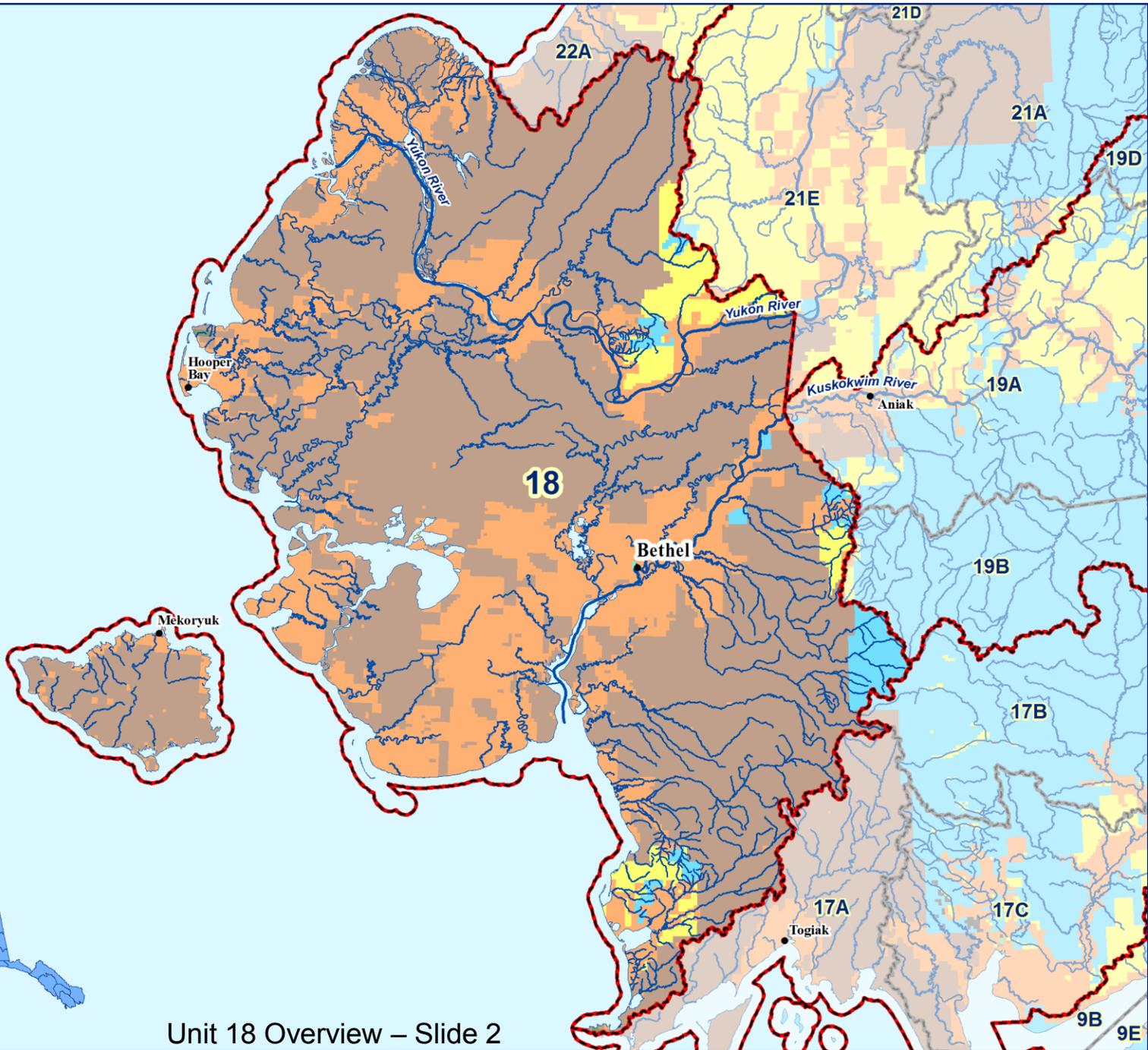




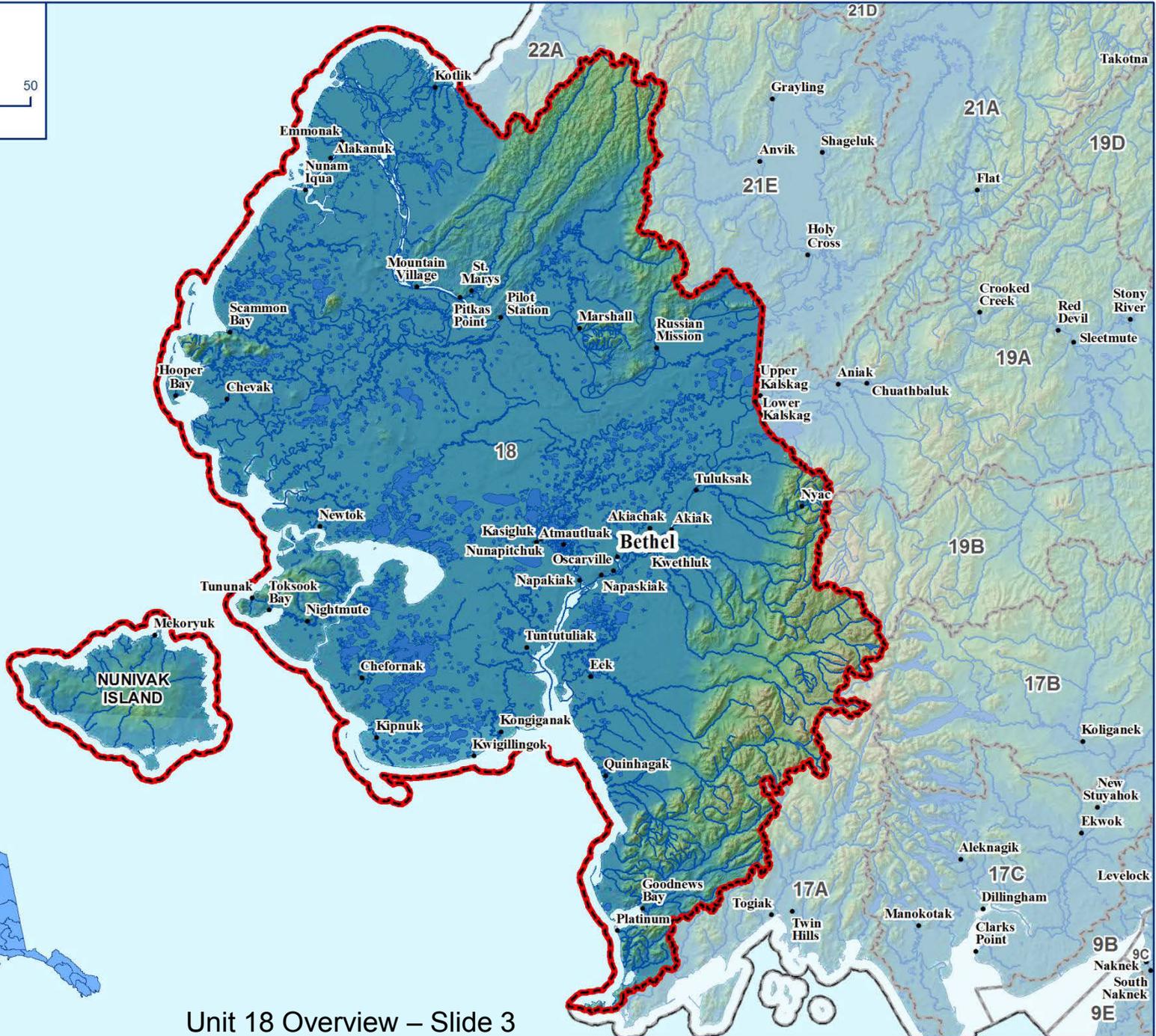
# Unit 18 Land Status

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



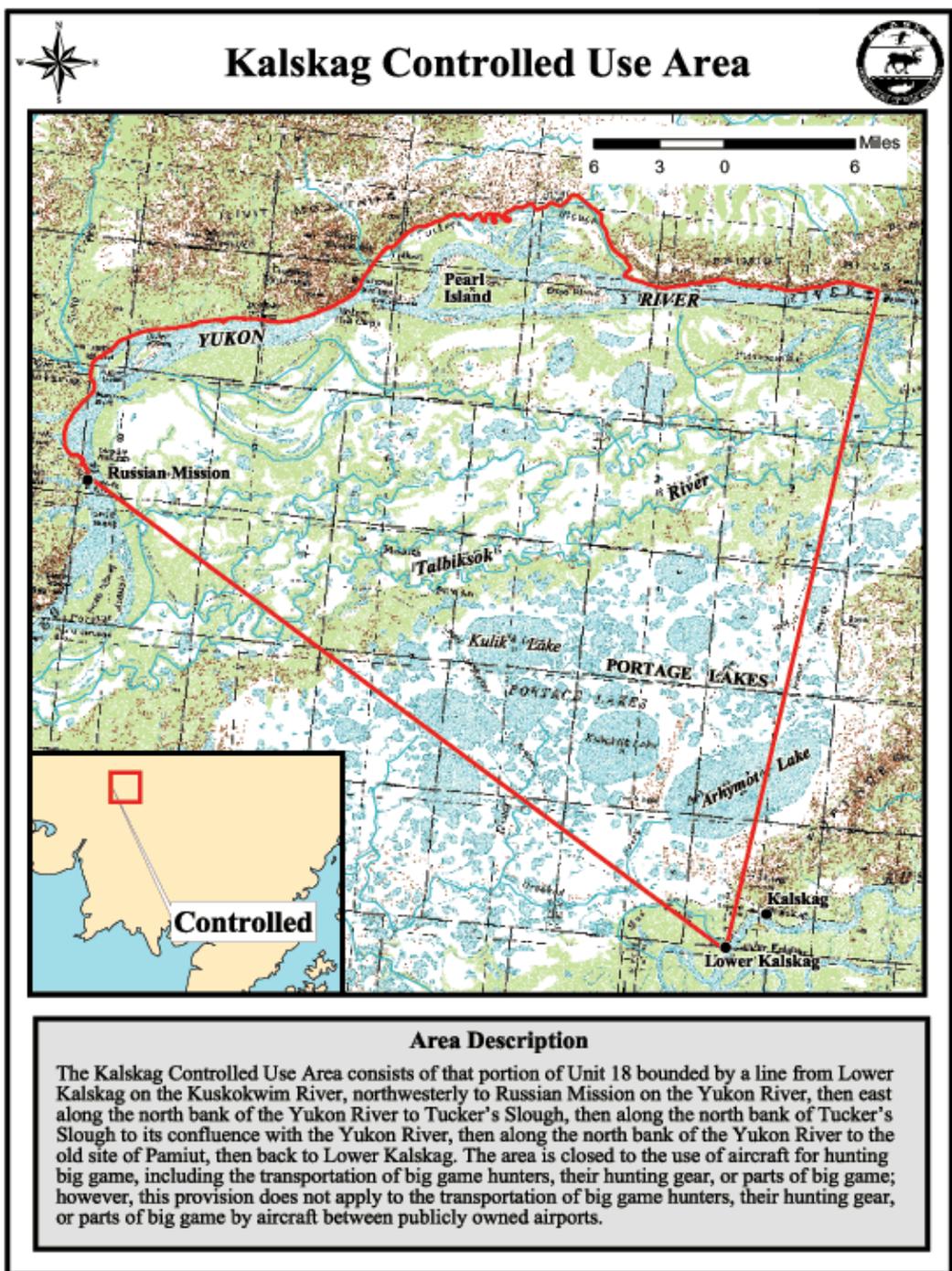
Unit 18 Overview – Slide 2

# Unit 18



Unit 18 Overview – Slide 3

# Kalskag CUA



# Unit 18 Moose Hunt Area



- ① Kuskokwim drainage
- ② South of Eek drainage
- ③ Goodnews drainage
- ④ Below Mtn. Village
