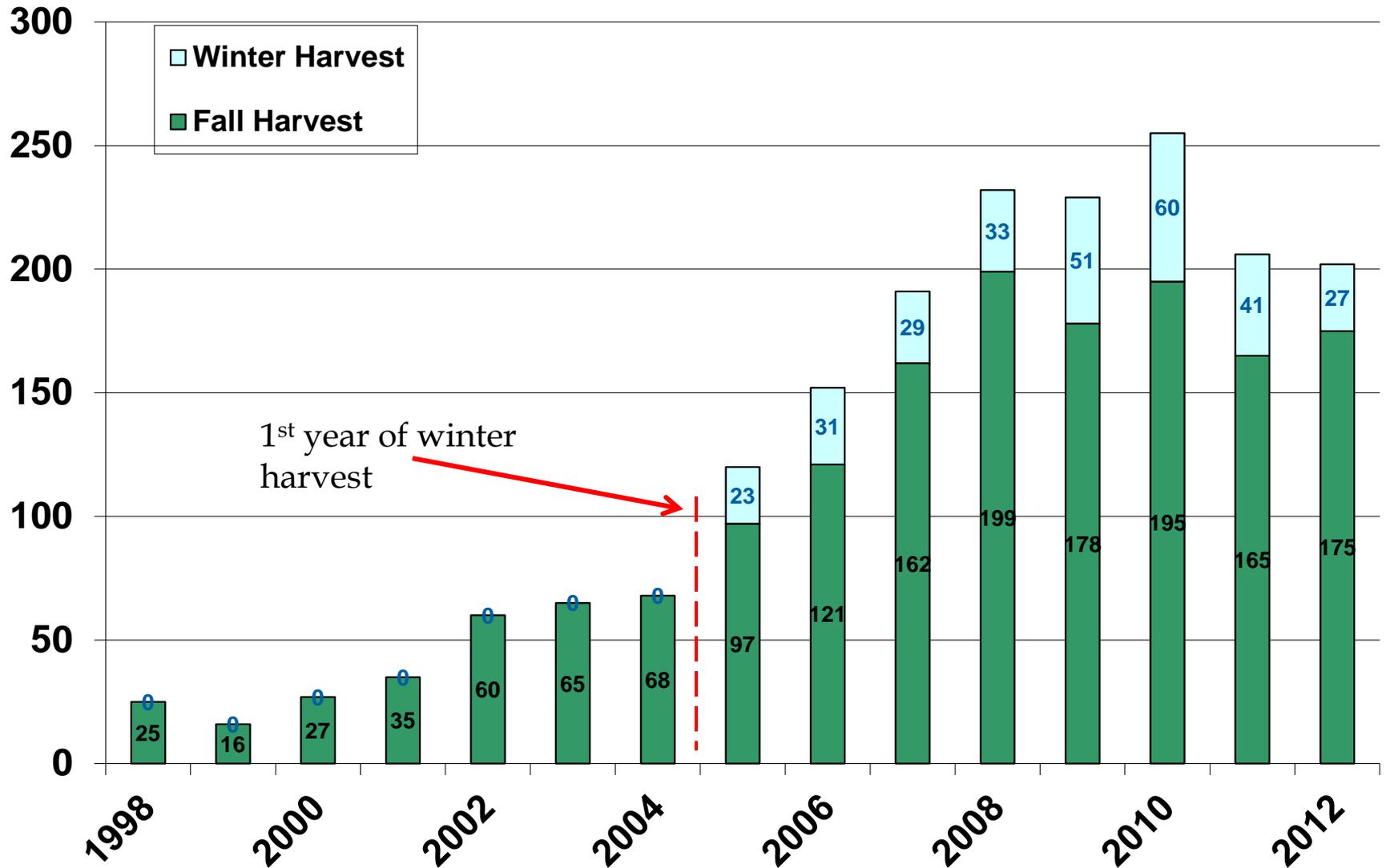
- Lowest Yukon Survey Area  
3,320 ± 13% (2008 GSPE)  
48:100 calf:cow ratio (2013)  
50% twinning rate (May 2013)
- Andreafsky Survey Area  
2,748 ± 16% (2012 GSPE)  
36:100 calf:adult ratio  
50% twinning rate (May 2012)
- Paimiut Survey Area  
5,597 ± 15% (2013 GSPE)  
36:100 calf:adult ratio  
50% twinning rate (May 2012)



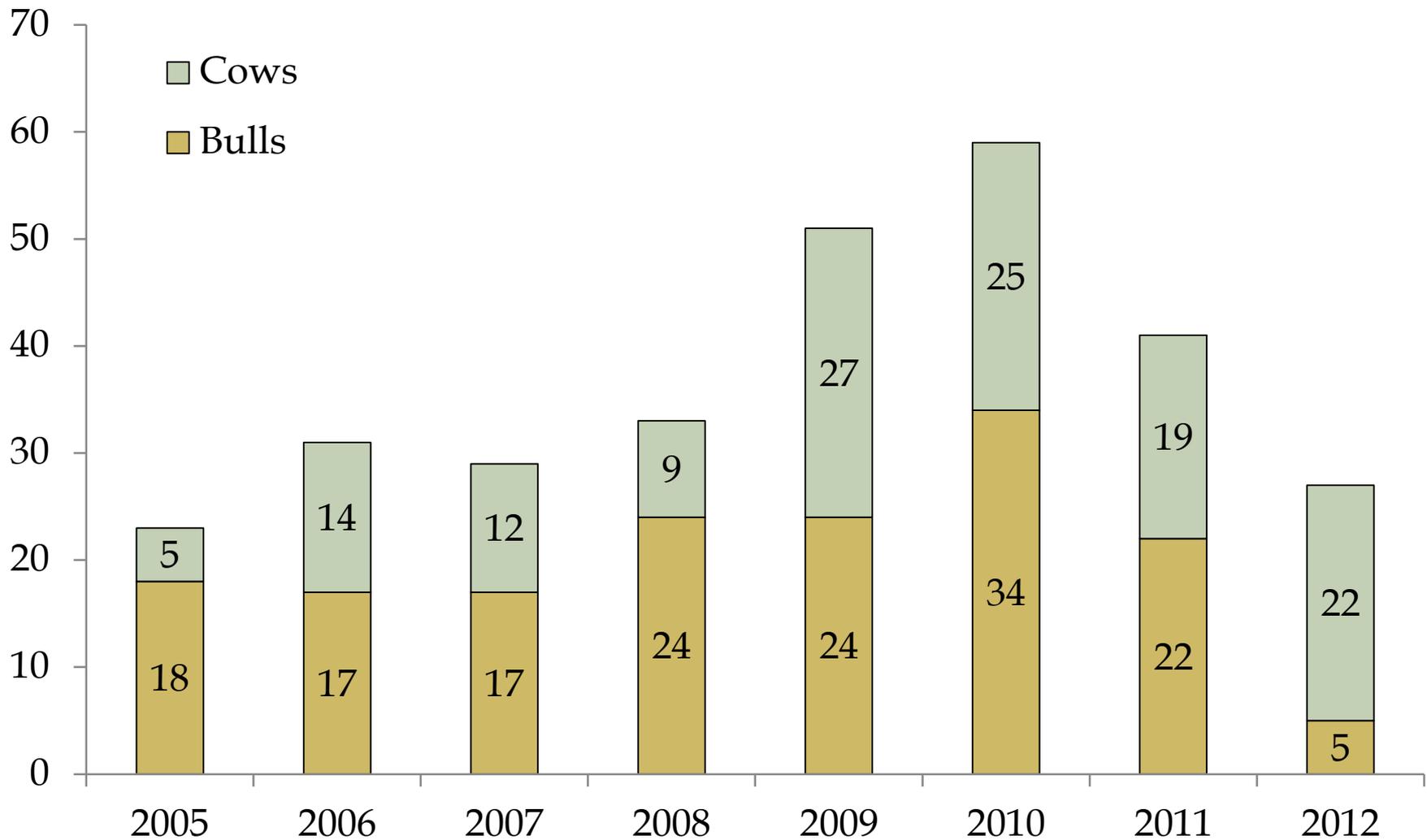
# Population Estimates and Harvest



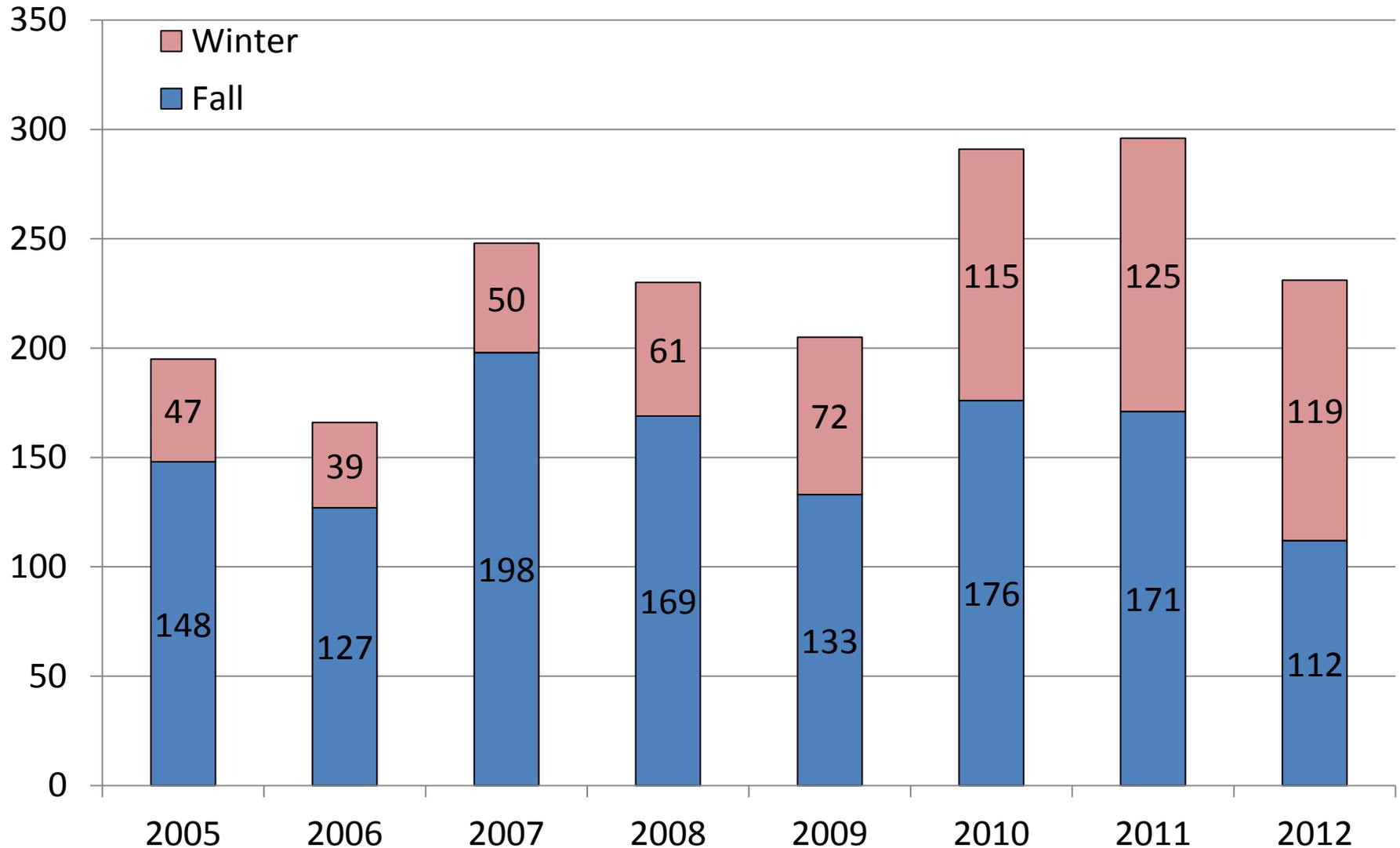
# Moose Harvest – Lower Yukon Area



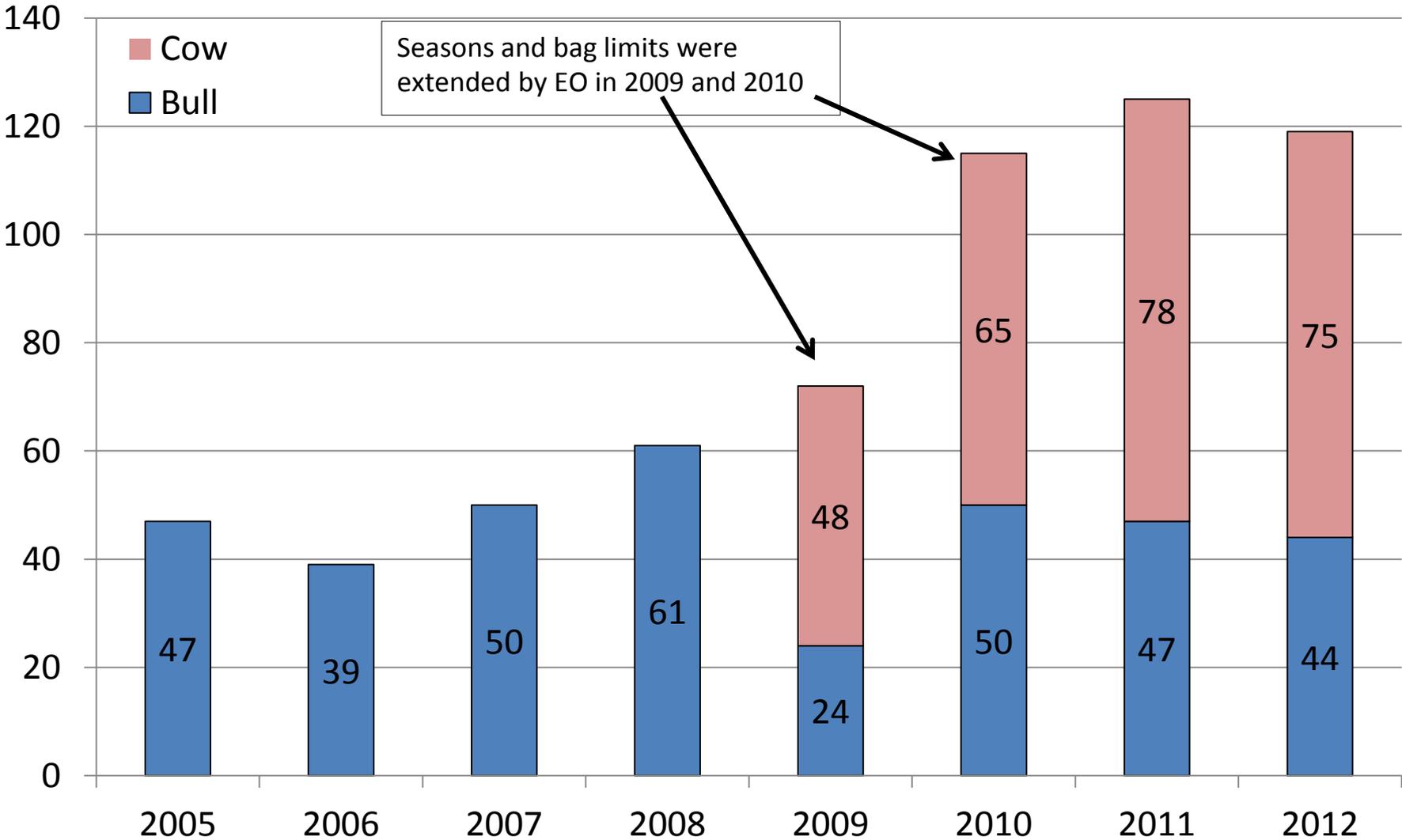
# Winter Harvest – Lower Yukon Area



# Moose Harvest – Unit 18 Remainder



# Winter Harvest – Unit 18 Remainder



# Summary

Boundary changes: Proposals 1 and 2 offer different versions of the Lower Yukon Area boundary.

Seasons and bag limits: Proposals 2, 3, and 4 make changes to seasons and bag limits in the Lower Yukon Area and the Remainder of Unit 18.

The Department's preferred option for seasons and bag limits in these hunt areas is Proposal 4.

Separate presentations follow for each proposal.

**- End -**

**Moose Overview  
for  
Proposals 1 to 4**

# Proposal 1: Moose

This proposal modifies the Lower Yukon Area for moose hunting in Unit 18. The changes are:

- New boundary along the Kashunuk River, Driftwood Slough and Pitkas Point;
- Increased size of the Lower Yukon Area, about 150 mi<sup>2</sup>
- Bag limit of two moose with antlered bull restriction.

This is a public proposal.

Department Recommendation: **Neutral**

Advisory Committee Recommendations:

Central Bering Sea AC.....	<b><u>Support</u></b>
Lower Yukon AC:.....	<b><u>Support</u></b>
Lower Kuskokwim AC.....	<b><u>Support</u></b>

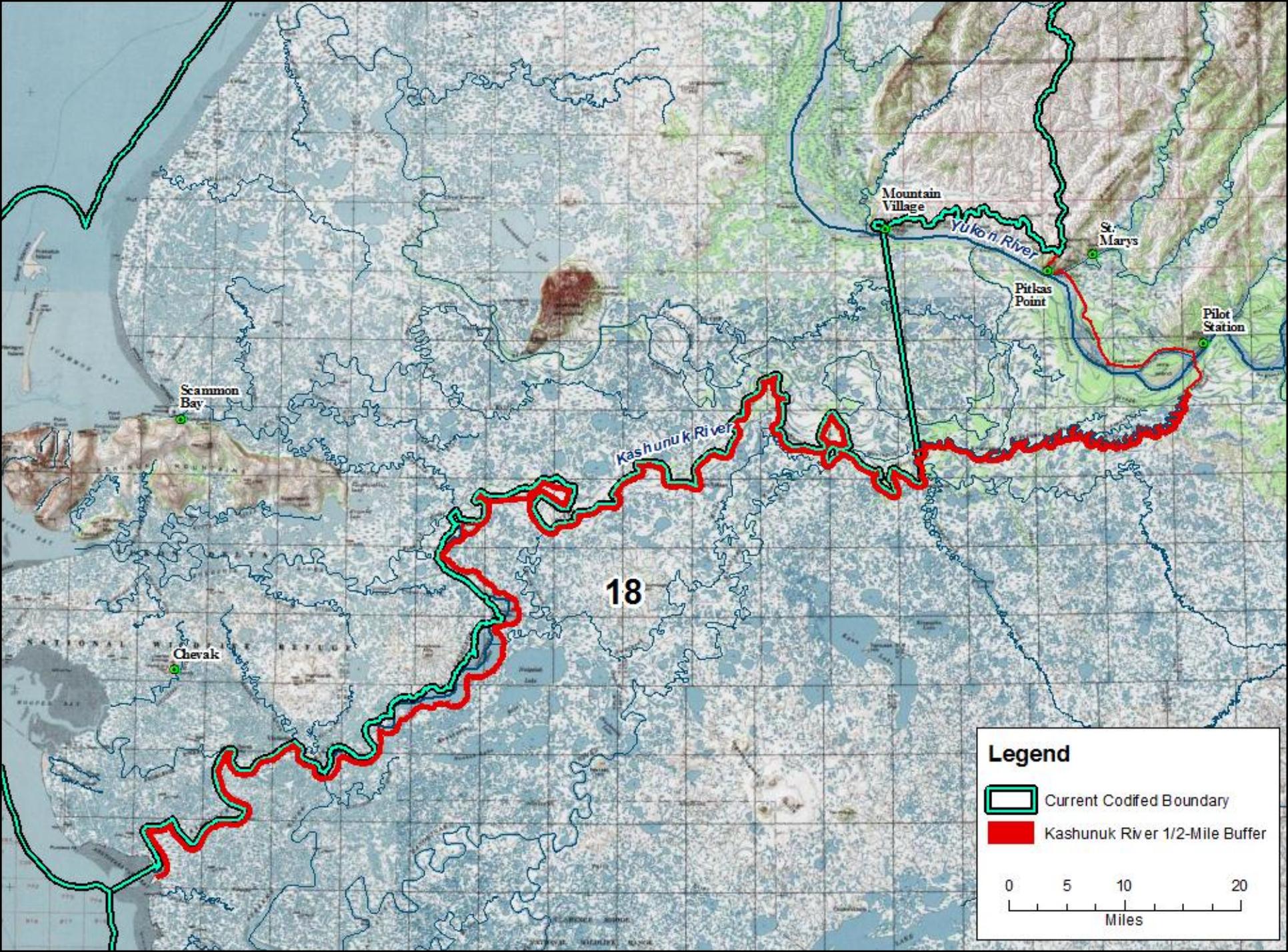
# Current Boundary - Lower Yukon Area

Unit 18, Lower Yukon Area, that portion north and west of the Kashunuk River including the north bank from the mouth of the river upstream to the old village of Chakaktolik, west of a line from Chakaktolik to Mountain Village, and excluding all Yukon River drainages upriver from Mountain Village

*Remainder of Unit 18 is the adjoining hunt area with a common boundary in the proposal area.*