- ⑤ Remainder



# Moose Population GMU 18

## Yukon River Drainage (3 count areas)

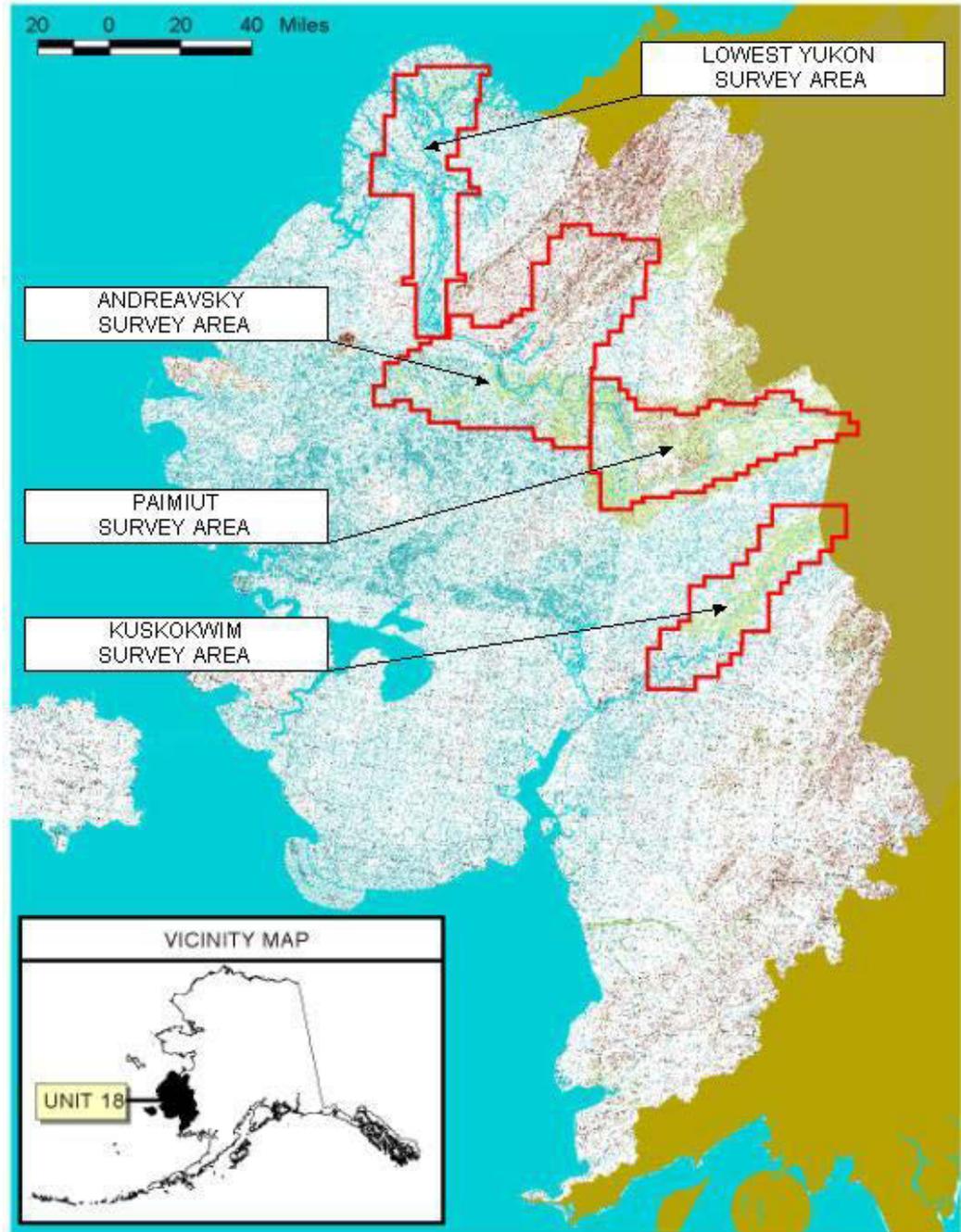
- Lowest Yukon  
3320 ±13% (2008)
- Andreafsky(middle Yukon)  
619 (2010 min count)
- Paimiut  
3614 ±18%(2006)

## Kuskokwim River and Drainages

- Mainstem Kuskokwim  
672 ±21% (2011)
- Tributaries  
340 (2009)

## South of the Kuskokwim

- Goodnews Drainage  
194 (2011)



## **2011 Moose Population**

**Unit 18 estimate = 9047 moose**  
**Harvestable surplus = 724 – 1288 moose**

## **Subsistence**

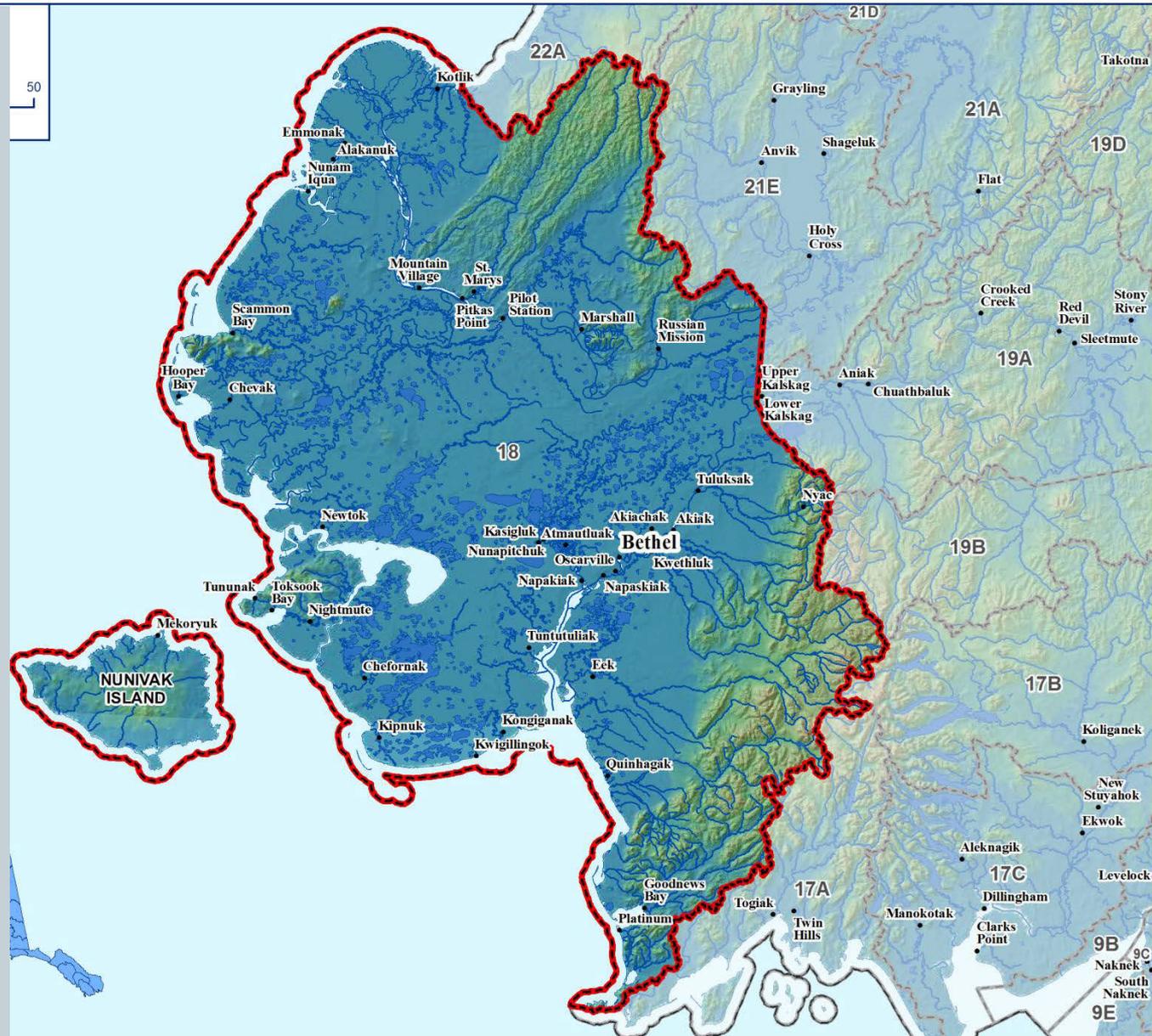
**Amount necessary = 100 – 200 moose**

## **Intensive Management**

**Population objective = 1,000 – 2,000 moose**  
**Harvest objective = 60 – 200 moose**

# Muskox Populations In Unit 18

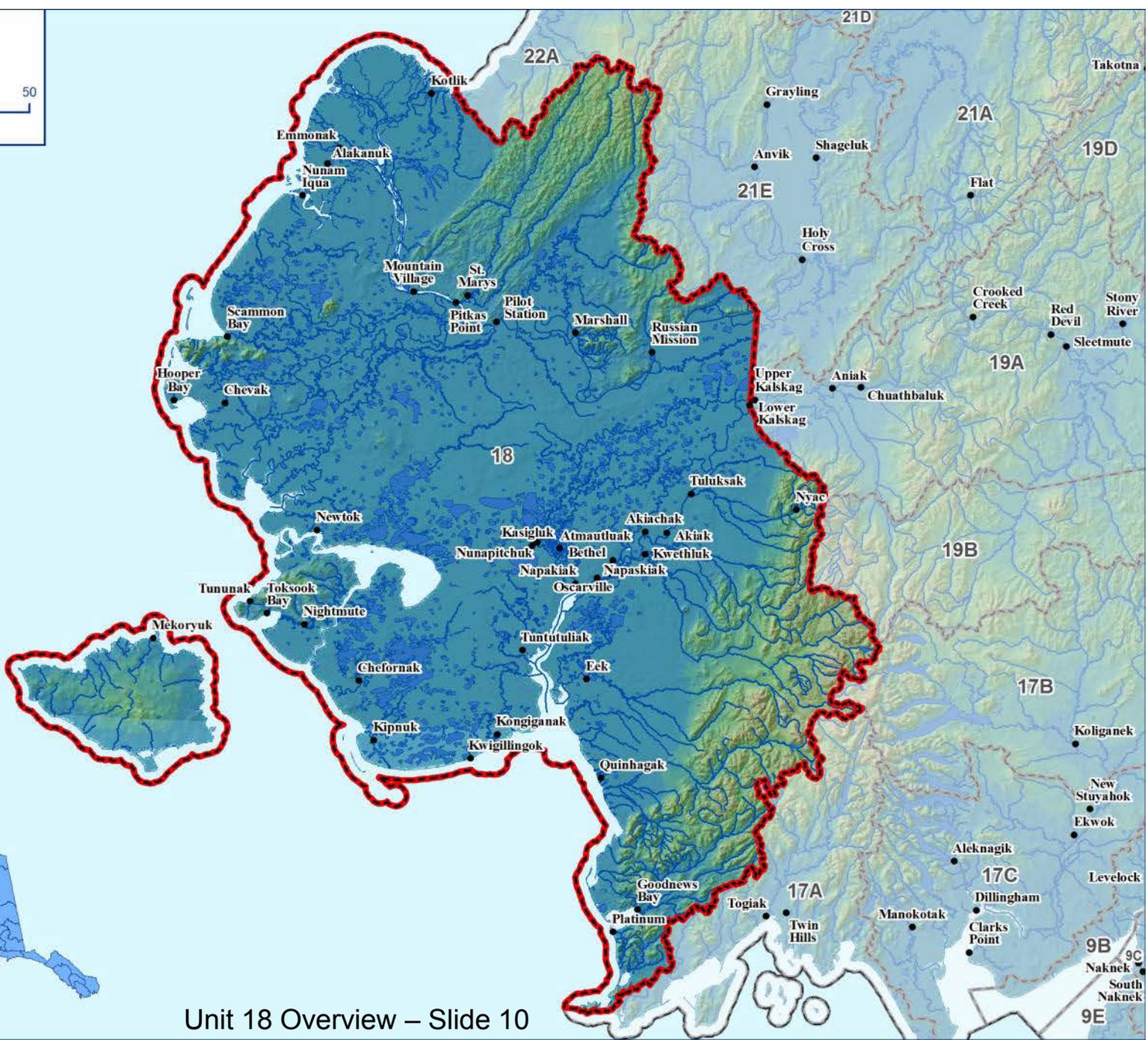
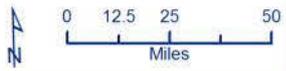
- Nunivak
  - October 2011 count of 453
- Nelson Island
  - September 2010 count of 574
- Mainland
  - Anecdotal evidence as of Spring 2011- 100 to 150



# **Black Bear GMU 18**

- **Black Bear Harvest tickets**
- **Not required/No sealing requirements**
- **Harvest is low and opportunistic, with little directed pressure.**

# Unit 18



Unit 18 Overview – Slide 10

# **Proposal 1: Muskox drawing permits**

EFFECT OF THE PROPOSAL: This proposal increases the number of available drawing permits to 'up to 100 permits' for the spring bull musk ox drawing hunt on Nunivak island in Unit 18.

This is a department proposal.

Department Recommendation: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee,
- Lower Kuskokwim Advisory Committee

# Proposal 1: Muskox drawing permits

## Current Regulation (Units and Bag limits)

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 50 permits to be issued for the spring season; or 1 cow by registration permit only, with up to 60 permits for cow to be issued on a first-come, first served basis.

## Proposed Regulation (Units and Bag limits)

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 cow to be issued on a first-come, first served basis.