# Proposed Boundary

Unit 18 – that portion north and west of the Kashunak River continuing upriver along 1/2 mile south and east and paralleling a line along the southerly bank of the Kashunak River to the confluence of the south bank of Driftwood Slough, continuing upriver to the confluence of the Yukon River, across, ending the 1/2 mile buffer, then following the North Bank of the Yukon River to Pitka's Point and excluding all Yukon River drainages upriver from Pitka's Point



Scammon Bay

Chevak

18

Kashunuk River

Mountain Village

Pitkas Point

St. Marys

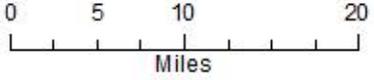
Pilot Station

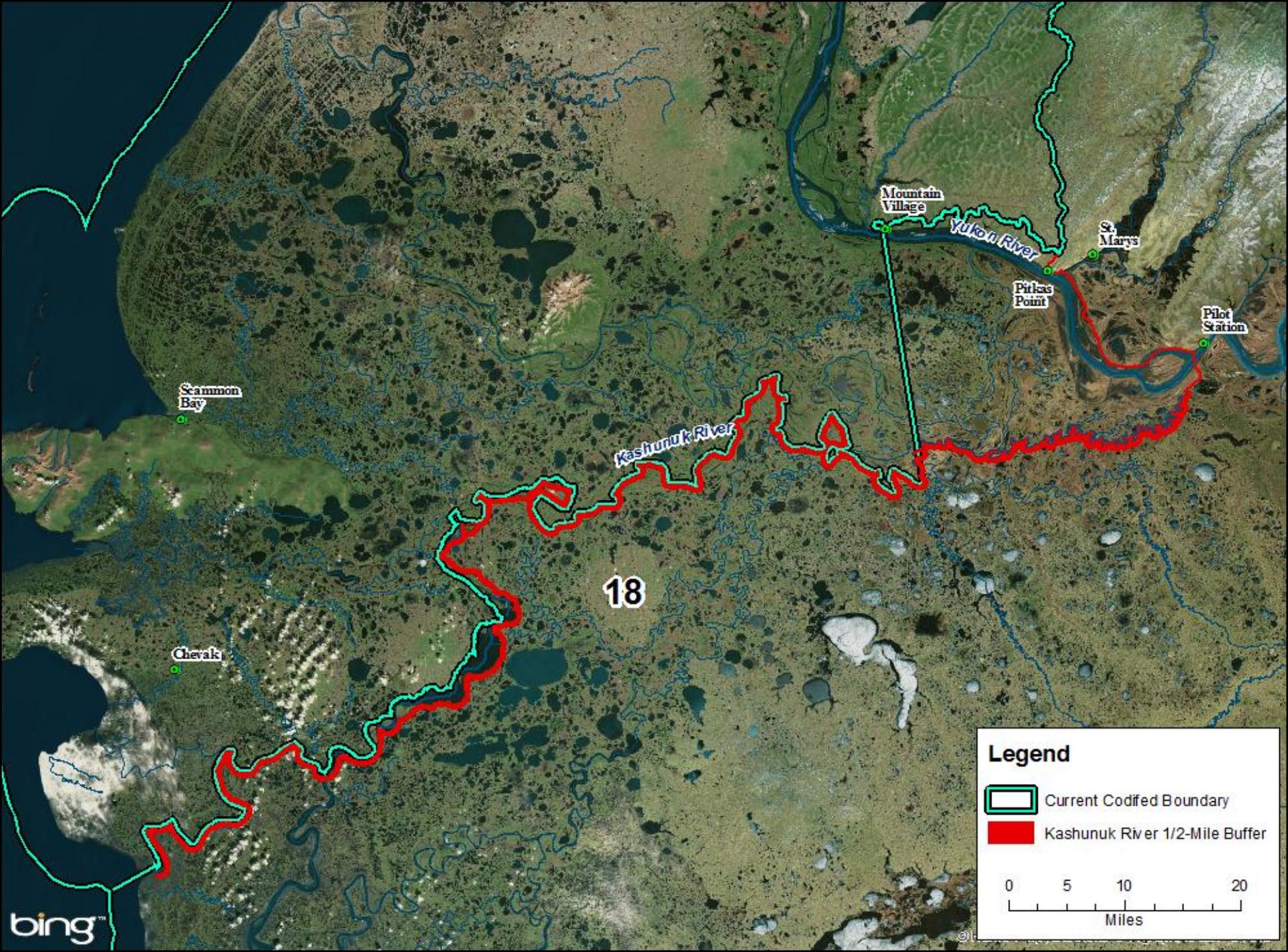
Yukon River

**Legend**

 Current Codified Boundary

 Kashunuk River 1/2-Mile Buffer





Mountain Village

Yukon River

St. Marys

Pitkas Point

Pilot Station

Scammon Bay

Kashunuk River

18

Chevak

**Legend**

-  Current Codified Boundary
-  Kashunuk River 1/2-Mile Buffer

0 5 10 20  
Miles

# Unit 18 - Moose Regulations

## **Unit 18, Lower Yukon Area, ...**

### RESIDENT HUNTERS:

2 moose of which only

1 may be an antlered bull;

a person may not take a calf or a  
cow accompanied by a calf; or

2 antlerless moose

Aug. 1 - Sept. 30

Oct. 1 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

## **Remainder of Unit 18**

### RESIDENT HUNTERS:

1 antlered bull; or

1 moose

Aug. 10 - Sept. 30

Dec. 20 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

# Lower Yukon Area - Proposed Regulation

## Proposed Regulation:

2 moose, only one of which may be antlered. Antlered bulls may only be harvested from Aug. 1 - Sept. 30

*<season dates not specified>*

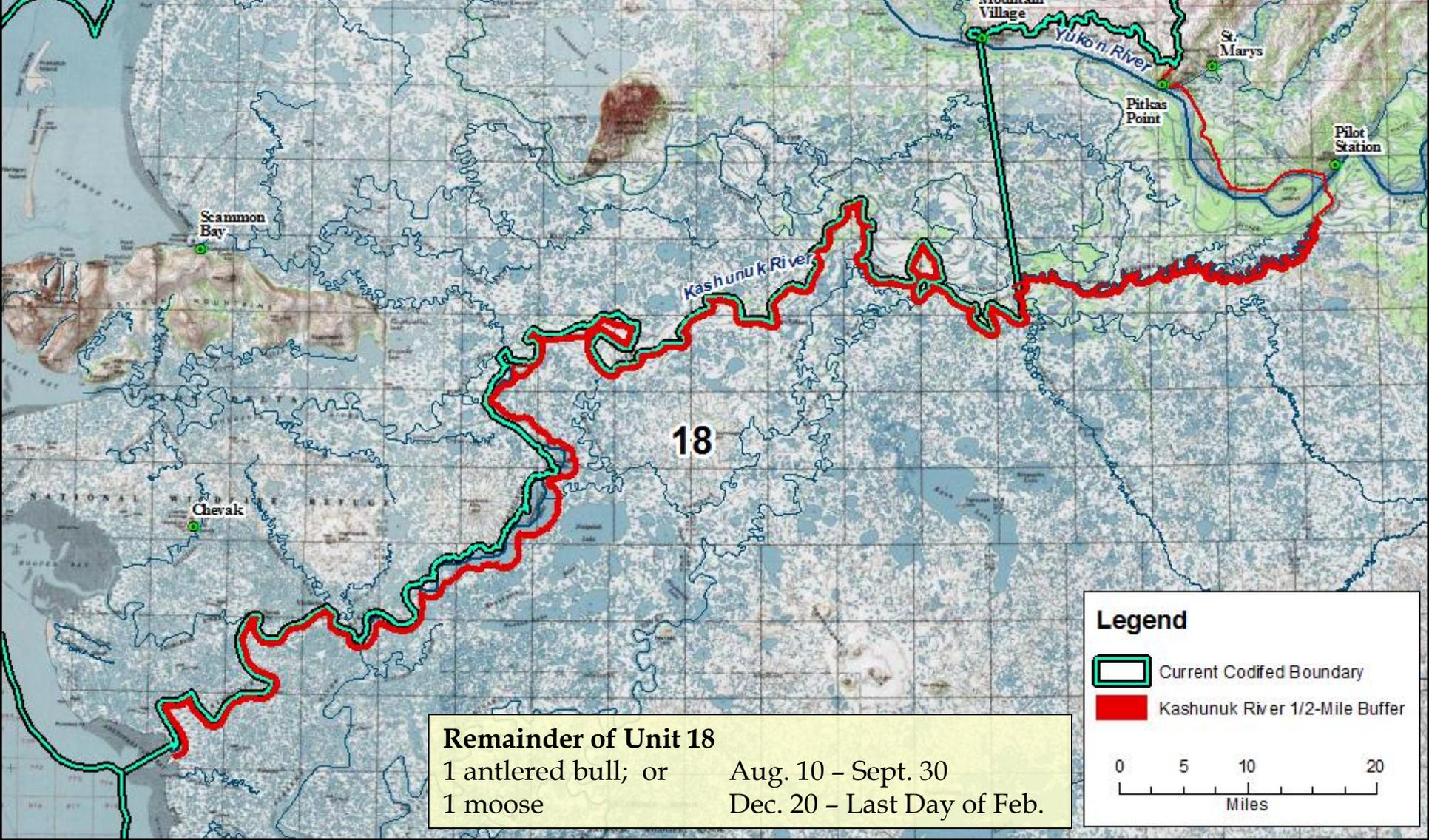
[A PERSON MAY NOT TAKE A CALF OR A COW ACCOMPANIED BY A CALF]

*<The proposal does not state a position on the 'calf/cow with calf' bag limit rule; it may be a proposed change or may be an omission.>*

**Unit 18, Lower Yukon Area**  
 2 moose of which only  
 1 may be an antlered bull;  
 a person may not take a calf or a  
 cow accompanied by a calf; or  
 2 antlerless moose

Aug. 1 - Sept. 30

Oct. 1 - Last Day of Feb.



**Remainder of Unit 18**  
 1 antlered bull; or  
 1 moose

Aug. 10 - Sept. 30  
 Dec. 20 - Last Day of Feb.

**Legend**

- Current Codified Boundary
- Kashunuk River 1/2-Mile Buffer

0 5 10 20  
 Miles

# Summary Information

The new boundary affects about 150 mi<sup>2</sup> east of the line between Chakaktolik and Mountain Village

Compared to Remainder of Unit 18, the affected area will have:

- Longer season, lengthened 81 days
- Liberal bag limit, 2 moose, with antlered bull restriction

**- End -**

**Proposal 1**

**Questions?**

# Proposal 2: Moose

This proposal modifies the Lower Yukon Area for moose hunting in Unit 18. The changes are:

- New boundary for the Lower Yukon Area;
- Extend the resident season;
- Liberalize the bag limit.

This is a Lower Yukon AC proposal.

Department Recommendation: **Oppose**

Advisory Committee Recommendations:

Central Bering Sea AC.....	<b><u>Support</u></b>
Lower Yukon AC:.....	<b><u>Support</u></b>
Lower Kuskokwim AC.....	<b><u>Support</u></b>

# Current Boundary - Lower Yukon Area

Unit 18, Lower Yukon Area, that portion north and west of the Kashunuk River including the north bank from the mouth of the river upstream to the old village of Chakaktolik, west of a line from Chakaktolik to Mountain Village, and excluding all Yukon River drainages upriver from Mountain Village

*<Remainder of Unit 18 is the adjoining hunt area with a common boundary in the proposal area.>*

# Proposed Boundary

Unit 18, that portion north and west of a line from Cape Romanzof to Kusilvak Mt. to Mountain Village and including Paimiut area and Andreafski all the way down to Kashunak River and excluding all Yukon River drainages upriver from Paimiut; however, portions of this area may be closed by emergency order.

*<The proposal states this modifies the Lower Yukon Area by including Paimiut area and Andreafski all the way down river to Kashunak River>*

# Unit 18 - Moose Regulations

## **Unit 18, Lower Yukon Area, ...**

### RESIDENT HUNTERS:

2 moose of which only

Aug. 1 - Sept. 30

1 may be an antlered bull;

a person may not take a calf or a  
cow accompanied by a calf; or

2 antlerless moose

Oct. 1 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

## **Remainder of Unit 18**

### RESIDENT HUNTERS:

1 antlered bull; or

Aug. 10 - Sept. 30

1 moose

Dec. 20 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

# Proposed - Moose Regulations

## Unit 18, Lower Yukon Area, ...

Resident Hunt:

1 antlered bull; or moose

[2 MOOSE OF WHICH ONLY  
1 MAY BE AN ANTLERED BULL;  
A PERSON MAY NOT TAKE  
A CALF OR A COW  
ACCOMPANIED BY A CALF; OR  
2 ANTLERLESS MOOSE  
FEB.]

Aug. 10 - Feb. 28

[AUG. 1 - SEPT. 30]

[OCT. 1 - LAST DAY OF

## Remainder of Unit 18

RESIDENT HUNTERS:

[1 ANTLERED BULL; OR]

2 moose

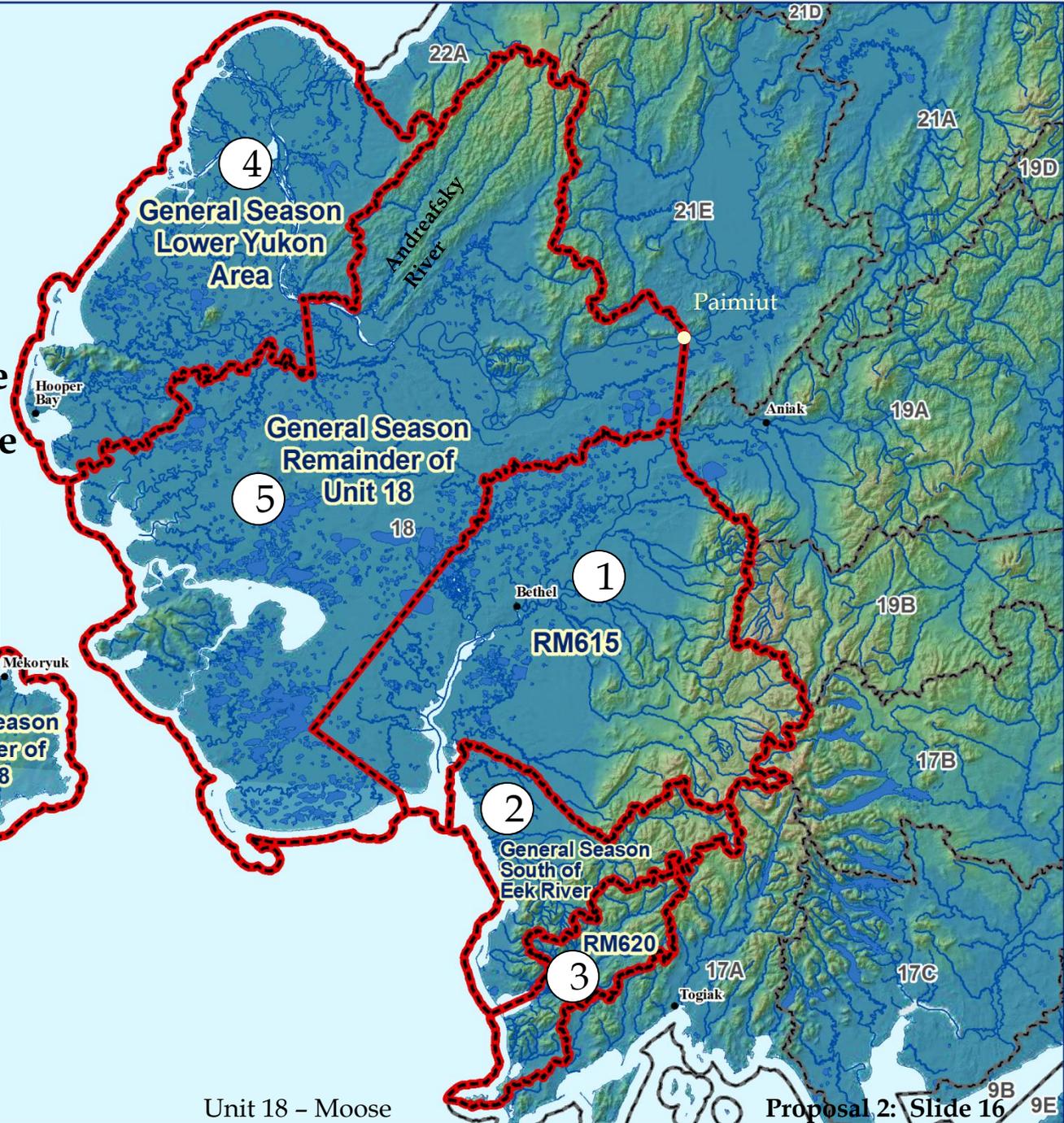
Aug. 10 - Feb. 28

*<Nonresident hunt remains the same - no change>*

# Unit 18 Moose Hunt Area



- ① Kuskokwim drainage
- ② South of Eek drainage
- ③ Goodnews drainage
- ④ Lower Yukon Area
- ⑤ Remainder



# Summary Information

- The new boundary is difficult to interpret from the description.
  - Between Mountain Village and Paimiut (120 mi), only generalized descriptions of Andreafski and Kashunak
  - Upstream of Paimiut, the area is in Unit 21.
- Compared to current regulations, the bag limits are inverted in the two areas:
  - In Lower Yukon Area, the 2 moose bag limit is replaced with 1 antlered bull bag limit;
  - In 'Remainder', the 1 antlered bull bag limit is replaced with a 2 moose bag limit;
  - Swapping hunt area bag limits will be confusing to the public

**- End -**

**Proposal 2**

**Questions?**

# Proposal 3: Moose

This proposal modifies the season and bag limit for moose in Unit 18. The changes are:

- Lower Yukon Area, 2 moose from Aug. 1 – April 30; only one antlered bull Aug. 1 – Sept. 30.; antlerless moose from Oct. 1 – April 30.
- Remainder of Unit 18, 2 moose from Aug. 1 – April 30; only one antlered bull Aug. 1 – Sept. 30.; antlerless moose from Oct. 1 – April 30.

This is a public proposal.

Department Recommendation: **Oppose**

Advisory Committee Recommendations:

Central Bering Sea AC.....**Amend end date to Mar. 31**

Lower Kuskokwim AC.....**Amend end date to last day of Feb.**

Lower Yukon AC:.....**Support**

# Current Boundary - Lower Yukon Area

Unit 18, Lower Yukon Area, that portion north and west of the Kashunuk River including the north bank from the mouth of the river upstream to the old village of Chakaktolik, west of a line from Chakaktolik to Mountain Village, and excluding all Yukon River drainages upriver from Mountain Village

*<Remainder of Unit 18 is the adjoining hunt area with a common boundary in the proposal area.>*

# Unit 18 - Moose Regulations

## **Unit 18, Lower Yukon Area, ...**

### RESIDENT HUNTERS:

2 moose of which only

Aug. 1 - Sept. 30

1 may be an antlered bull;

a person may not take a calf or a  
cow accompanied by a calf; or

2 antlerless moose

Oct. 1 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

## **Remainder of Unit 18**

### RESIDENT HUNTERS:

1 antlered bull; or

Aug. 10 - Sept. 30

1 moose

Dec. 20 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

# Proposed Moose Regulations

## Unit 18, Lower Yukon Area

2 moose of which only

Aug. 1 - April 30

1 may be an antlered bull from

Aug. 1 - Sept. 30; antlerless moose

from Oct. 1 - April 30. [A PERSON MAY

NOT TAKE A CALF OR A COW

ACCOMPANIED BY A CALF; OR

2 ANTLERLESS MOOSE]

[OCT. 1 - LAST DAY OF FEB.]

## Remainder of Unit 18

2 moose of which only

Aug. 1 - April 30

1 may be an antlered bull from

Aug. 1 - Sept. 30; antlerless moose

from Oct. 1 - April 30.