# Proposal 1: Muskox drawing permits

## DX003 Hunt Area



U:\WC\logmaps\Reg\_V\_11\Nov\_2011\Fa\_Jones\Nunivak\_Island.mxd\_10/25/2011\_skt

# Proposal 1: Muskox drawing permits

## Bull muskox permits and harvest, Nunivak , 2000-2010

Year	DX001 Fall Permits <u>(Season: Sept 1- Sept 30)</u>		DX003 Winter Permits <u>(Season: Feb 1- Mar 15)</u>		Total Harvest
	Issued	Harvest	Issued	Harvest	
00-01	9	9	35	36	46
01-02	7	7	39	38	45
02-03	8	8	37	36	45
03-04	10	6	35	38	44
04-05	10	9	35	34	43
05-06	10	5	39	34	39
06-07	10	3	40	26	29
07-08	10	3	53	35	38
08-09	10	7	39	32	39
09-10	10	5	46	51	44
10-11	10	6	60	41	47

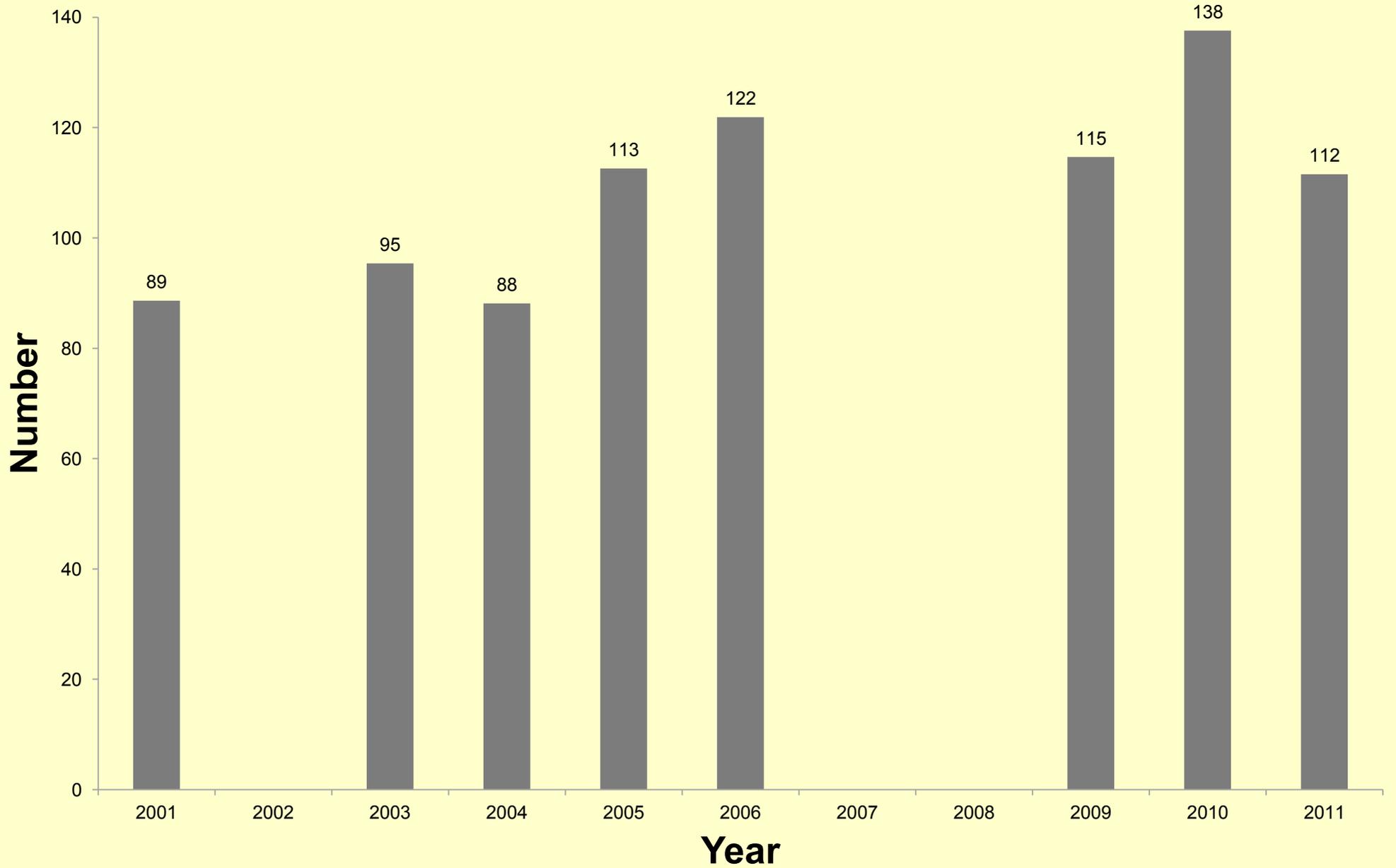
# Proposal 1: Muskox drawing permits

## Muskox composition summary, Nunivak , 2000-2010

Year	B3	C3	B2	Yrl	Ca	Unk	Total
2000					102	526	628
2001	148	167	56	115	94	29	609
2002*							
2003	166	174	27	113	115	62	657
2004	156	177	40	113	112	40	638
2005	161	143	13	91	110	70	588
2006	156	128	38	68	91	100	615
2007*							
2008*							
2009	203	177	35	41	98	13	567
2010	172	125	32	65	84	39	517
2011	145	130	32	59	63	23	452
* = incomplete or no survey							

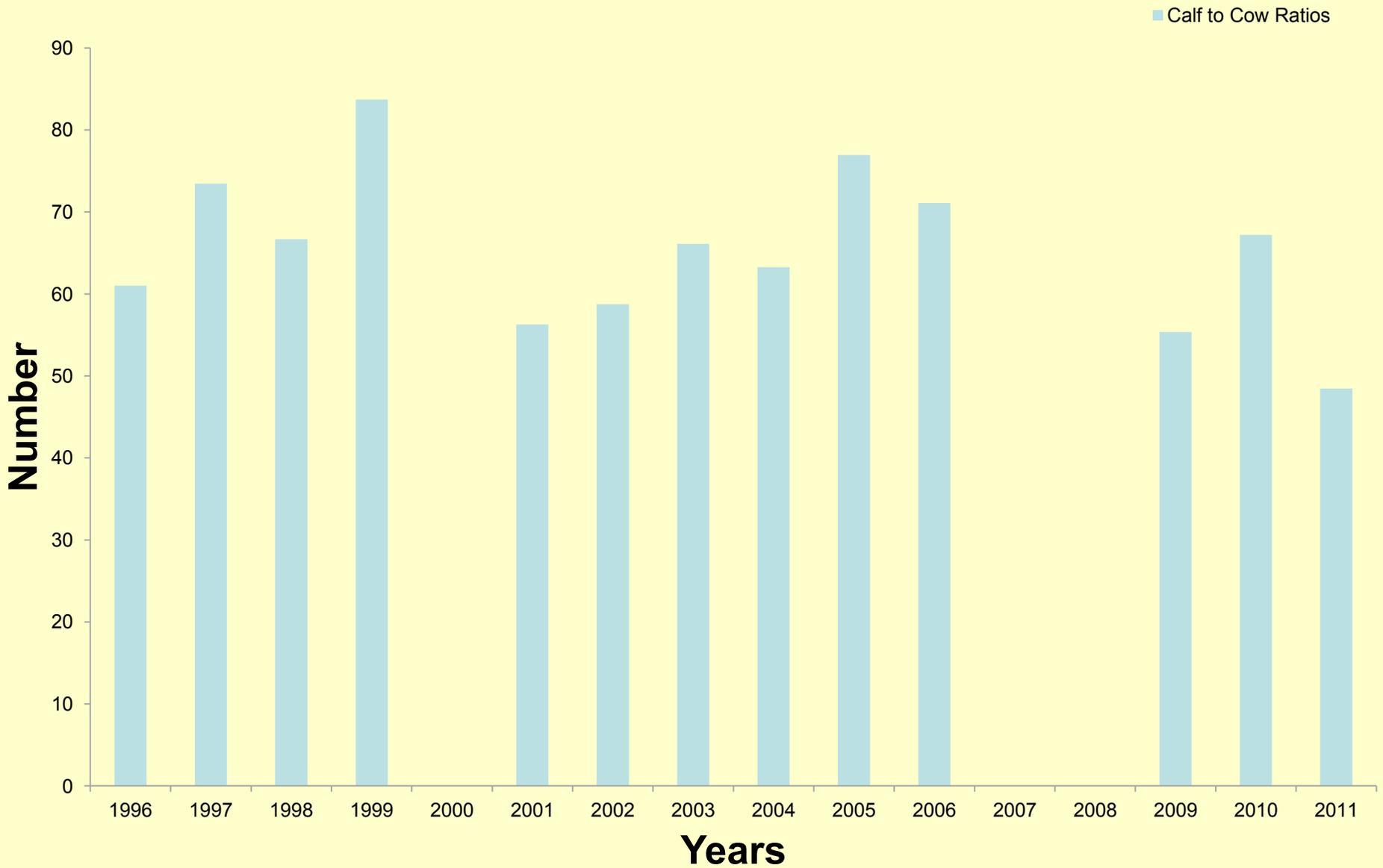
# Proposal 1: Muskox drawing permits

## Nunivak Island Mature Bull: Cow Ratios



# Proposal 1: Muskox drawing permits

## Calf :100 Mature Cow



# Proposal 1: Muskox drawing permits

Questions??

## **Proposal 2: Nunivak cow muskox permits**

EFFECT OF THE PROPOSAL: This proposal seeks to have all cow musk ox registration permits for Nunivak island issued only in the village of Mekoryuk.

This is a public proposal from Cupiq Native Village of Mekoryuk.

Department Recommendation: **Do Not Adopt.**

Supported by:

- Central Bering Sea Advisory Committee,

Opposed by:

- Lower Kuskokwim Advisory Committee

# **Proposal 2: Nunivak cow muskox permits**

## **Current Regulation (if not changed in Proposal 1)**

### Units and Bag limits

#### 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 50 permits to be issued for the spring season; or 1 cow by registration permit only, with up to 60 permits for cow to be issued on a first-come, first served basis.

# Nunivak Cow Musk Ox RX060, RX061 Hunt Area



U:\WC\logmaps\Reg\_V\_11\Nov\_2011\FaJones\NunivakIsland.mxd\_10/25/2011\_skt

# Cow muskox permits and harvest, Nunivak , 2000-2011

Year	<b>RX060 Fall Permits</b> <b><u>(Season: Sept 1- Sept 30)</u></b>		<b>RX061 Winter Permits</b> <b><u>(Season: Feb 1- Mar 15)</u></b>		<b>Total Harvest</b>
	<b>Issued</b>	<b>Harvest</b>	<b>Issued</b>	<b>Harvest</b>	
<b>00-01</b>	<b>3</b>	<b>3</b>	<b>42</b>	<b>40</b>	<b>43</b>
<b>01-02</b>	<b>5</b>	<b>1</b>	<b>40</b>	<b>39</b>	<b>40</b>
<b>02-03</b>	<b>5</b>	<b>4</b>	<b>40</b>	<b>40</b>	<b>44</b>
<b>03-04</b>	<b>5</b>	<b>4</b>	<b>40</b>	<b>40</b>	<b>44</b>
<b>04-05</b>	<b>5</b>	<b>2</b>	<b>40</b>	<b>40</b>	<b>42</b>
<b>05-06</b>	<b>5</b>	<b>1</b>	<b>40</b>	<b>37</b>	<b>38</b>
<b>06-07</b>	<b>5</b>	<b>2</b>	<b>40</b>	<b>38</b>	<b>40</b>
<b>07-08</b>	<b>5</b>	<b>1</b>	<b>40</b>	<b>40</b>	<b>41</b>
<b>08-09</b>	<b>5</b>	<b>1</b>	<b>40</b>	<b>37</b>	<b>38</b>
<b>09-10</b>	<b>5</b>	<b>0</b>	<b>30</b>	<b>29</b>	<b>29</b>
<b>10-11</b>	<b>5</b>	<b>2</b>	<b>20</b>	<b>18</b>	<b>20</b>

# Registration Permit Recipients by Community

	RX060			RX061		
Regulatory year	MYU.	GMU 18	AK Resident	MYU.	GMU 18	AK Resident
2000				33	5	4
2001				33	5	2
2002	0	5	0	32	7	1
2003						
2004				25	15	0
2005	0	5	0	29	8	3
2006	0	5	0	34	6	0
2007	0	5	0	29	10	1
2008	1	2	2	34	5	1
2009	0	5	0	25	4	1
2010	1	4	0	16	4	0

# **Proposal 2: Nunivak cow muskox permits**

Questions??

## **Proposal 10: Unit 18 Moose / Electronic Calls**

EFFECT OF THE PROPOSAL. This proposal allows the use of electronic calls for the taking of moose in Unit 18.

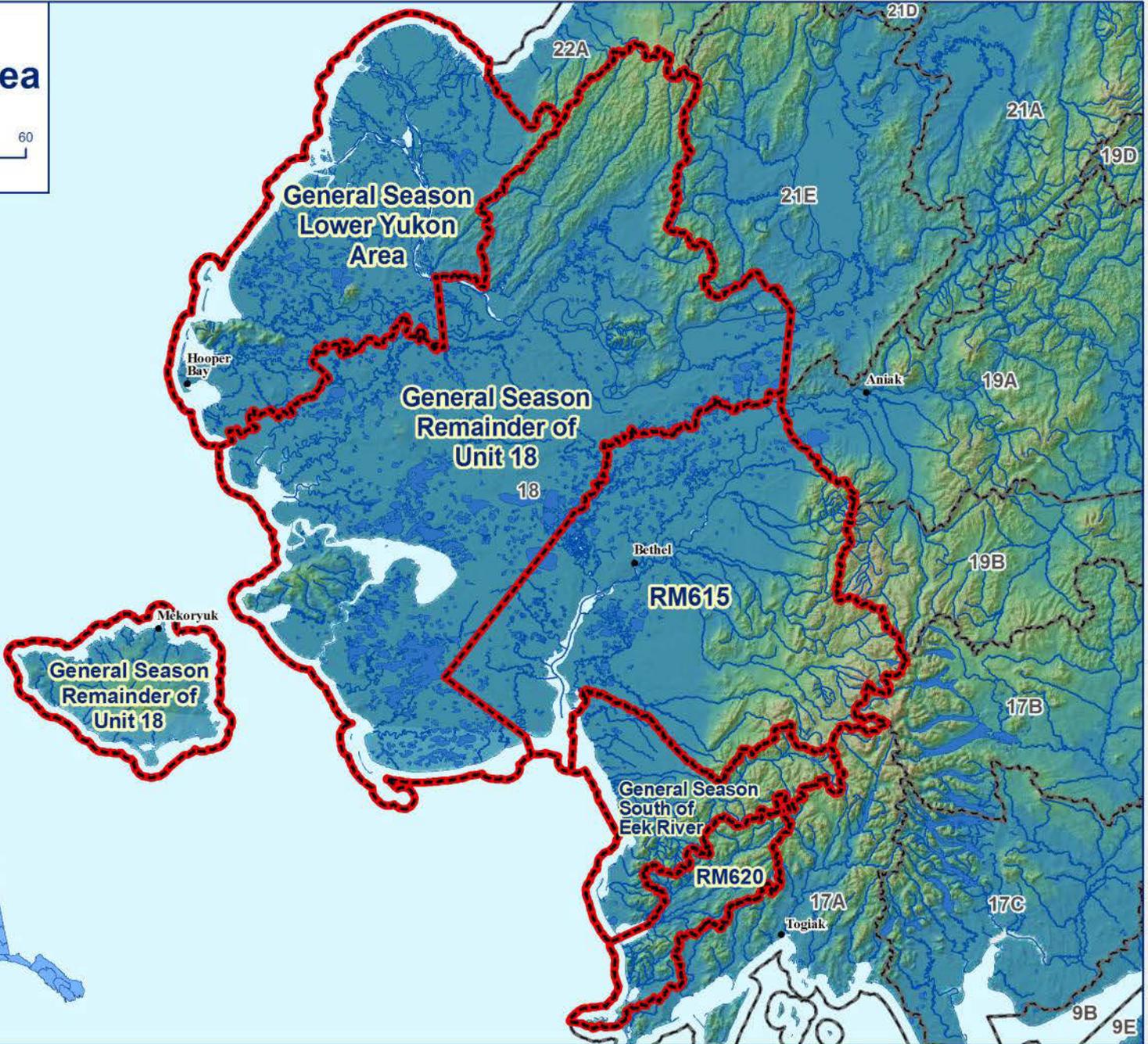
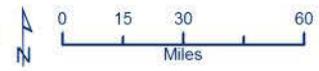
This is a public proposal.