[1 ANTLERED BULL; OR

1 MOOSE]

[AUG. 10 - SEPT. 30

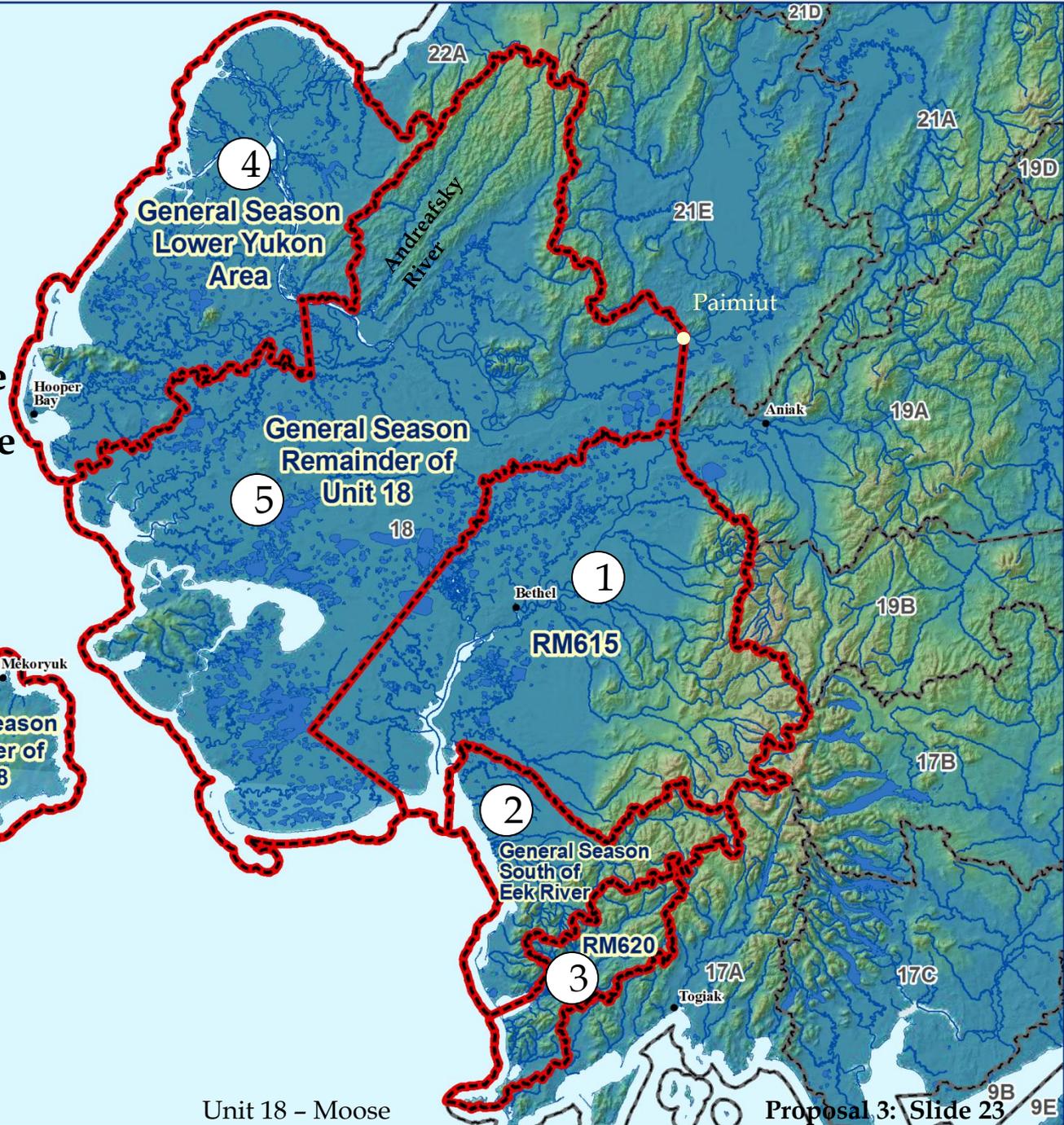
DEC. 20 - LAST DAY OF FEB.]

*<The proposal does not state a position on the nonresident season.>*

# Unit 18 Moose Hunt Area



- ① Kuskokwim drainage
- ② South of Eek drainage
- ③ Goodnews drainage
- ④ Lower Yukon Area
- ⑤ Remainder



# Summary Information

- Extends season 61 days for Lower Yukon Area
- Extends season 150 days for Remainder of Unit 18
- Liberalizes bag limit in Remainder of Unit 18
- Creates the same season and bag limit across 2 hunt areas.
- One broad zone with the same regulation, limits management options available to the department

**- End -**

**Proposal 3**

**Questions?**

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# Proposal 4: Moose

This proposal reauthorizes the resident antlerless hunt and modifies the season and bag limit for moose in Unit 18. The changes are:

- Retain antlerless hunt in Lower Yukon Area (no change)
- Modify the antlerless hunt in Remainder of Unit 18:
  - Include antlerless moose in fall hunt;
  - Lengthen the fall season by starting in Aug. 1;
  - Retain the antlerless winter hunt (no change)

This is a Department proposal.

Department Recommendation: **Support**

Advisory Committee Recommendations:

Central Bering Sea AC.....**Support**

Lower Kuskokwim AC..... **Support**

Lower Yukon AC:..... **Support**

# Current Boundary - Lower Yukon Area

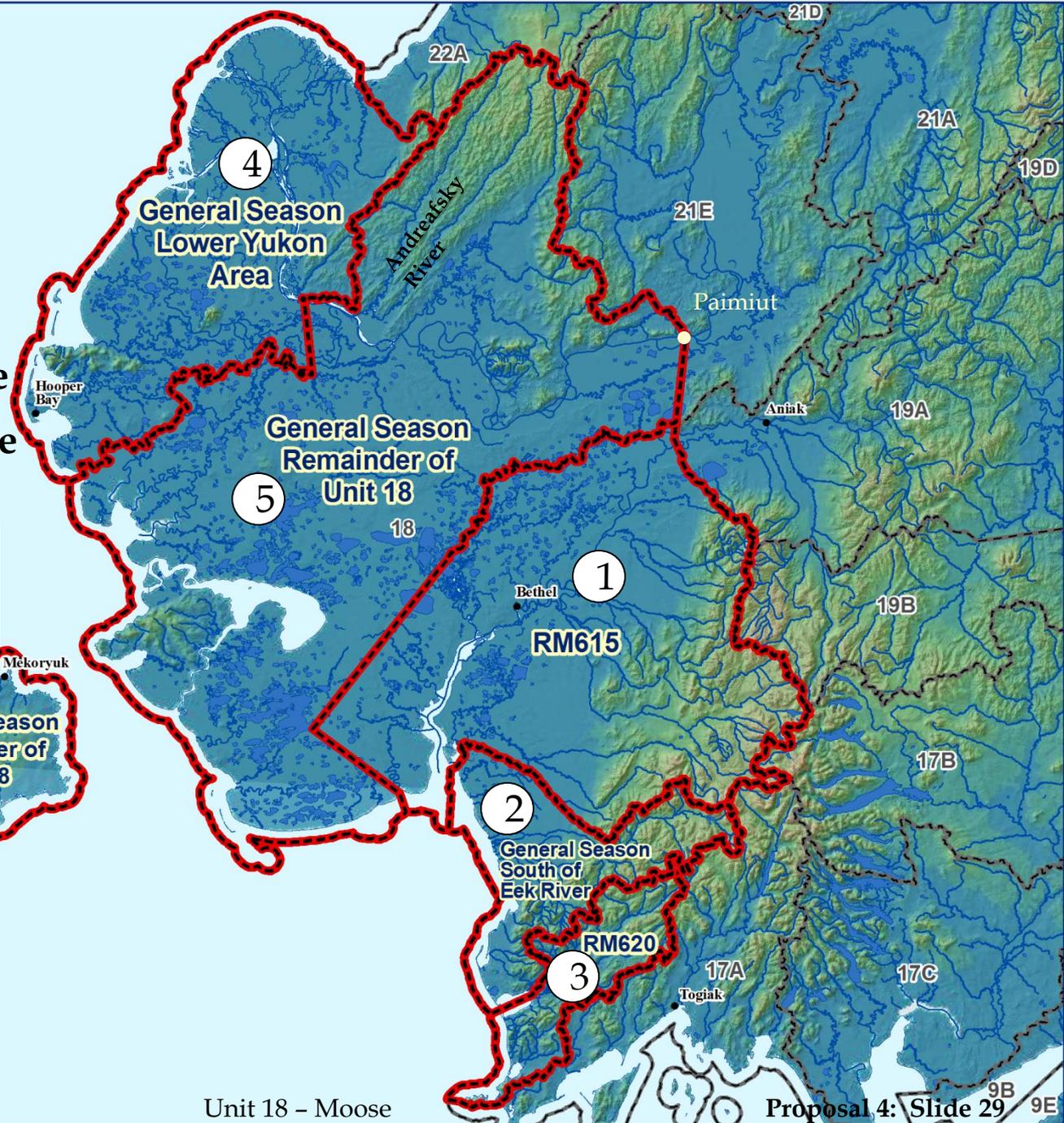
Unit 18, Lower Yukon Area, that portion north and west of the Kashunuk River including the north bank from the mouth of the river upstream to the old village of Chakaktolik, west of a line from Chakaktolik to Mountain Village, and excluding all Yukon River drainages upriver from Mountain Village

*<Remainder of Unit 18 is the adjoining hunt area with a common boundary in the proposal area.>*

# Unit 18 Moose Hunt Area



- ① Kuskokwim drainage
- ② South of Eek drainage
- ③ Goodnews drainage
- ④ Lower Yukon Area
- ⑤ Remainder



# Unit 18 - Moose Regulations

## **Unit 18, Lower Yukon Area, ...**

### RESIDENT HUNTERS:

2 moose of which only

Aug. 1 - Sept. 30

1 may be an antlered bull;

a person may not take a calf or a  
cow accompanied by a calf; or

2 antlerless moose

Oct. 1 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

## **Remainder of Unit 18**

### RESIDENT HUNTERS:

1 antlered bull; or

Aug. 10 - Sept. 30

1 moose

Dec. 20 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

# Unit 18 - Antlerless Reauthorization

## Unit 18, Lower Yukon Area, ...

### RESIDENT HUNTERS:

2 moose of which only

Aug. 1 - Sept. 30

1 may be an antlered bull;

a person may not take a calf or a cow accompanied by a calf; or

2 antlerless moose

Oct. 1 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

## Remainder of Unit 18

### RESIDENT HUNTERS:

1 moose [1 ANTLERED BULL];  
a person may not take a calf or a cow accompanied by a calf; or

Aug. 1 - Sept. 30

1 moose

Dec. 20 - Last Day of Feb.

### NONRESIDENT HUNTERS:

1 antlered bull

Sept. 1 - Sept. 30

# Summary Information

- Lower Yukon Area, no change to antlerless hunt;
- Remainder of Unit 18, fall hunt extended 10 days;
- Remainder of Unit 18, fall hunt liberalized to bag limit of 1 moose;
- Remainder of Unit 18, no change to winter antlerless hunt;
- In fall antlerless hunts, a person may not take a calf or a cow accompanied by a calf.

**- End -**

**Proposal 4**

**Questions?**

# Proposal 5: Unit 18 Mainland Muskox

This proposal seeks to open a subsistence hunt for muskox inhabiting the mainland of Units 18 and 19. The 'Remainder of Unit 18' is the mainland portion of Unit 18.

Proposal 5 is the same as Proposal 66 to be considered for Unit 19 at the Interior Region meeting in February 2014.

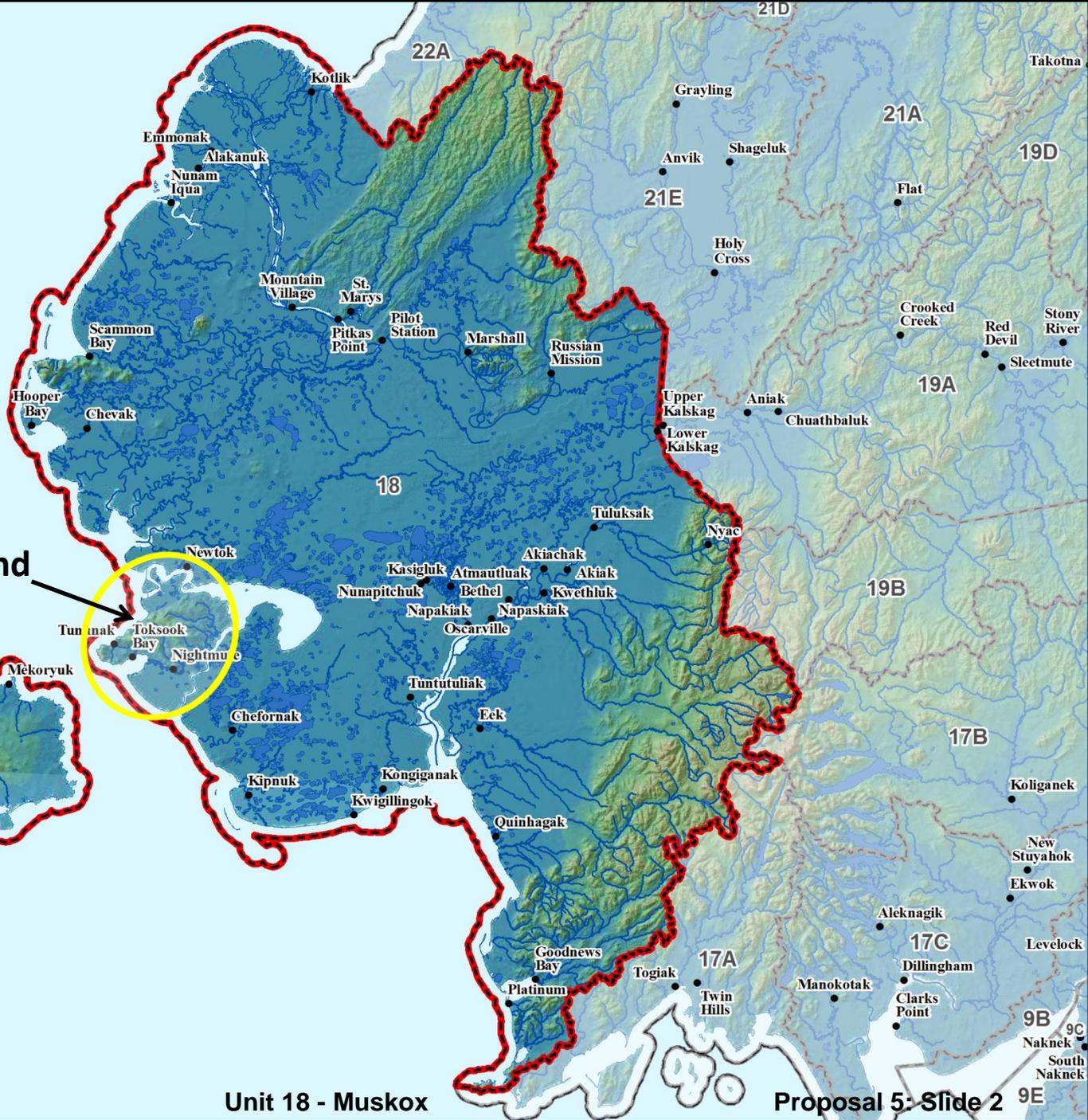
This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC.....	<b><u>Support</u></b>
Lower Kuskokwim AC.....	<b><u>Oppose</u></b>
Lower Yukon AC .....	<b><u>Support</u></b>

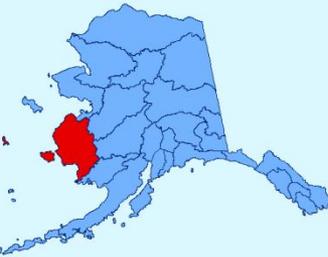
# Unit 18



**Nelson Island**



**Nunivak Island**



# History of Muskox in Unit 18

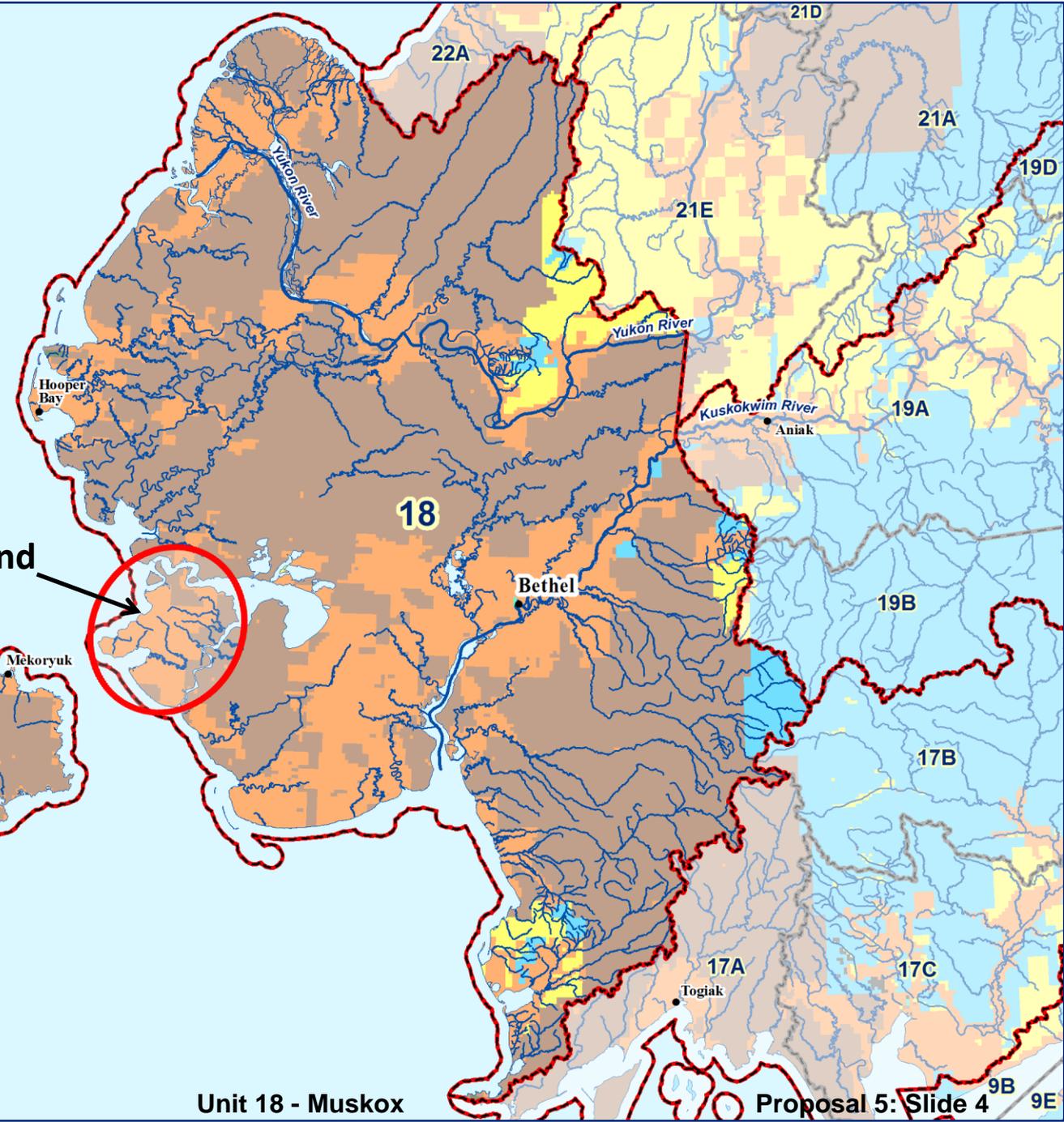
- 1850-1860 Muskox were extirpated from Alaska.
- 1930 34 Musk ox were captured in Greenland.
- 1930-1936 Muskox were retained and reared in Fairbanks.
- 1935-1936 31 Muskox were released on Nunivak Island.
- 1967-1968 23 Muskox were transplanted from Nunivak Island to Nelson Island.
- 1975 First hunting on Nunivak Island.
- 1976 First observation of a muskox on mainland.
- 1981 First hunting on Nelson Island.
- 2013 Currently, 150-200 muskox on mainland.

# Unit 18 Land Status

- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



Nelson Island



Nunivak Island

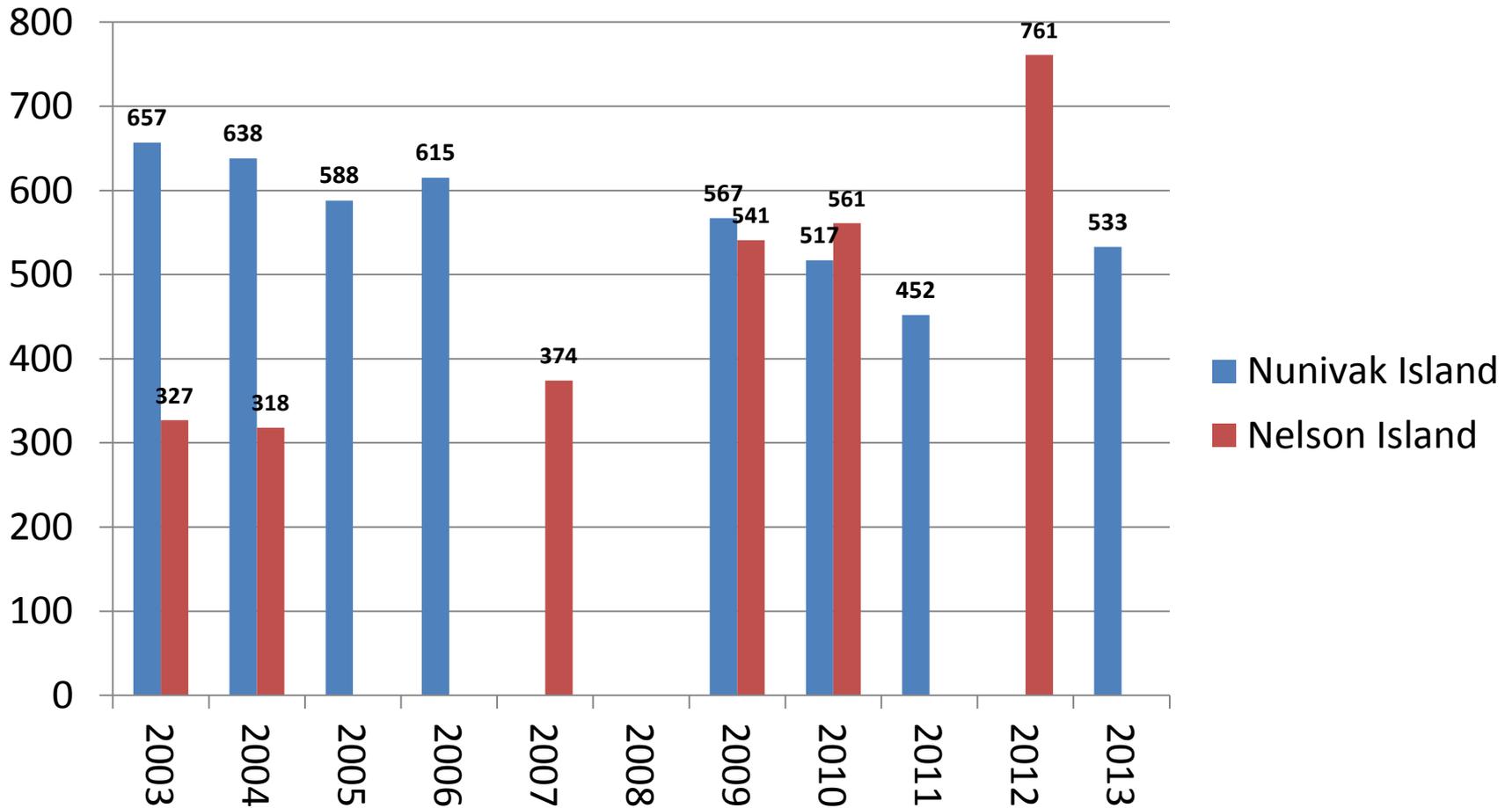
Unit 18 - Muskox

Proposal 5: Slide 4 9B 9E

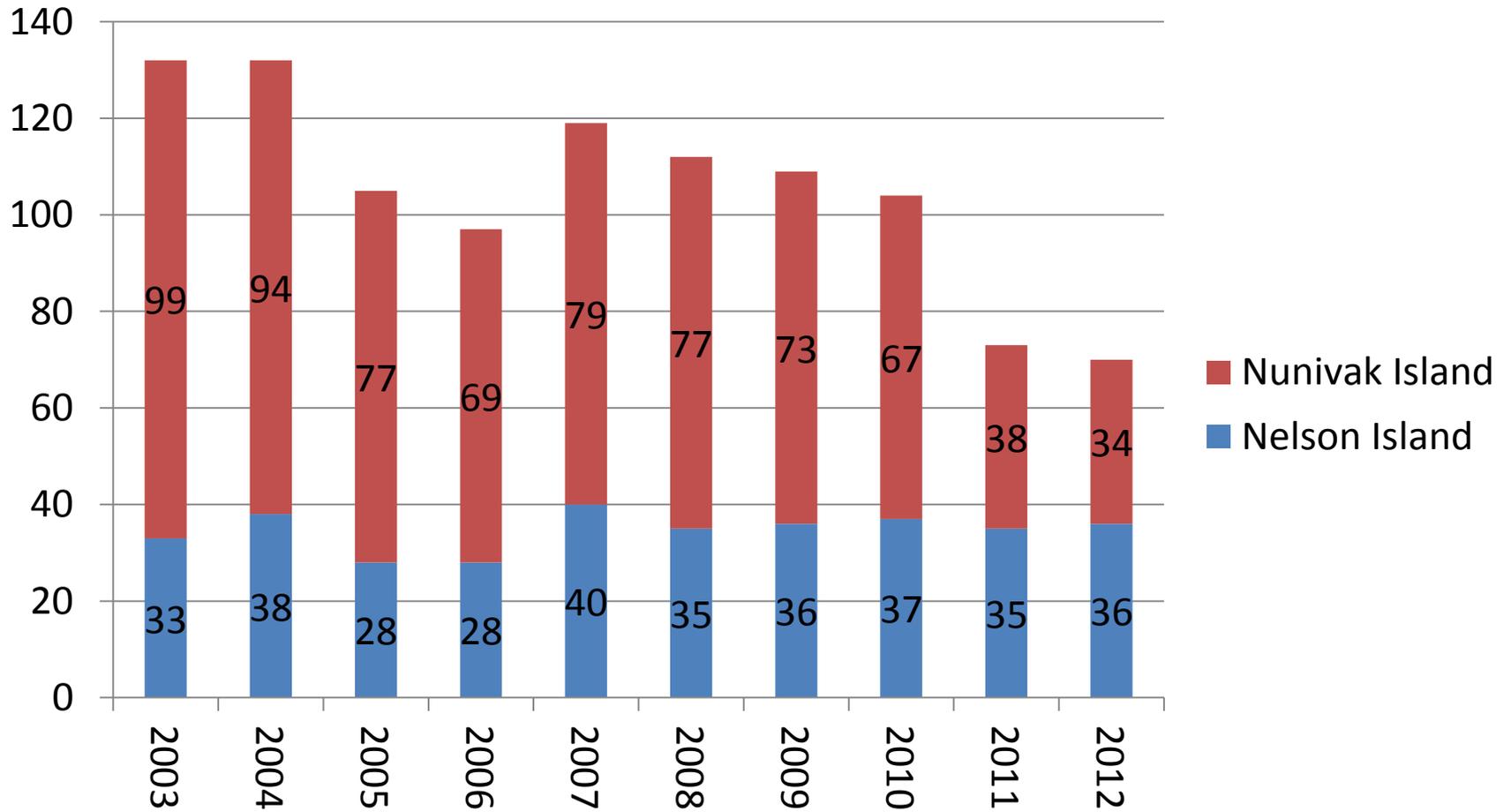
# Current Regulation

	<u>Residents</u>	<u>Nonresidents</u>
Unit 18, Nunivak Island 1 bull by drawing permit only, with up to 10 permits to be issued for the fall season and up to 100 permits to be issued for the spring season; or  1 cow by registration permit only, with up to 60 permits for cows to be issued on a first-come, first-served basis	Sept. 1–Sept. 30 (General hunt only) Feb. 1–Mar. 15 (General hunt only)	Sept. 1–Sept. 30 Feb. 1–Mar. 15
Unit 18, Nelson Island 1 musk ox by registration permit only; up to 42 permits will be issued on a first-come, first-served basis	Feb. 1–Mar. 15 (General hunt only)	Feb. 1–Mar. 15
Remainder of Unit 18	No open season.	No open season.

# Nunivak & Nelson Island – Muskox Counts



# Nunivak & Nelson Island – Harvests



# Unit 18 Muskox Population

## 2013 Population Size

Unit 18 estimate .....	= 1,400 – 1,600 muskox
Harvestable surplus.....	= 125 muskox (approximate)
5-yr average harvest.....	= 94 (RY2008-RY2012)

## Subsistence

Negative C&T

Amount necessary..... = N/A

# Mainland Hunting

- Currently.....'no open season'
- Manage for population growth and expansion
- Begin hunting when population reaches 500 muskox
- Conservative bull harvest at 2 – 3% rate
- If population is 500 muskox, available harvest would be 10 – 15 bulls

**– End –**

**Questions?**

# Proposal 6: Unit 18 Nelson Island Muskox

This proposal removes the upper limits of Nelson Island muskox registration permits issued for the winter season.

This is a Department proposal.

Department Recommendation: **Support**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC

**Amend**

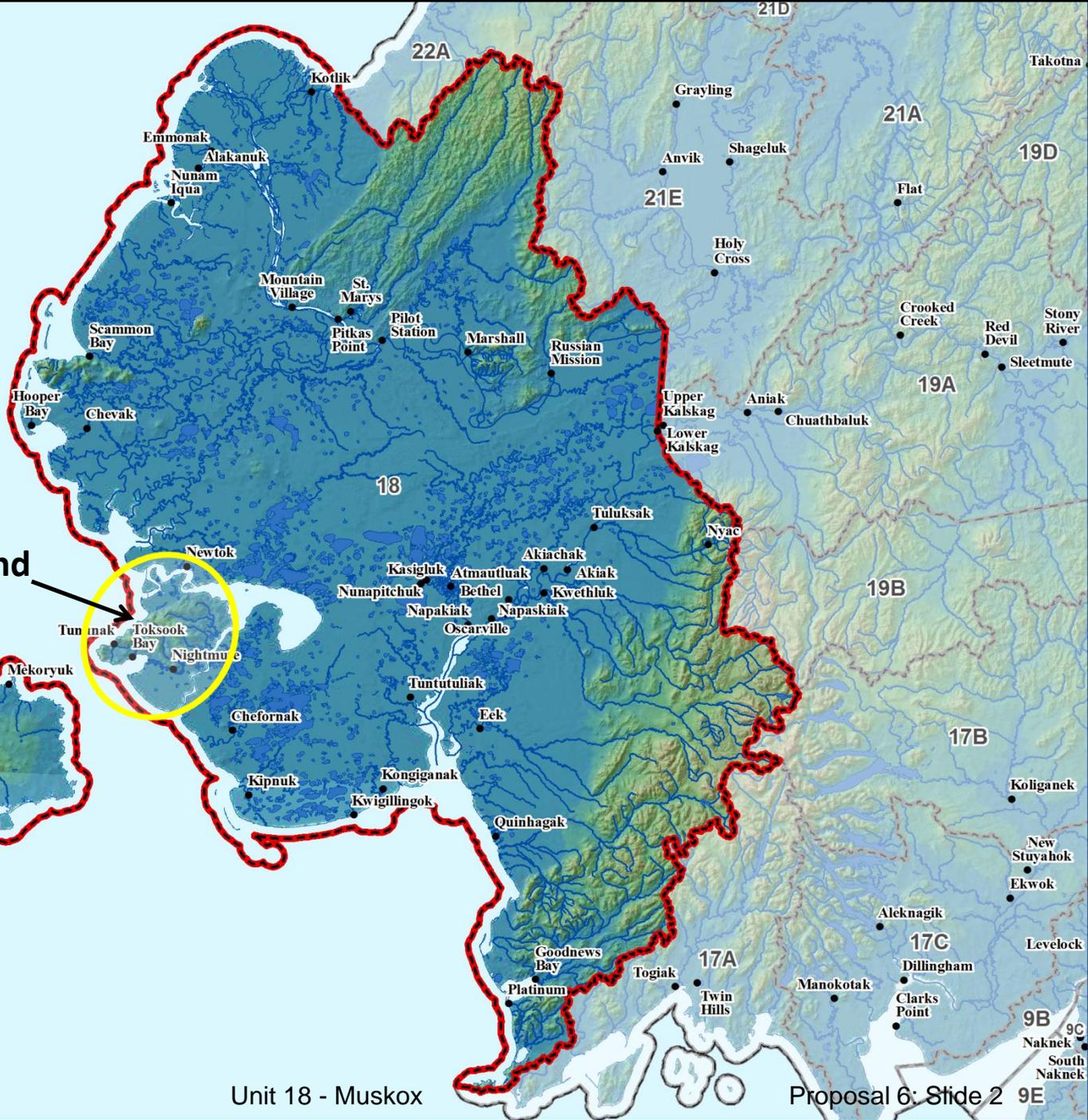
Lower Kuskokwim AC

**Support**

Lower Yukon AC

**Support**

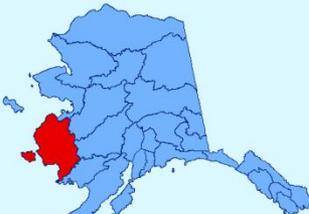
# Unit 18



**Nelson Island**



**Nunivak Island**



# History of Muskox – Nelson Island

- 1850–1860 Muskox were extirpated from Alaska.
- 1930 34 Musk ox were captured in Greenland.
- 1930–1936 Muskox were retained and reared in Fairbanks.
- 1935–1936 31 Muskox were released on Nunivak Island.
- 1967–1968 23 Muskox were transplanted from Nunivak Island to Nelson Island.
- 1975 First hunting on Nunivak Island.
- 1976 First observation of a muskox on mainland.
- 1981 First hunting on Nelson Island.
- 2013 Currently, 150-200 muskox on mainland.

# Nelson Island Muskox Management Plan

- Nelson Island Muskox Herd Cooperative Management Plan
- Drafted in January 1995
- Cooperators: Villages, ADF&G, USFWS, Subsistence users
- Purpose: joint commitment to manage for a sustained yield of muskox that both benefits the muskox population and the users of the muskoxen on Nelson Island
- Harvest management: no harvest when pre-calving count is less than 250 muskox; 10% and higher harvest when pre-calving count is higher than 250 muskox.
- Habitat management: protect and maintain the habitat and other components of the ecosystem upon which the herd depends.

# Department Management Objectives

- Maintain a post-hunt pre-calving population of at least 250 muskoxen on Nelson Island, and 500–550 on Nunivak Island.
- Issue drawing and registration permits for harvesting muskoxen to maintain optimal size, composition, and productivity of the muskox populations on Nunivak and Nelson Islands.
- Provide hunter orientation and post-hunt checkout to ensure hunters understand permit requirements, properly identify legal muskoxen, and report their harvests in a timely and accurate manner.
- Determine the distribution and dispersal of muskoxen on the mainland.
- Use the cooperative management plans for Nunivak and Nelson Islands.

# Current Regulation – Nelson Island

	<u>Residents</u>	<u>Nonresidents</u>
Unit 18, Nunivak Island		
1 bull by drawing permit only, with up to 10 permits to be issued for the fall season and up to 100 permits to be issued for the spring season; or	Sept. 1–Sept. 30 (General hunt only) Feb. 1–Mar. 15 (General hunt only)	Sept. 1–Sept. 30 Feb. 1–Mar. 15
1 cow by registration permit only, with up to 60 permits for cows to be issued on a first-come, first-served basis	Feb. 1–Mar. 15 (General hunt only)	Feb. 1–Mar. 15
Unit 18, Nelson Island		
1 musk ox by registration permit only; up to 42 permits will be issued on a first-come, first-served basis	Feb. 1–Mar. 25 (General hunt only)	Feb. 1–Mar. 25
Remainder of Unit 18	No open season.	No open season.

# Proposed Regulation – Nelson Island

## Current Regulation

Unit 18, Nelson Island

1 musk ox by registration permit only;  
up to 42 permits will be issued on a  
first-come, first-served basis

Residents

Feb. 1–Mar. 25  
(General hunt only)

Nonresidents

Feb. 1–Mar. 25

## Proposed Regulation

Unit 18, Nelson Island

1 musk ox by registration permit only;  
**[UP TO 42]** permits will be issued on a  
first-come, first-served basis

Residents

Feb. 1–Mar. 25  
(General hunt only)

Nonresidents

Feb. 1–Mar. 25

**Nelson Island**

Unit Boundary

Land Management

- Fish and Wildlife Service (Refuge)
- Native



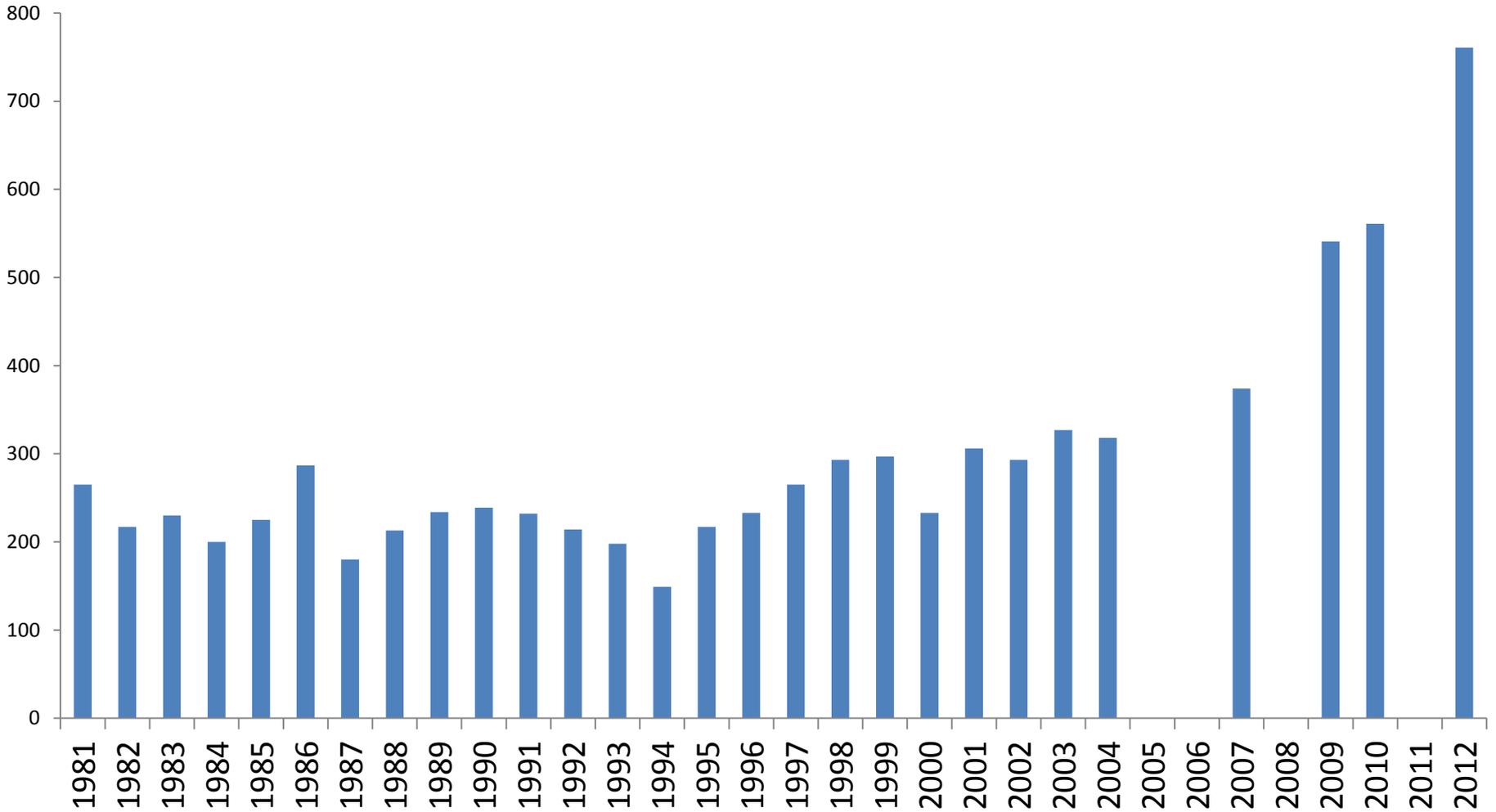


**NELSON ISLAND**

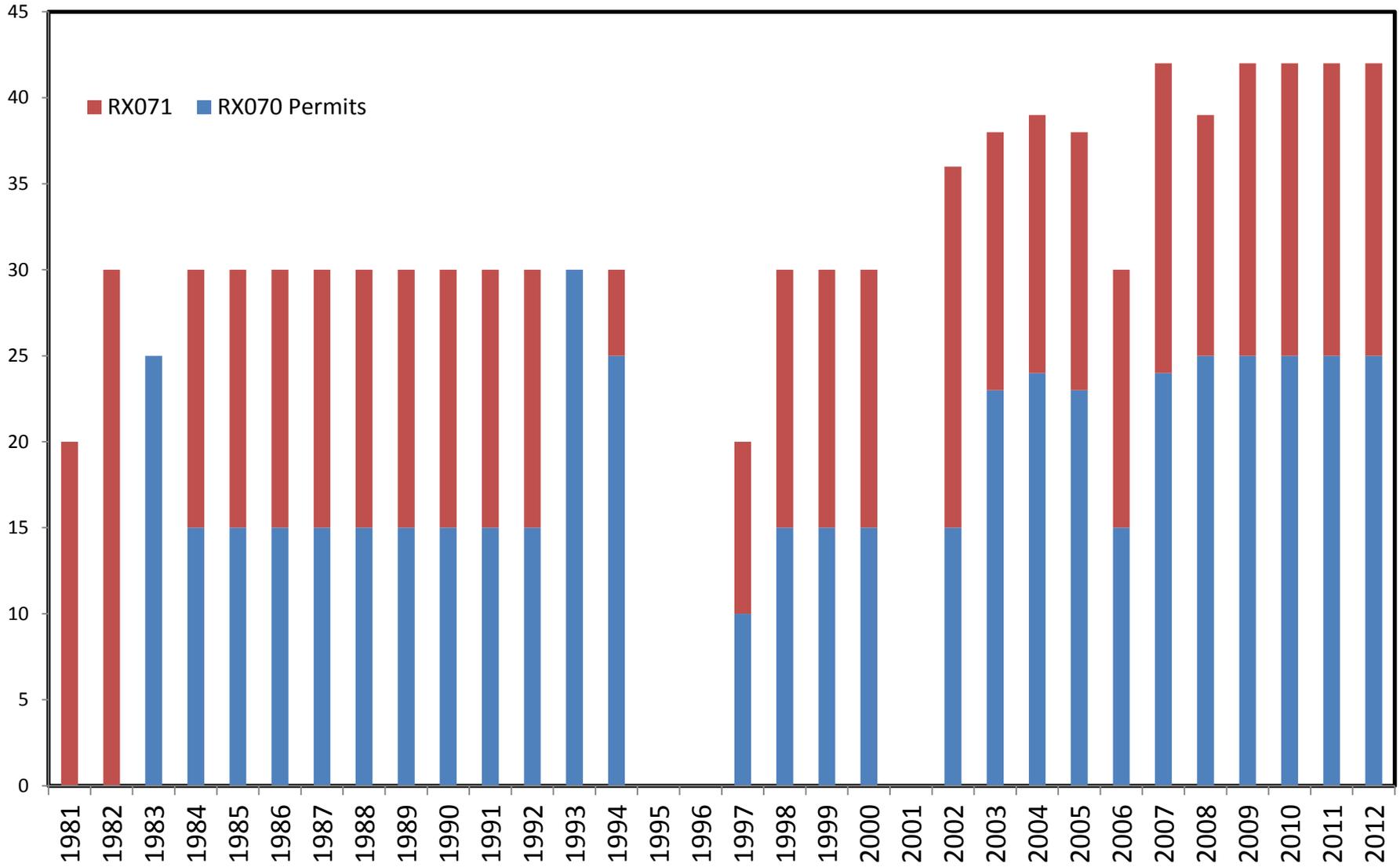
**18**

Nelson Island Population  
 843 mi<sup>2</sup>/2183 km<sup>2</sup>  
 743 muskox (July 2012)