DEPARTMENT RECOMMENDATION: **Do Not Adopt.**

Opposed by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Moose Hunt Area



U:\WC\bogmaps\RegV\_11\Nov 2011\Unit18\_moose.mxd 10/19/2011 skt

## Proposal 10: Unit 18 Moose / Electronic Calls

- Current

5 AAC 92.085 Unlawful methods of taking big game; exceptions. (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(14) taking moose with the use of an electronic call

- Proposal 10

5 AAC 92.085 Unlawful methods of taking big game; exceptions. (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(14) taking moose with the use of an electronic call; except in Unit 18

# Proposal 10: Unit 18 Moose / Electronic Calls

## Summary

- Statewide scope to prohibit the use of electronic calls
- Advances in technology have made electronic calls more effective and efficient
- Calls bring moose out of cover and into range of hunters
- Bulls are vulnerable to harvest during the rut

## **Proposal 9: Unit 18 Reauthorize Antlerless Moose**

EFFECT OF THE PROPOSAL. This proposal would reauthorize the antlerless moose hunt in the Lower Yukon Area of GMU 18.

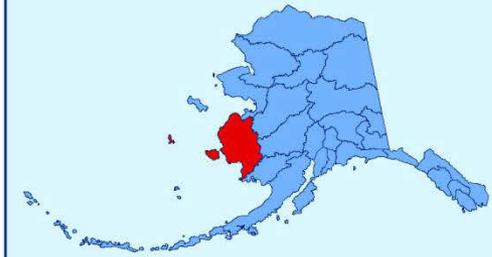
This is a Department proposal.

DEPARTMENT RECOMMENDATION: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Moose Hunt Area



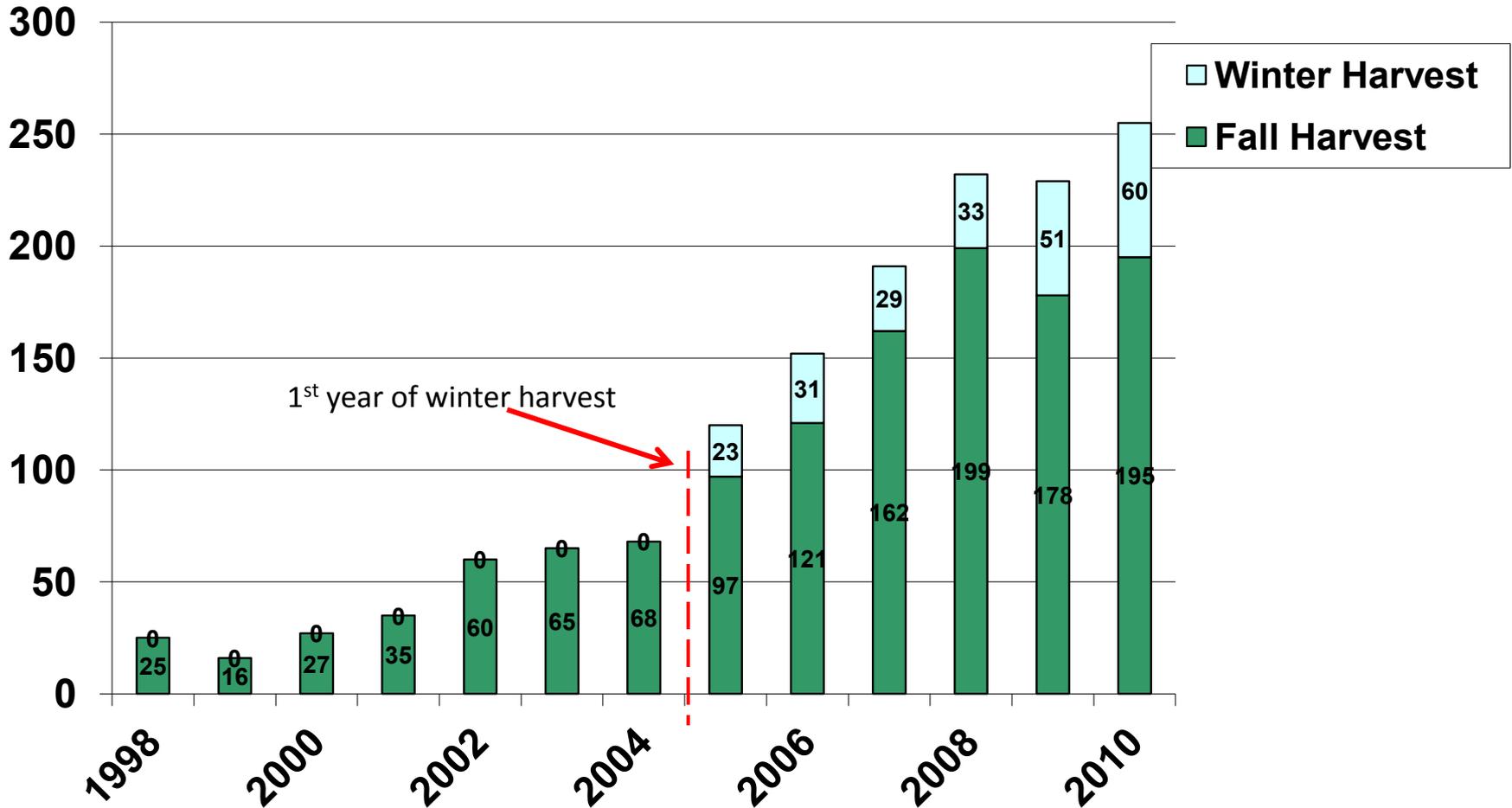
## Lower Yukon Area: Antlerless Moose Season

(if not modified in Proposal 7)

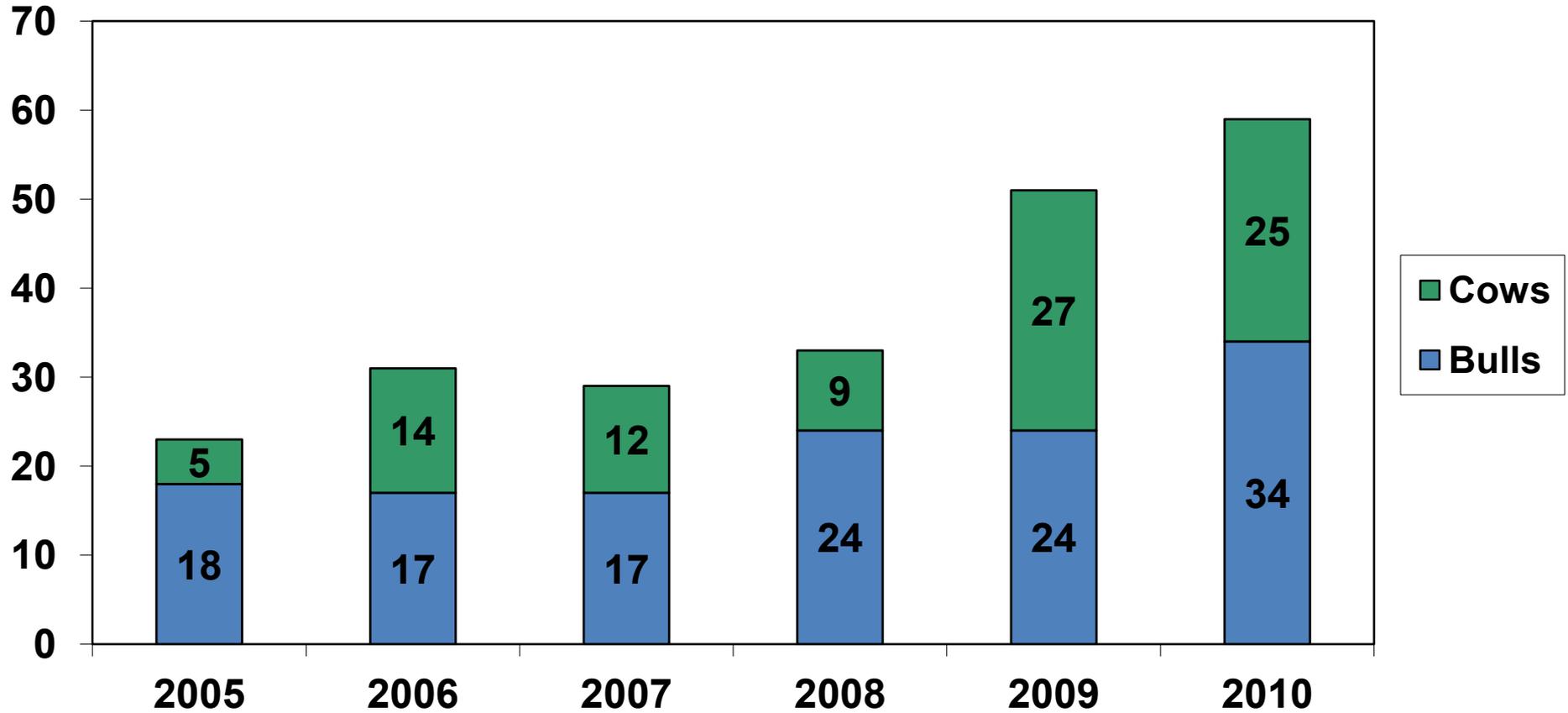
- **Current**

- 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.
- 1 antlered bull; Aug 10 – Sept 30  
or
- 1 moose; Dec 20 – Feb 28

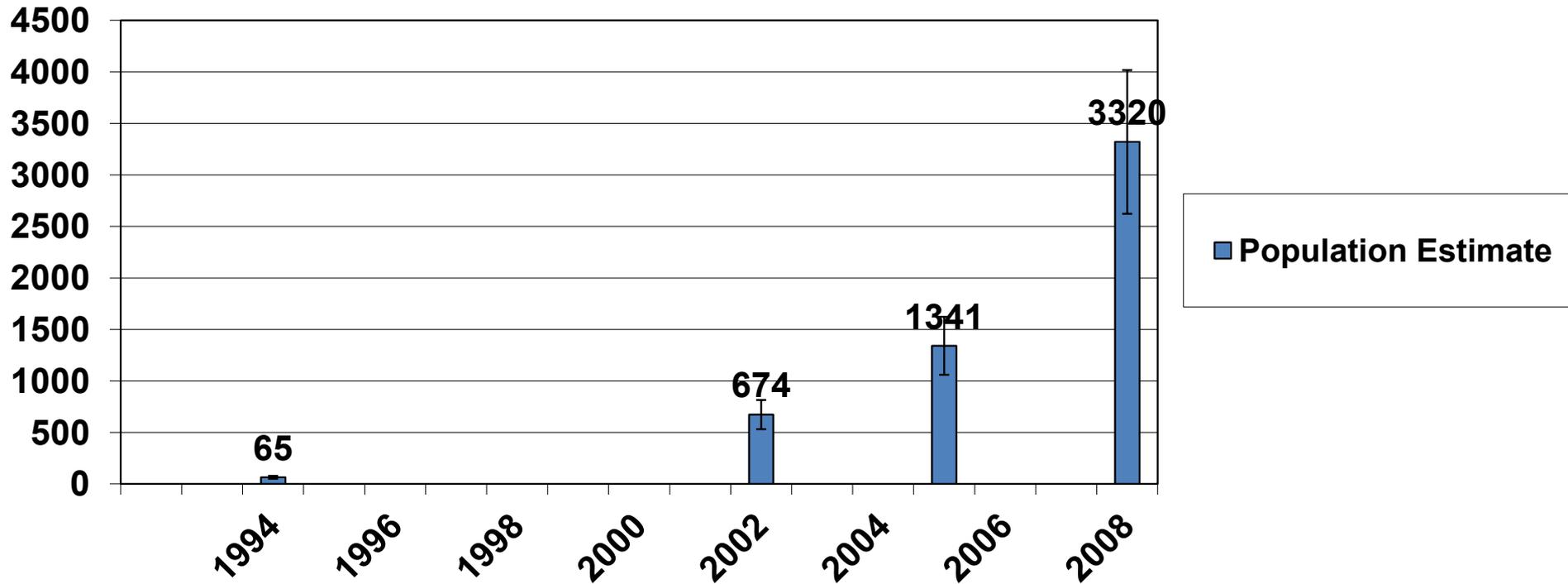
# Moose Harvest: Lower Yukon Area



# Winter Moose Harvest: Lower Yukon Area



# Moose Population: Lowest Yukon Survey Area



## Lowest Yukon Survey Area

**3320 ± 21.0% (Mar 2008)**

**2.8 moose/mi<sup>2</sup>**

**55 calves:100 adults**

## Moose Ratios

- **Composition Counts (November 2010)**
  - 69.1 calves per 100 cows
  - 30.2 bulls per 100 cows
  - 55% cows had calves with them
  - 26 % cows had twins with them
  - N = 845
- **Twinning rate**
  - 50% (May 2011)

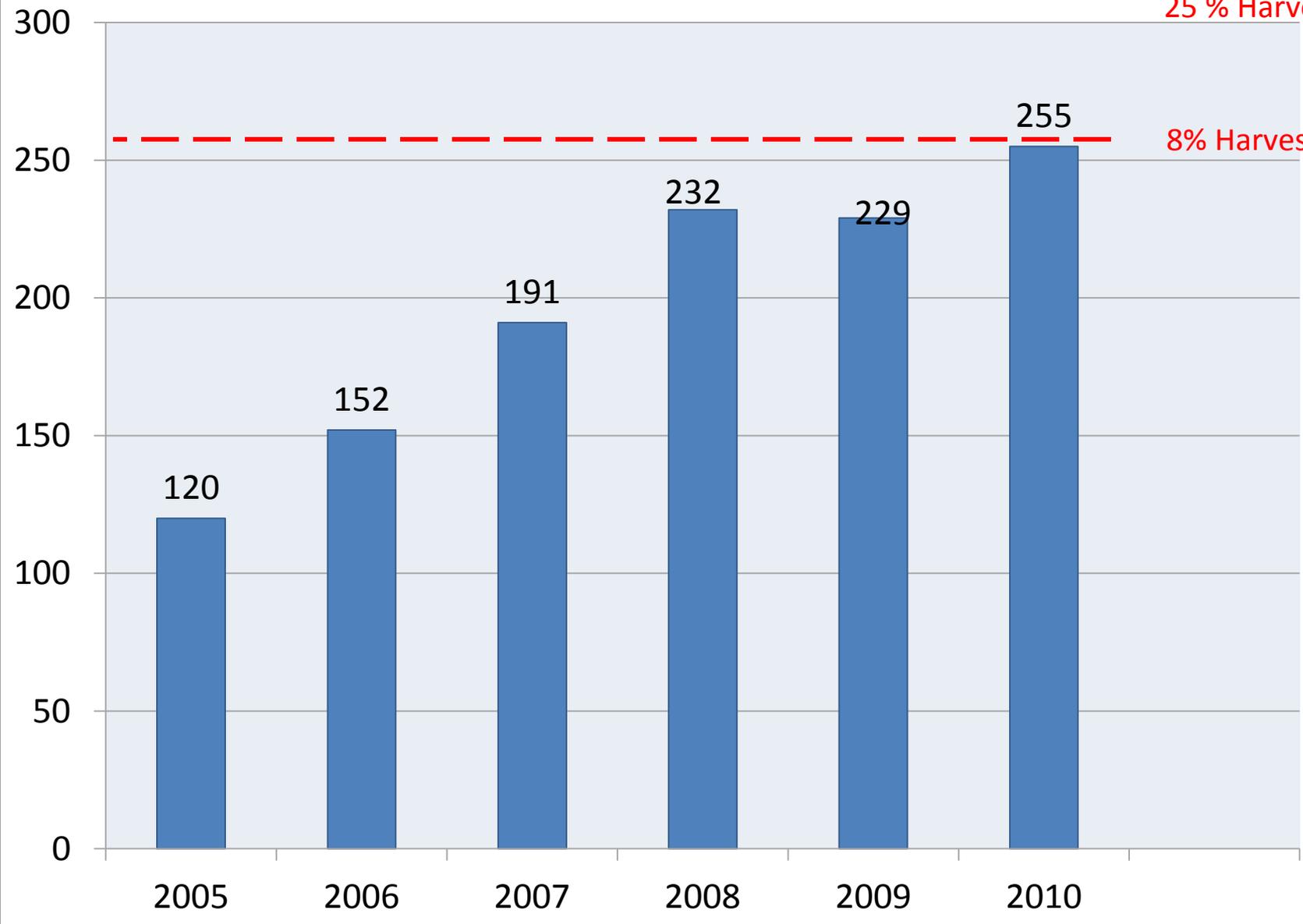
# Moose Harvestable Surplus



25 % Harvest rate = 830

8% Harvest Rate = 266

■ Harvest



## **Proposal 8: Moose Remainder of Unit 18 / Change Season & Bag limit**

EFFECT OF THE PROPOSAL. This proposal extends the winter moose season in the Remainder of Unit 18 by lengthening the season 21 days to Dec 20-Jan 31, and changing the bag limit to 1 moose.