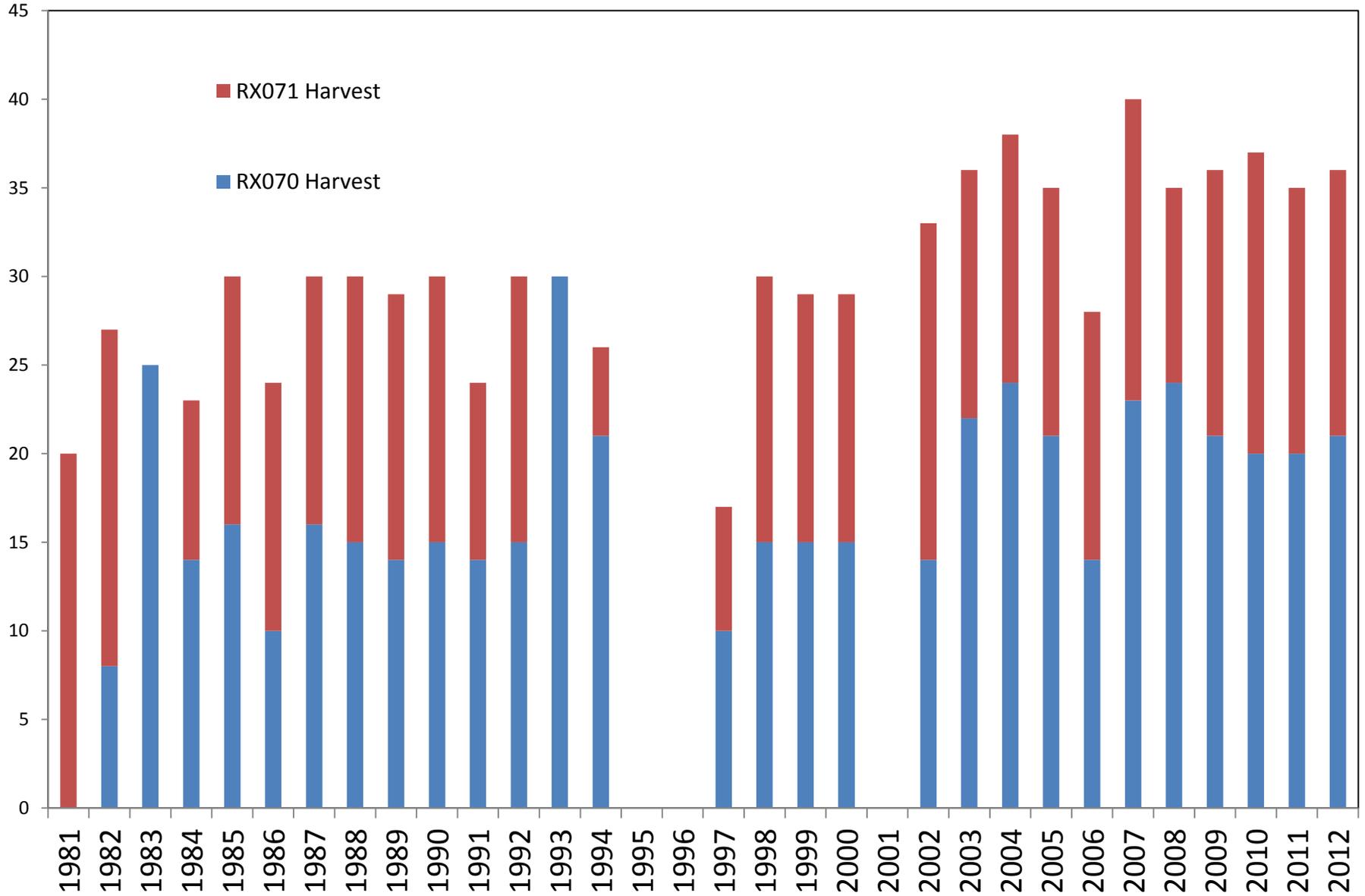
# Nelson Island Muskox Population



# Nelson Island Registration Permits



# Nelson Island Harvest



# Nelson Island Management Considerations

Past populations have been reduced by:

- Emigration to mainland
- Accidental death (lost on sea-ice)
- Hunting harvest (no natural predators)

Recent high population has resulted from:

- Cessation of emigration to mainland
- Less accidental death
- Limit on number of permits for hunting

Continued high population risks reducing range quality

Removing the 'up to' limit on permits allows flexibility to issue the number of permits needed to maintain population at management objectives.

**– End –**

**Questions?**

# Proposal 7: Unit 18 Wolverine

This proposal shifts the wolverine hunting season dates in Unit 18 by starting 15 days later and ending 15 days later. The proposed season is Sept. 15 – April 15.

This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC ..... **Opposed**

Lower Kuskokwim AC ..... **Opposed**

Lower Yukon AC ..... **Support**

# Wolverine Hunting Regulations

## Current Regulation

Season:

Sept. 1 – Mar. 31

Bag Limit:

2 wolverine

## Proposed Regulation

Season:

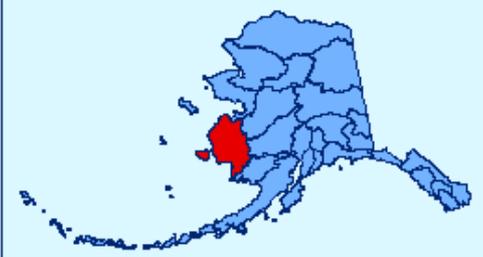
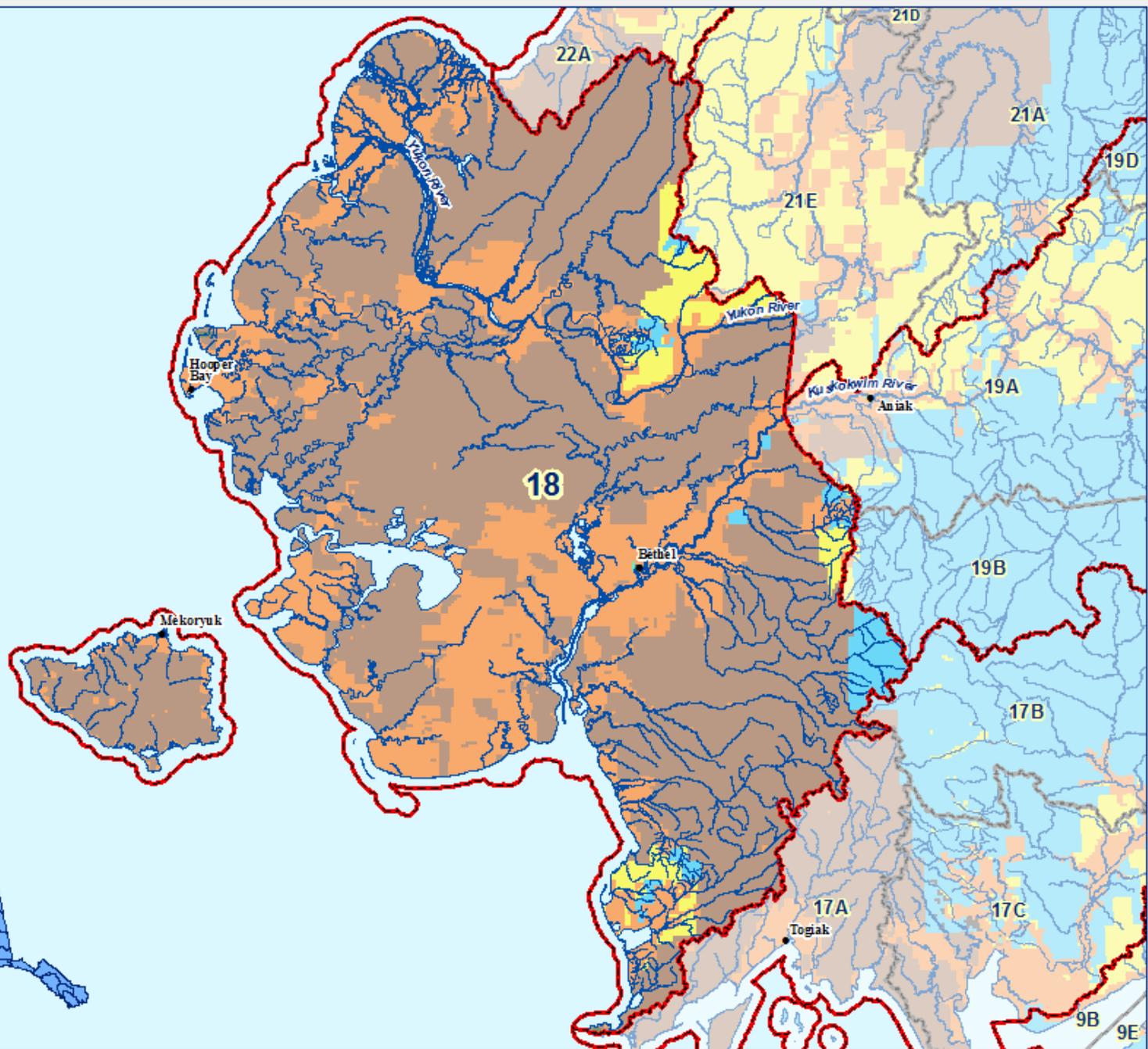
**Sept. 15 – April 15**

Bag Limit:

2 wolverine

# Unit 18 Land Status

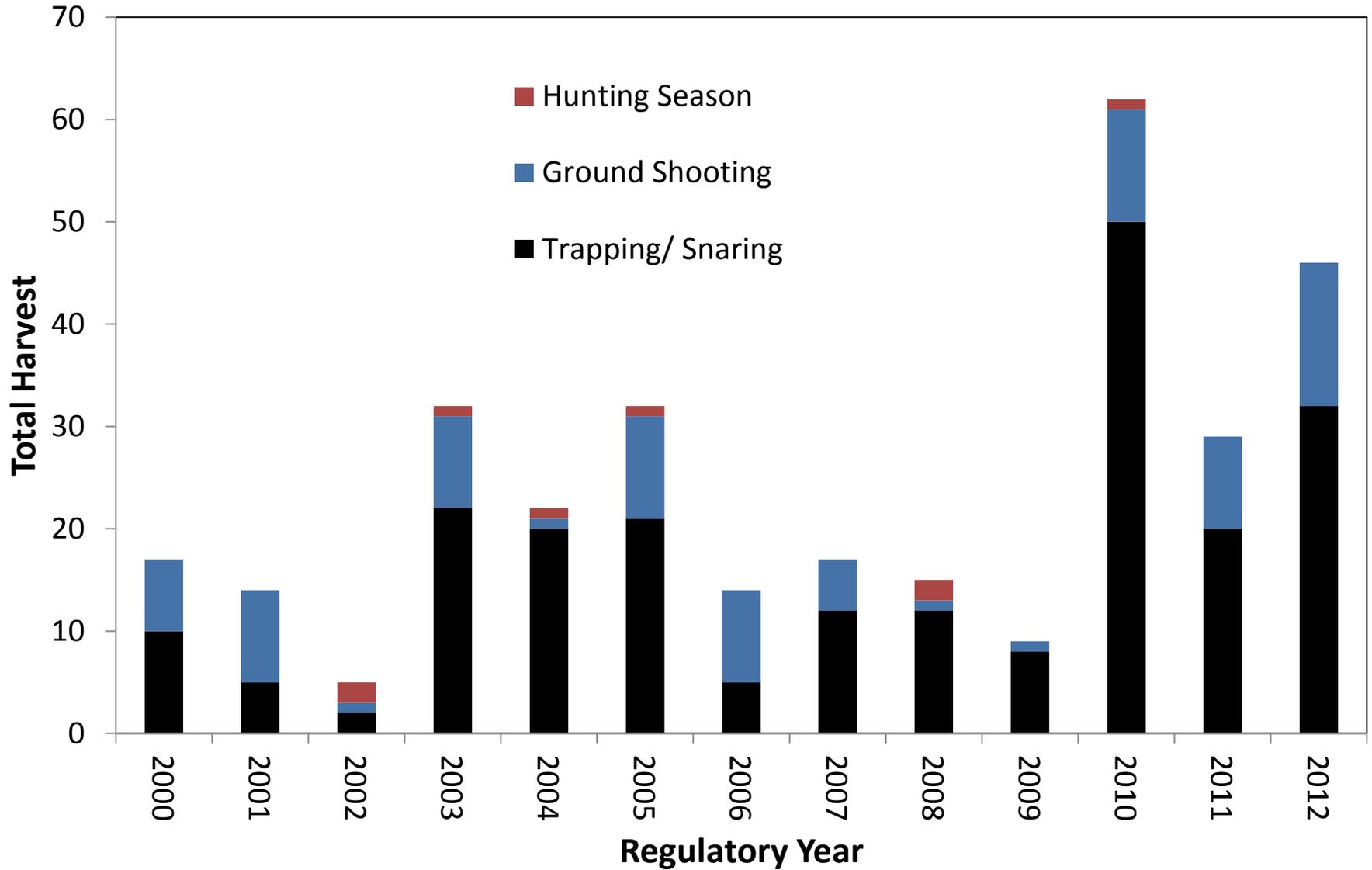
-  Unit Boundary
-  State
-  Native
-  Bureau of Land Management
-  National Wildlife Refuge



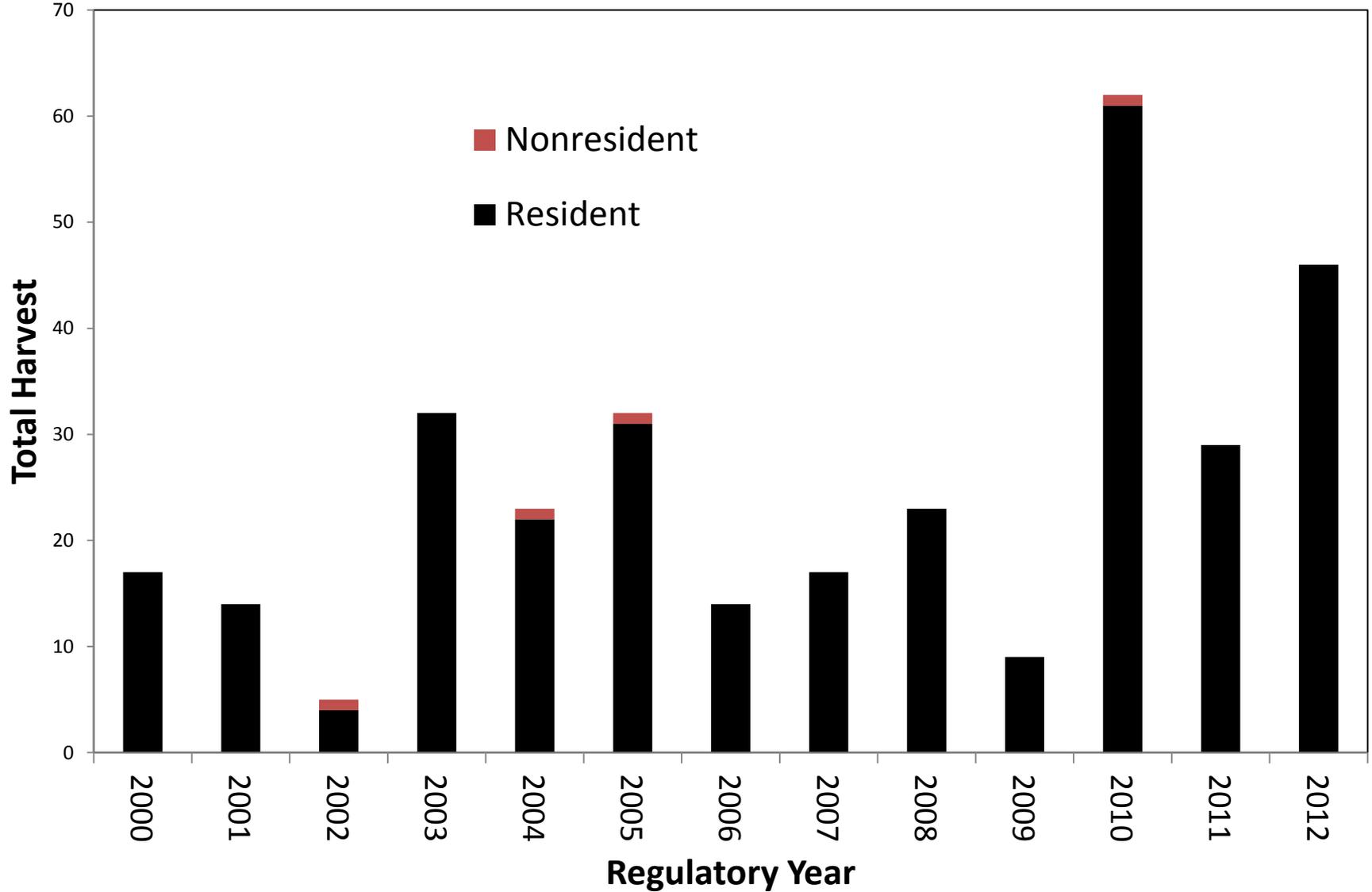
# Wolverine Harvest in Unit 18

<b>Year</b>	<b>Hunting season Sep.-Oct.</b>	<b>Ground Shooting Nov.-Mar.</b>	<b>Trapping/ Snaring Nov.-Mar.</b>	<b>Total Harvest Sep.-Mar.</b>
2000	0	7	10	17
2001	0	9	5	14
2002	2	3	2	5
2003	1	10	22	32
2004	1	2	20	22
2005	1	11	21	32
2006	0	9	5	14
2007	0	5	12	17
2008	2	3	12	23
2009	0	1	8	9
2010	1	12	50	62
2011	0	9	20	29
2012	0	14	32	46

# Wolverine Harvest - Method and Season



# Wolverine Harvest – Residency



# Questions ?



# Proposal 8: Unit 18 Lynx

This proposal extends the lynx hunting season 40 days in Unit 18. The proposed season is Nov. 1 – April 30. The season would apply to both residents and nonresidents.

This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC .....	<b><u>Amend</u></b> season Nov. 1 – Mar. 31
Lower Kuskokwim AC .....	<b><u>Opposed</u></b>
Lower Yukon AC .....	<b><u>Support</u></b>

# Lynx Hunting Regulations

## Current Regulation

Season:

Nov. 10 – Mar. 31

Bag Limit:

2 lynx

## Proposed Regulation

Season:

**Nov. 1 – Apr. 30**

Bag Limit:

2 lynx

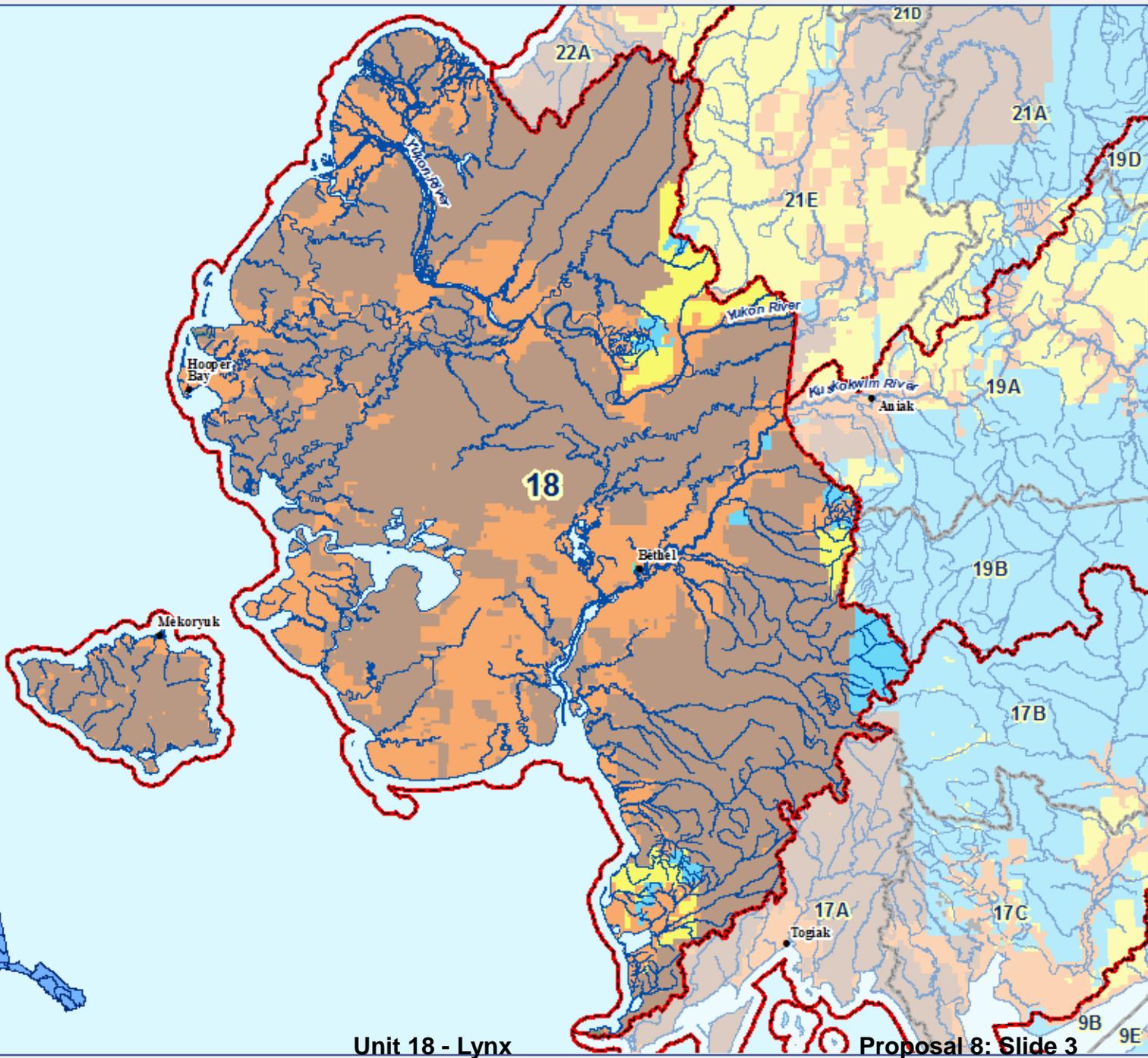
Central Bering Sea AC Amendment:

Season:

**Nov. 1 – Mar. 31**

# Unit 18 Land Status

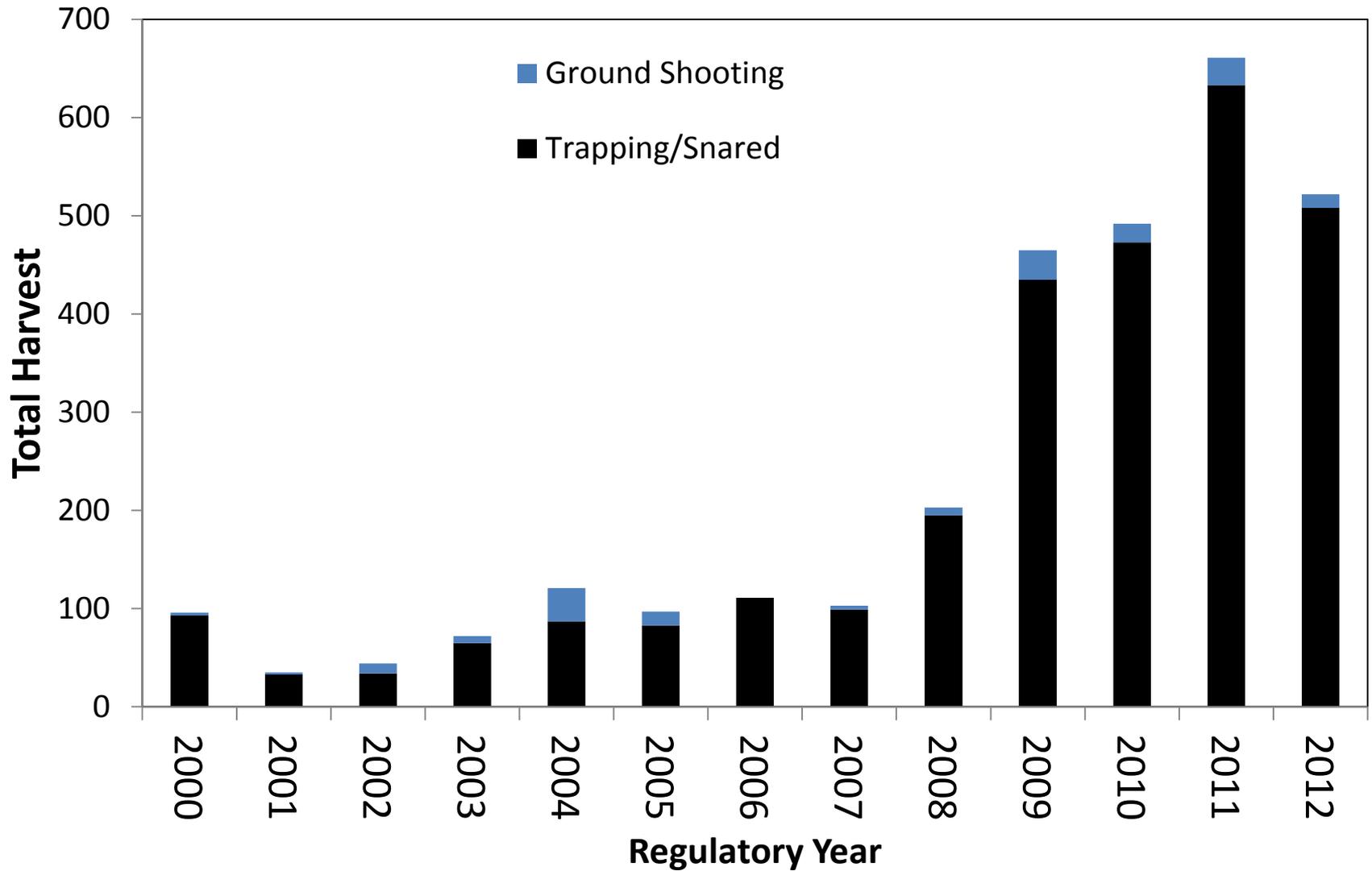
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



# Lynx Harvest in Unit 18

<b>Year</b>	<b>Ground Shooting</b>	<b>Trapping/ Snared</b>	<b>Total Harvest</b>
2000	3	93	96
2001	2	33	35
2002	10	34	44
2003	7	65	72
2004	34	87	121
2005	14	83	97
2006	0	111	111
2007	4	99	103
2008	8	195	203
2009	30	435	465
2010	19	473	492
2011	28	633	661
2012	14	508	529

# Lynx Harvest – Method



# Questions ?

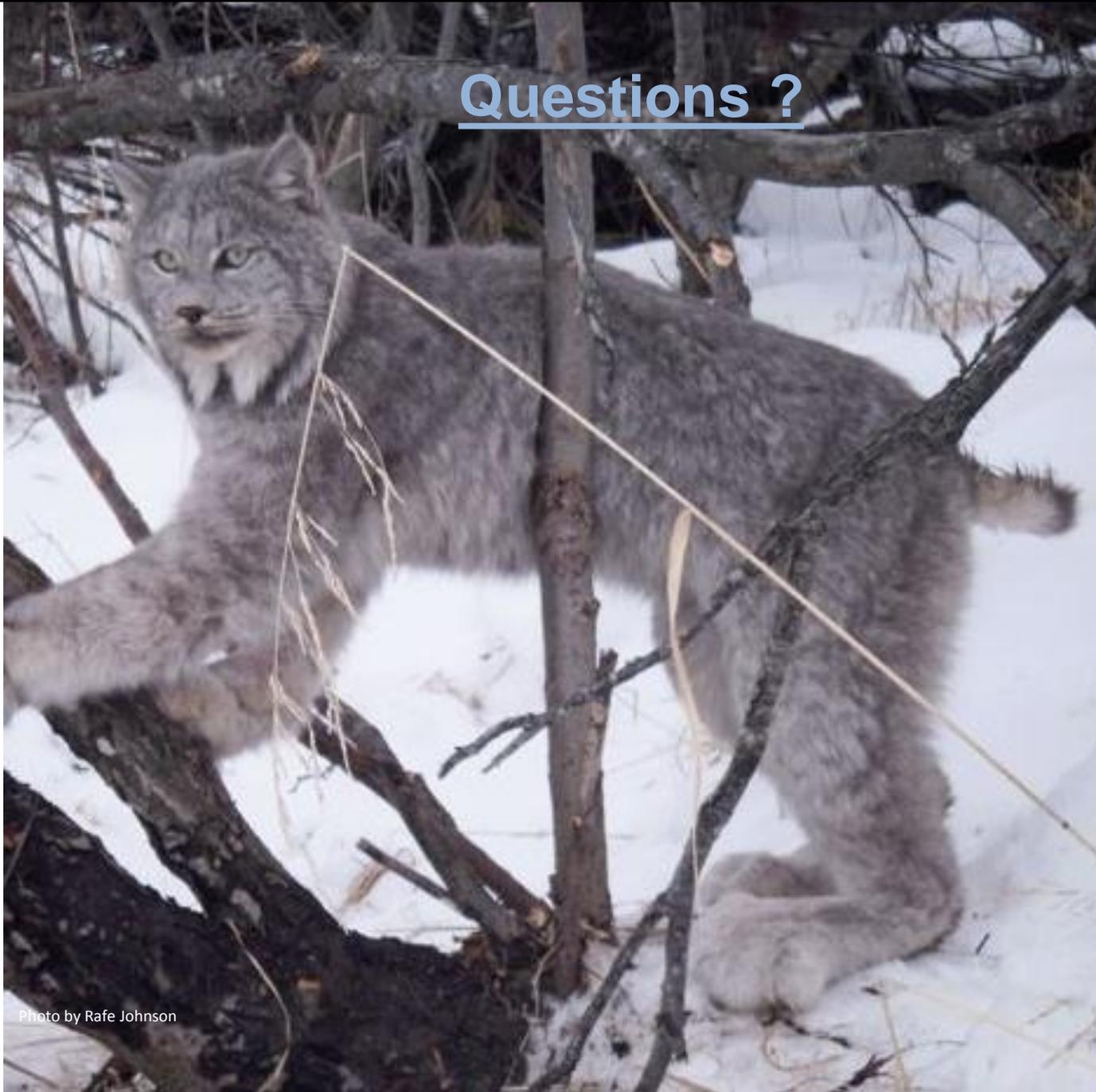


Photo by Rafe Johnson

# Proposal 9: Unit 18 Lynx

This proposal extends the lynx hunting season 30 days in Unit 18. The proposed season is Nov. 10 – April 30. The season would apply to both residents and nonresidents.

This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC .....	<b><u>Amend</u></b> season Nov. 1 – Mar. 31
Lower Kuskokwim AC .....	<b><u>Opposed</u></b>
Lower Yukon AC .....	<b><u>No Action</u></b> (based on Proposal 8)

# Lynx Hunting Regulations

## Current Regulation

Season:

Nov. 10 – Mar. 31

Bag Limit:

2 lynx

## Proposed Regulation

Season:

Nov. 10 – **Apr. 30**

Bag Limit:

2 lynx

Central Bering Sea AC Amendment:

Season:

**Nov. 1 – Mar. 31**

# Lynx Hunting Information

(Next Slides: Same Summary as Proposal 8)

Map of Unit 18

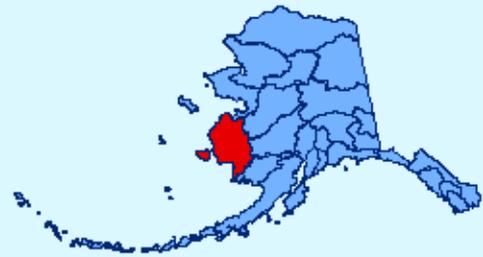
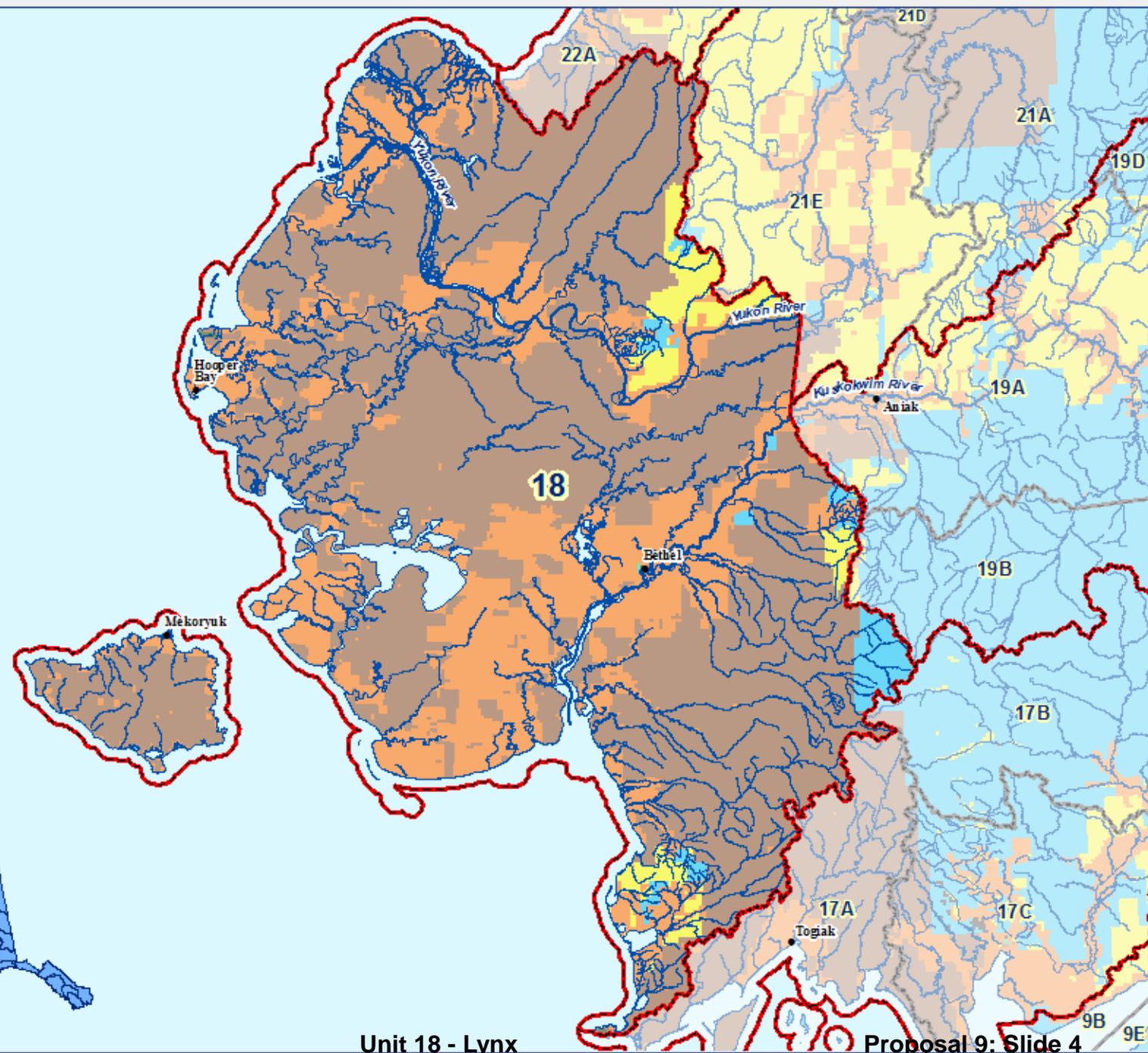
Total Harvest

Method of Take

Residency

# Unit 18 Land Status

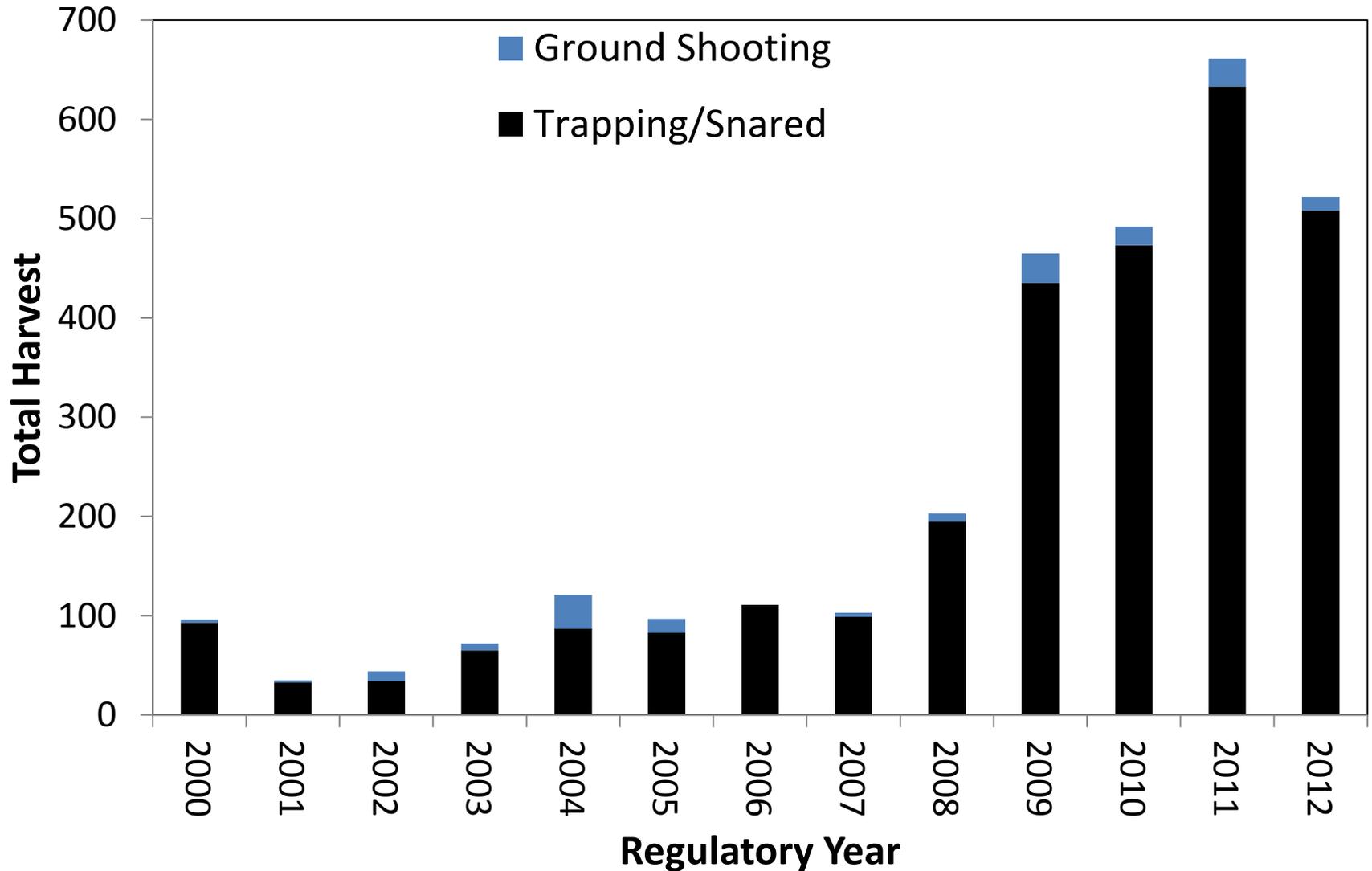
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



# Lynx Harvest in Unit 18

<b>Year</b>	<b>Ground Shooting</b>	<b>Trapping/ Snared</b>	<b>Total Harvest</b>
2000	3	93	96
2001	2	33	35
2002	10	34	44
2003	7	65	72
2004	34	87	121
2005	14	83	97
2006	0	111	111
2007	4	99	103
2008	8	195	203
2009	30	435	465
2010	19	473	492
2011	28	633	661
2012	14	508	529

# Lynx Harvest – Method



# Questions ?

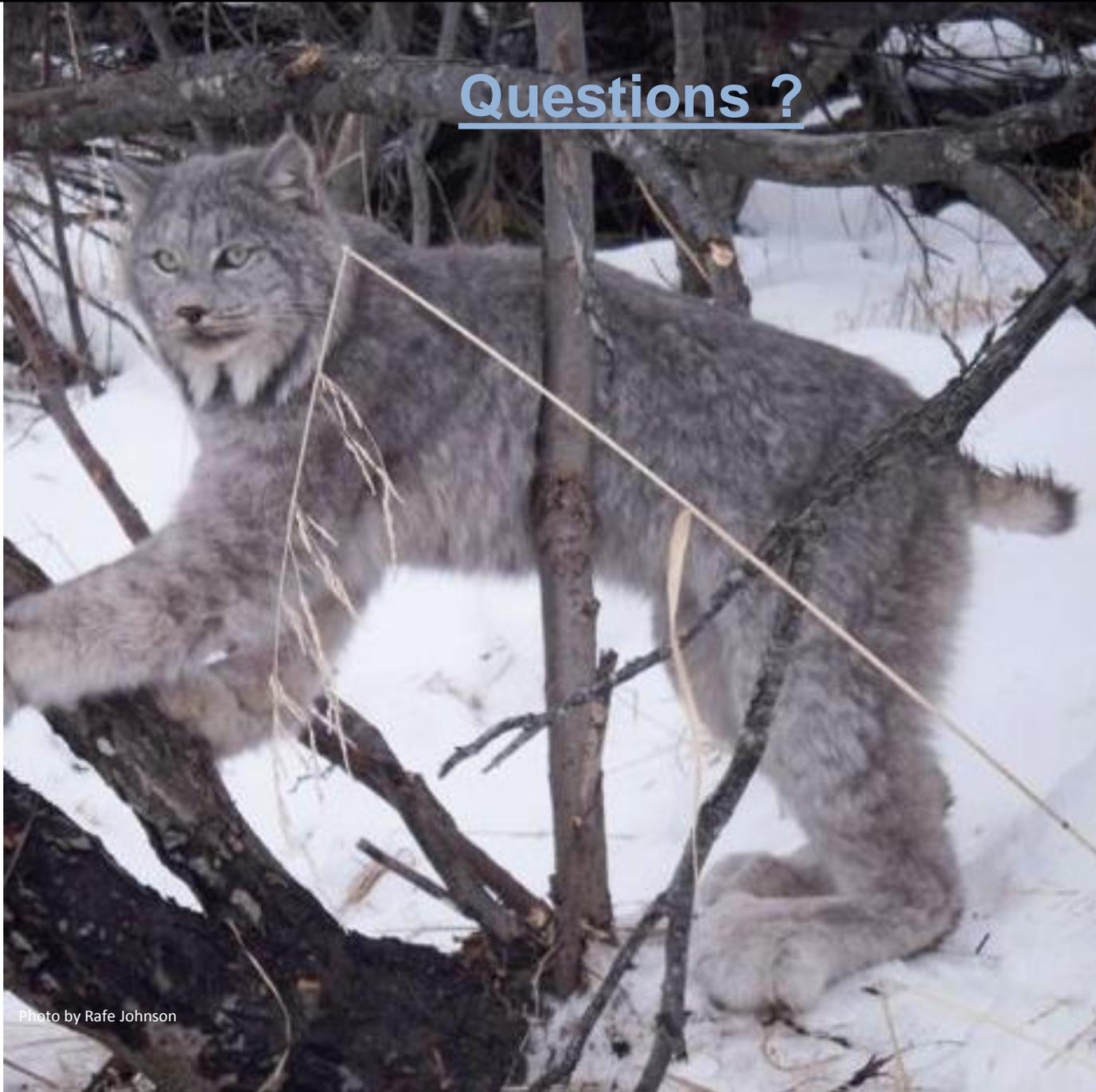


Photo by Rafe Johnson

# Proposal 10: Units 18, 19, 21 Boundary

This proposal would change the unit descriptions of Unit 18, 19A and 21E. Create new boundaries in the area surrounding Paimiut to Kalskag/Lower Kalskag.

This is a Central Kuskokwim AC proposal.

This proposal is the same as Proposal 67 scheduled for the Interior Region meeting in February 2014.

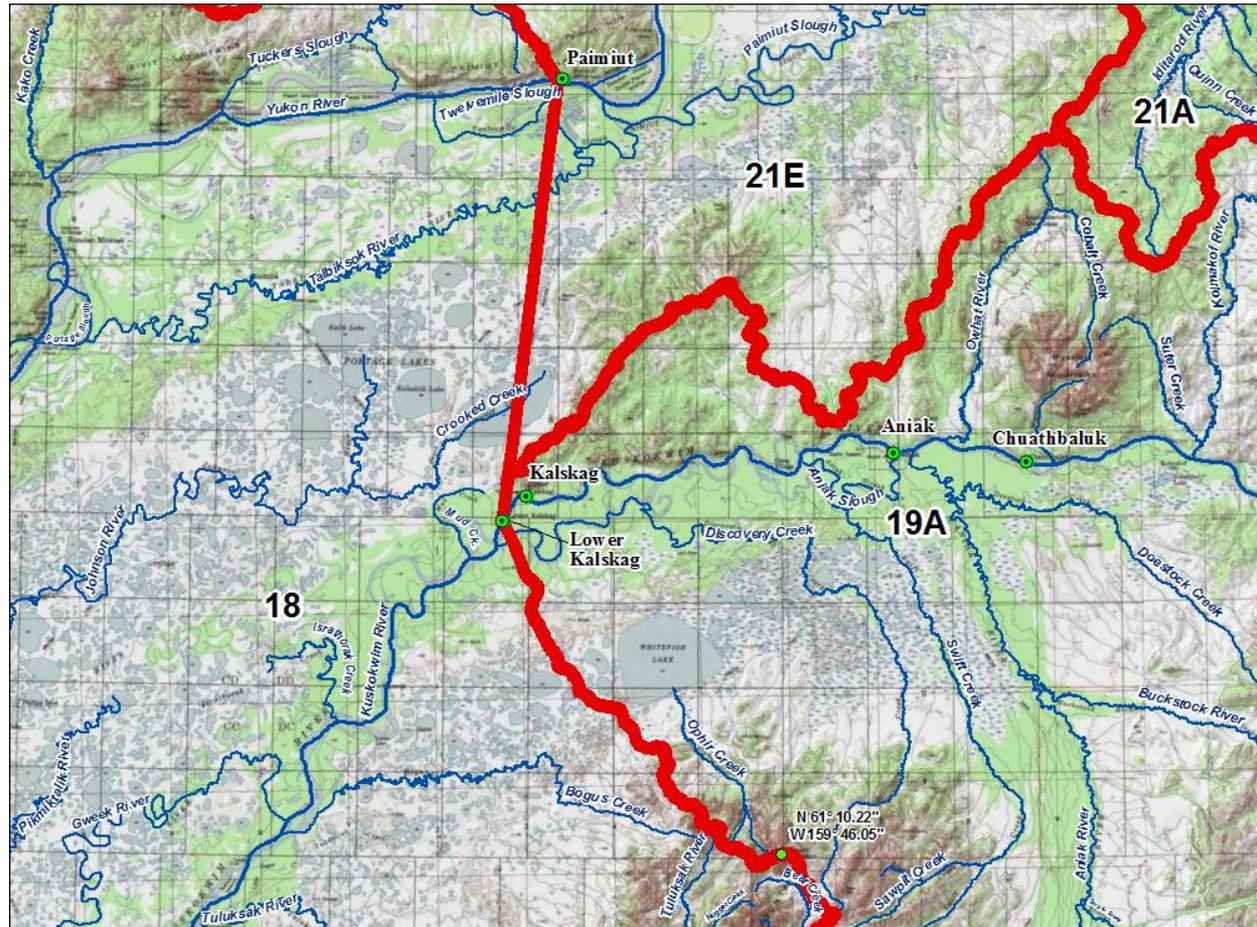
Department Recommendation: Neutral

Unit 18 Advisory Committees Recommendation:

Central Bering Sea AC.....	<u>Oppose</u>
Lower Yukon AC.....	<u>No Action</u>
Lower Kuskokwim AC.....	<u>Amend</u>

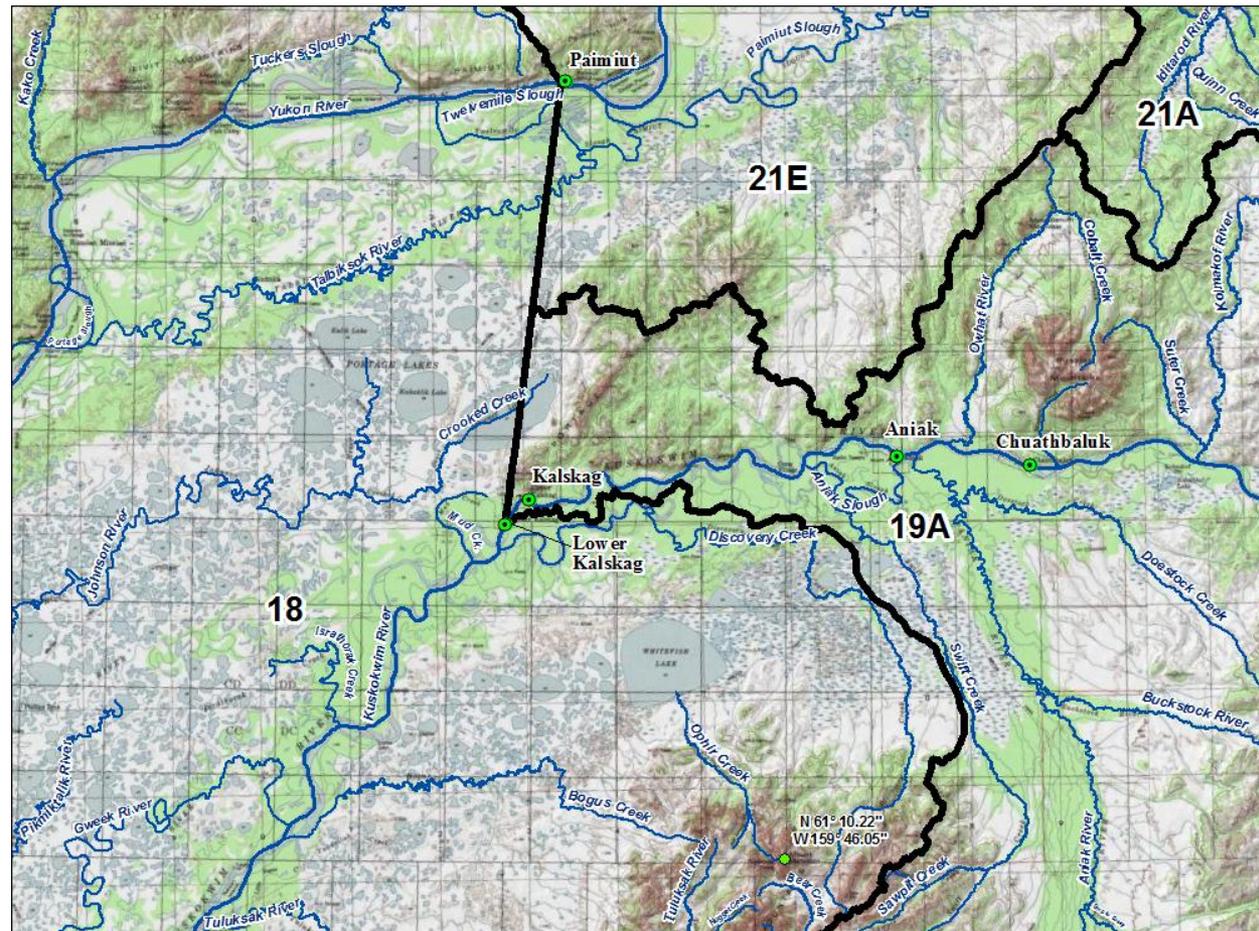
# Current 'Published' Map

Game Management Unit 18 consists of that area draining into the Yukon and Kuskokwim Rivers downstream from a straight line drawn between Lower Kalskag and Paimiut and the drainages flowing into the Bering Sea



# Map of Current Codified Regulations

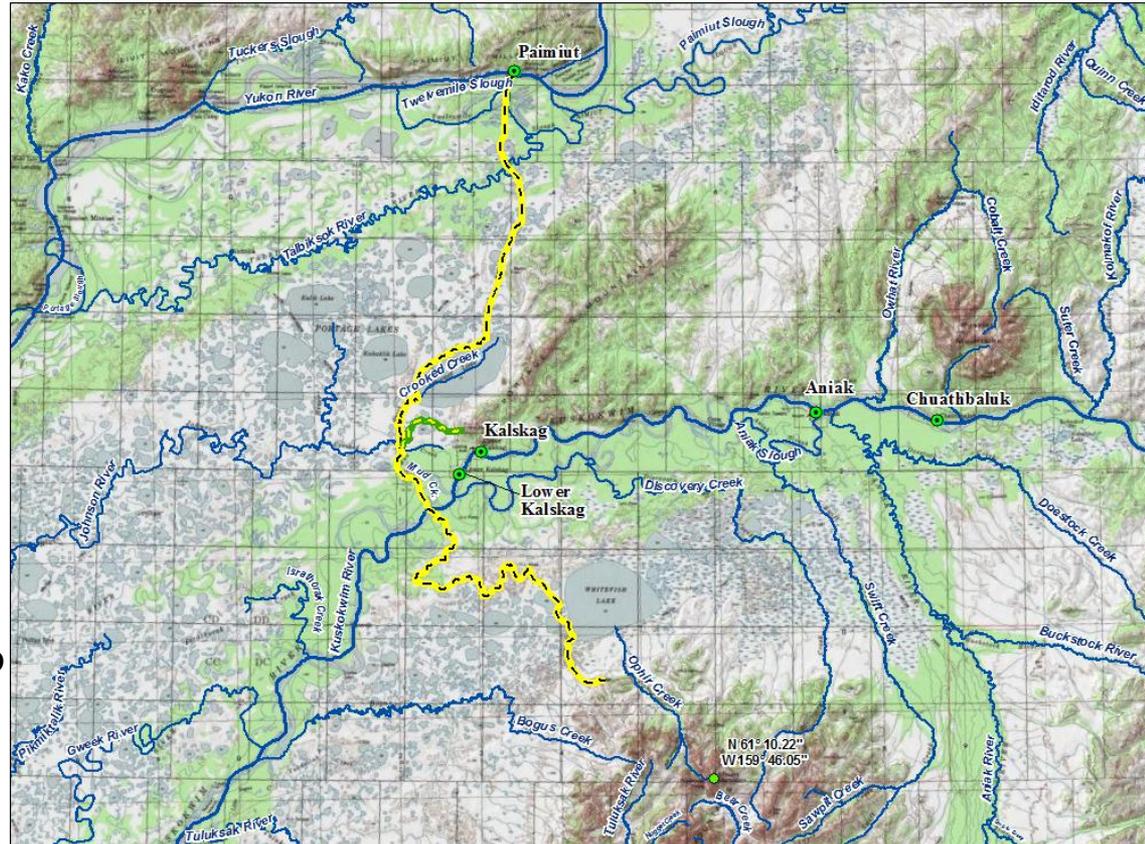
Game Management Unit 18 consists of that area draining into the Yukon and Kuskokwim Rivers downstream from a straight line drawn between Lower Kalskag and Paimiut and the drainages flowing into the Bering Sea....



**Unit 18:** The area draining into the Yukon River downstream from a line starting at the down river boundary of Paimiut on the north bank of the Yukon River then across the river to the south bank to the northern terminus of the Paimiut Portage, proceed south through the Portage to the mouth of Hooking Creek on the northeast corner of Arhymot Lake, follow the northern and western bank of the lake to the head of Crooked Creek, follow the north bank of the creek downstream to the northern terminus of the Crooked Creek to Mud Creek Tramway, follow the tramway south to Mud Creek, follow its west bank downstream to First Slough, follow the west bank of the slough downstream to its confluence to the Kuskokwim River,

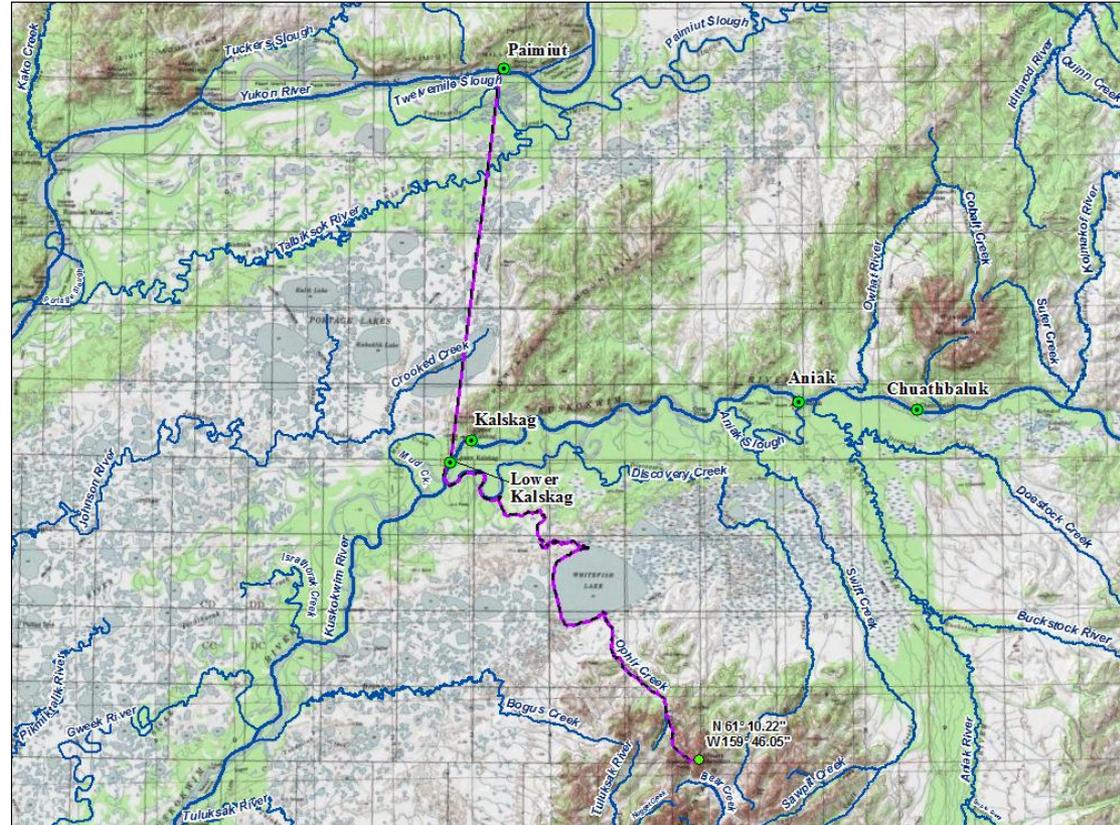
# Proposal 10

## Original Language



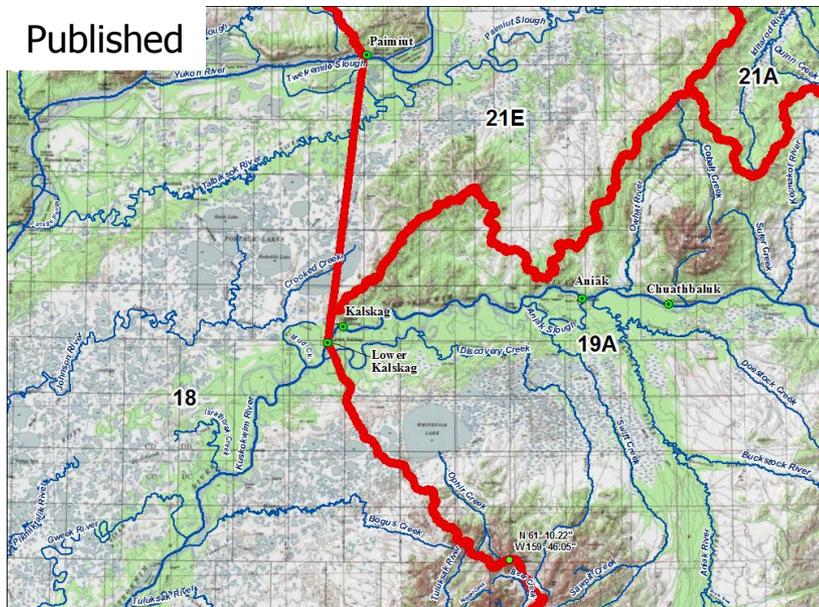
# Lower Kuskokwim AC Amendment

Unit 18 is west of a straight Paimiut to Lower Kalskag, along the north bank of the Kuskokwim River downstream of a point directly across from the mouth of the old river, then following the south bank of the old river to Igyalleq Creek, up Igyalleq Creek to Whitefish Lake, along the west shore of Whitefish Lake to Ophir Creek and up Ophir Creek to the headwaters at N 61° 10.177' W 159° 46.507'

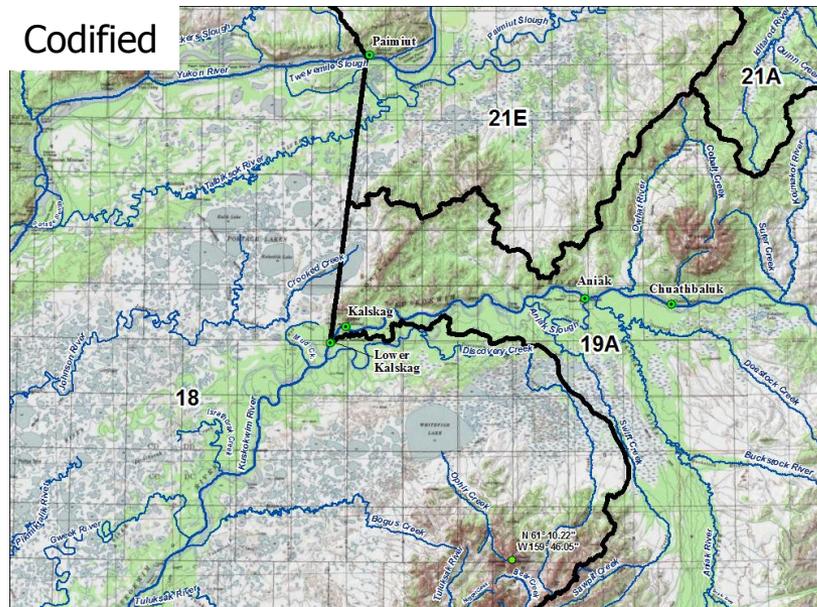


# Boundary Comparisons

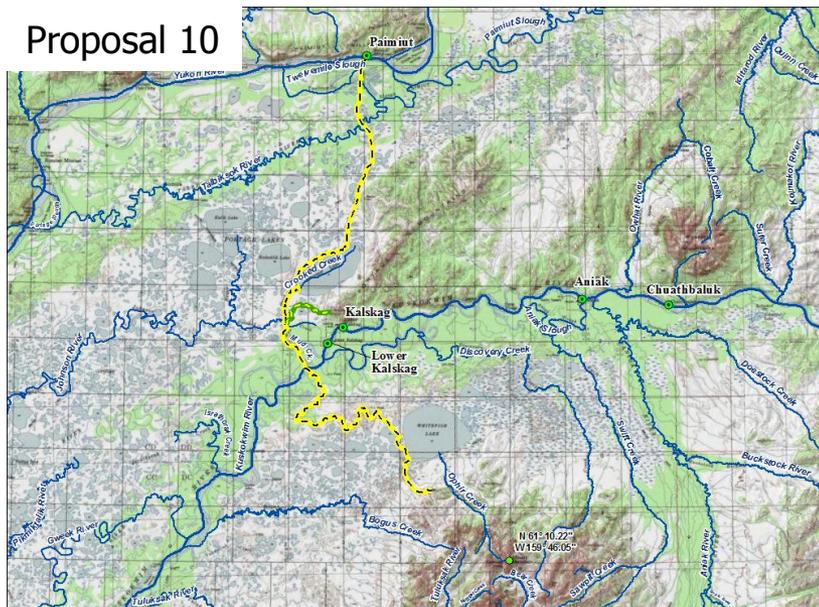
Published



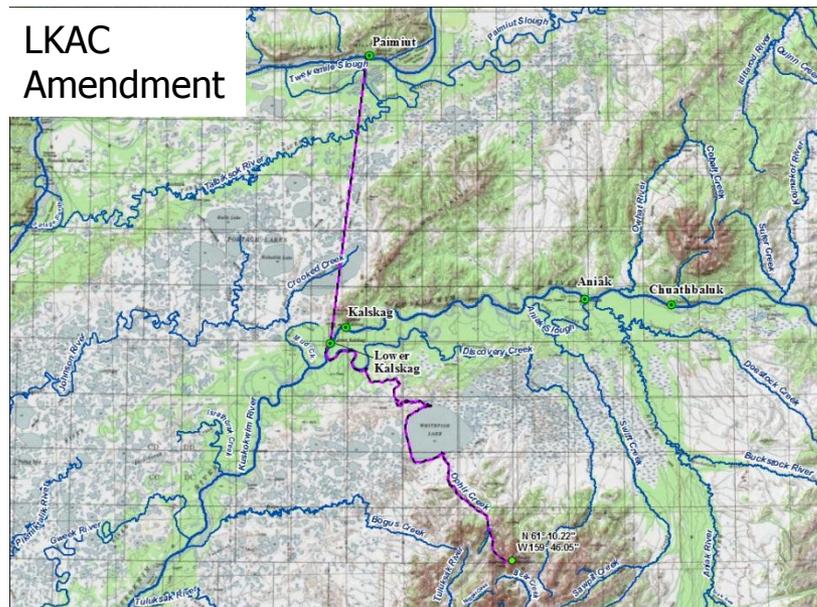
Codified



Proposal 10



LKAC Amendment



# Effects on Moose Hunts

## **Unit 18 Remainder:**

Harvest Ticket (Yukon River)

Aug. 10 – Sept. 30 (antlered bull)

Dec. 20 – end of Feb. (any moose)

## **Unit 18 Kuskokwim Hunt Area:**

Registration Permit (RM615)

Sept. 1 – Sept. 10 (antlered bull)

## **Unit 19A:**

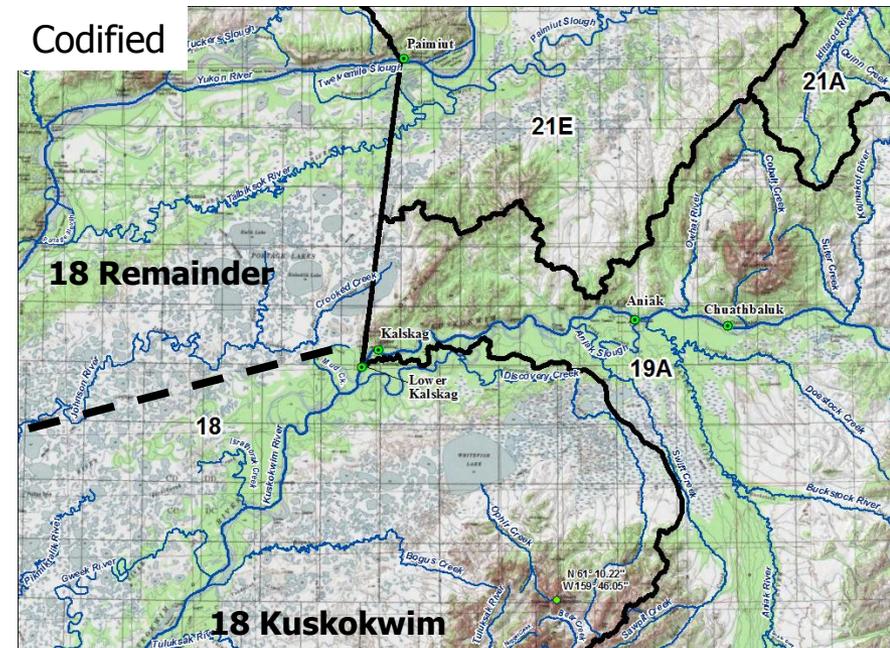
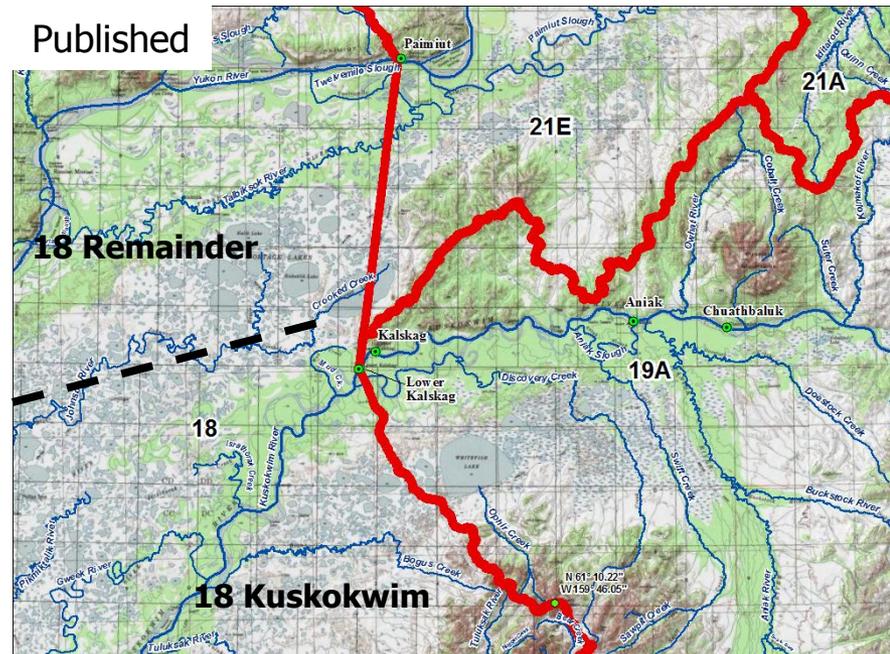
Tier II Permit (TM680)

Sept. 1 – Sept. 20 (antlered bull)

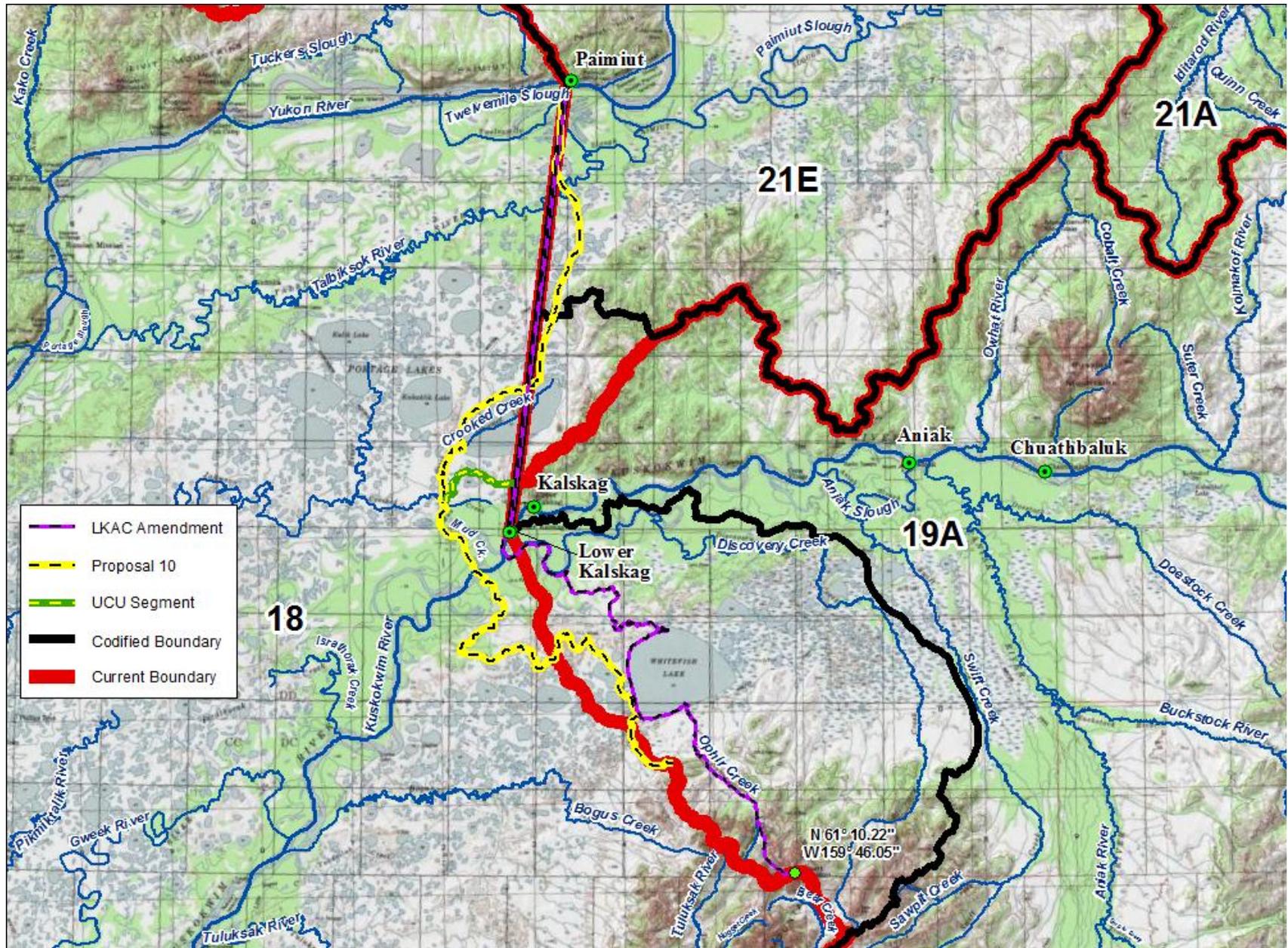
## **Unit 21E:**

Harvest Ticket

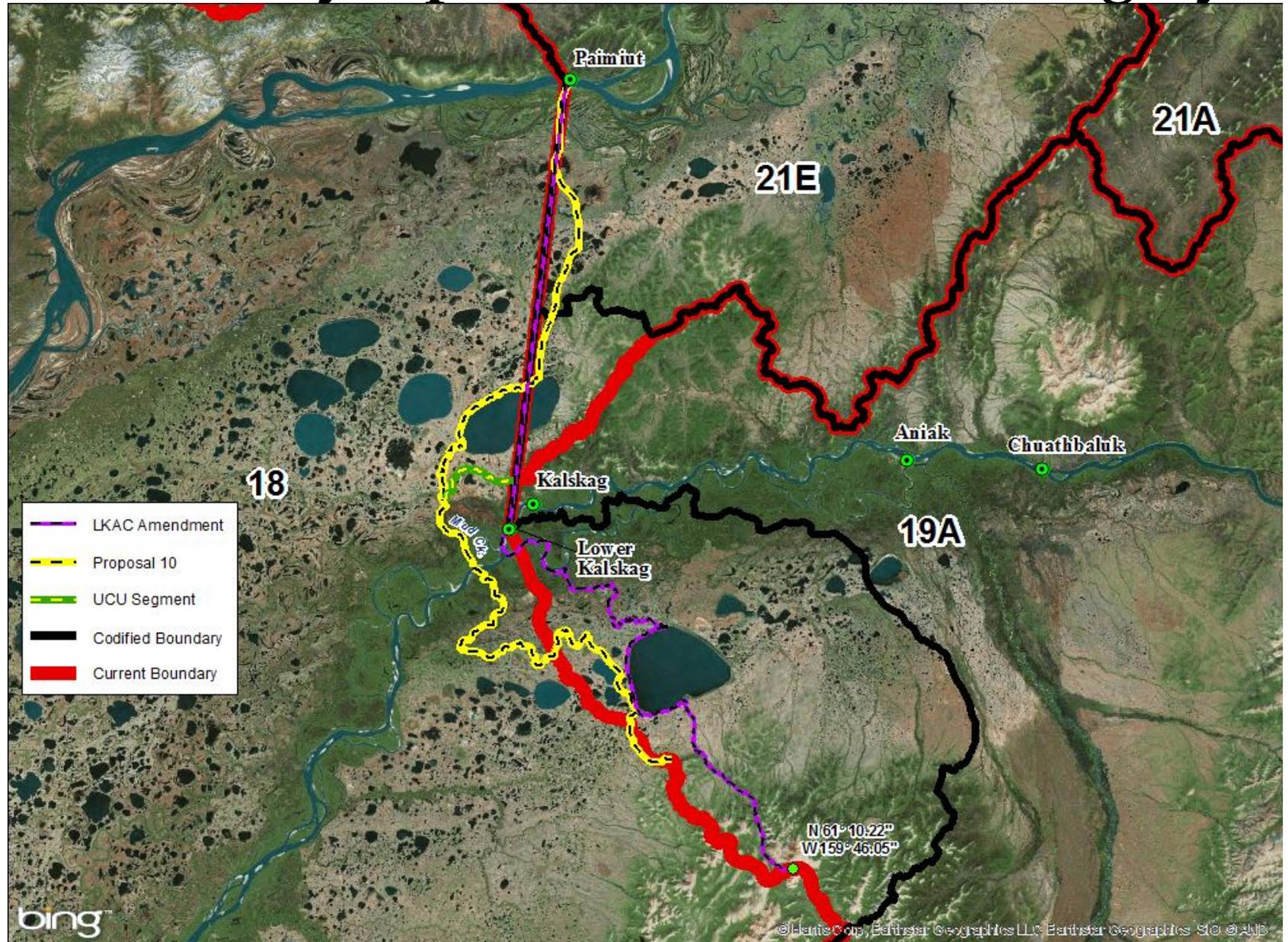
Sept. 5 – Sept. 25 (antlered bull)



# All Boundary Options



# Boundary Options on Satellite Imagery



**- End -**

**Questions?**

# Proposal 11: Unit 18 Rifle Caliber

This proposal prohibits the use of .22 caliber firearms to take big game other than wolves and wolverines in Unit 18.

This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

- Central Bering Sea AC ..... **Oppose**
- Lower Kuskokwim AC ..... **Oppose**
- Lower Yukon AC ..... **Support**

# 5 AAC 92.085 – Unlawful Methods

## Current Regulation

The following methods and means of taking big game are prohibited in addition to the prohibitions in 5 AAC 92.080:

- (1) with the use of a firearm other than a shotgun, muzzleloader, or rifle or pistol using a center-firing cartridge, except that ...

Proposed Regulation *The intent of the regulation is:*

- (1) with the use of a firearm other than a shotgun, muzzleloader, or rifle or pistol using a center-firing cartridge, except that **in Unit 18, big game not including wolf and wolverine may only be taken with calibers larger than 22 caliber** ...

# Background

Firearm and caliber restrictions may be:

- Method-based (e g. muzzleloader)
- Unit-based (e g. Unit 18 nontoxic shot for taking game)
- Statewide (e g. center-firing cartridges for taking big game)

Reducing wounding loss is a major consideration for restrictions

Small calibers....

- Leave little room for error with shot placement
- If used correctly, can be effective at taking big game
- Commercial ammunition may not be appropriate
- Rifles are popular and easily accessible to hunters
- May allow more youth hunt opportunities

**– End –**

**Questions?**

# Proposal 12: Unit 18 Wildfowl

This proposal changes the salvage requirement for wildfowl in Unit 18 to include all edible portions of migratory and upland birds, except the wingtip, feathers and non-edible entrails.

This is a public proposal.

Department Recommendation: **Neutral**

Unit 18 Advisory Committee Recommendations:

Central Bering Sea AC ..... **Support**

Lower Kuskokwim AC ..... **Amend**  
same as Proposal 152

Lower Yukon AC ..... **Support**

# **5 AAC 92.220. Salvage of Game Meat**

## **Current Regulations**

### **5 AAC 92.220. Salvage of game meat, furs, and hides**

...

(d) A person taking game not listed in (a) of this section shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990. In addition, ...

### **5 AAC 92.990. Definitions**

...

(17) "edible meat" means, ... in the case of wild fowl, the meat of the breast; however, "edible meat" of big game or wild fowl does not include meat of the head, meat that has been damaged and made inedible by the method of taking, bones, sinew, incidental meat reasonably lost as a result of boning or a close trimming of the bones, or viscera;

# Proposed Regulation

Proposal 12: Require salvage of all meat of the skeleton.

Lower Kuskokwim AC Amendment: same as Statewide Proposal 152

Proposal 152:

(17) "edible meat" means, in the case of **wildfowl** or a big game animal, except a black bear, the meat of the ribs, neck, brisket, front quarters as far as the distal joint of the radius-ulna (knee), hindquarters as far as the distal joint of the tibia-fibula (hock), and the meat along the backbone between the front and hindquarters; in the case of a black bear, the meat of the front quarters and hindquarters and meat along the backbone (backstrap); [IN THE CASE OF WILD FOWL, THE MEAT OF THE BREAST;] however, "edible meat" of big game or wild fowl does not include meat of the head, meat that has been damaged and made inedible by the method of taking, bones, sinew, incidental meat reasonably lost as a result of boning or a close trimming of the bones, or viscera;

# Background

- Salvage regulations normally considered at statewide meetings
- Response to local event in Unit 18 where only the 'meat of the breast' was salvaged from a number of swans
- Strong community reaction about unacceptable waste.
- This proposal attempts to make salvage requirements consistent with regional cultural and traditional practices in Unit 18.
- Current regulations define the *minimum* statewide standards
- Hunters may salvage additional parts of the birds they harvest.
- Proposal 152, suggested as an AC amendment is scheduled for the Statewide Meeting, March 2014

**– End –**

**Questions?**