This is a Department proposal.

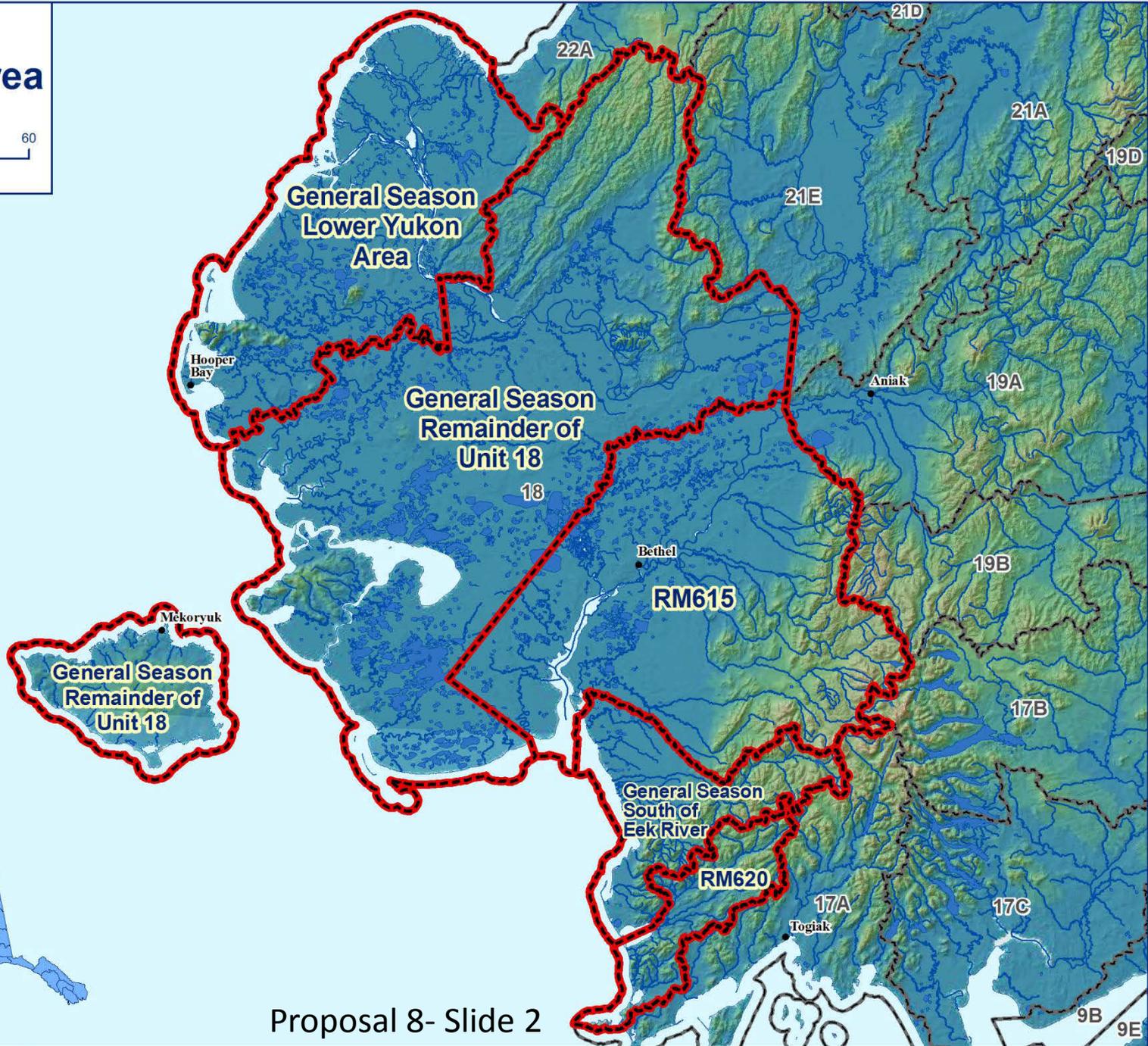
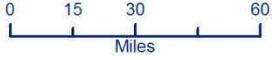
DEPARTMENT RECOMMENDATION: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

Applying the season changes to the current regulatory year will help increase winter harvest.

# Unit 18 Moose Hunt Area



## Remainder of Unit 18: Moose Season & Bag limit

- **Current**

Remainder Unit 18

- 1 antlered bull;  
Aug 10 - Sept 30

or

- 1 antlered bull;  
Dec 20 - Jan 10

- **Proposal**

Remainder Unit 18

- 1 antlered bull;  
Aug 10 - Sept 30

or

- **1 moose;**  
**Dec 20 – Jan 31**

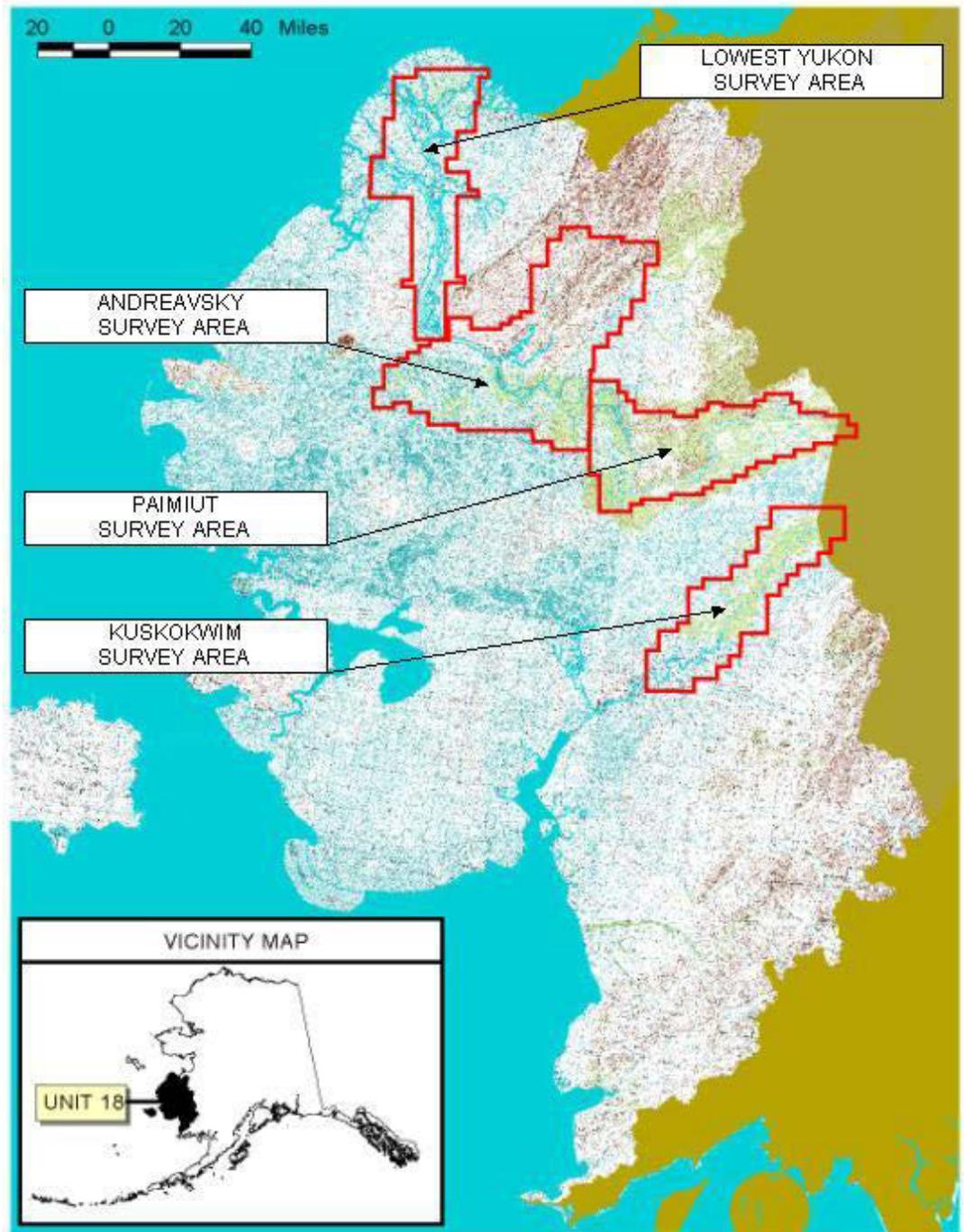
## Moose Population GMU 18

(2 count areas)

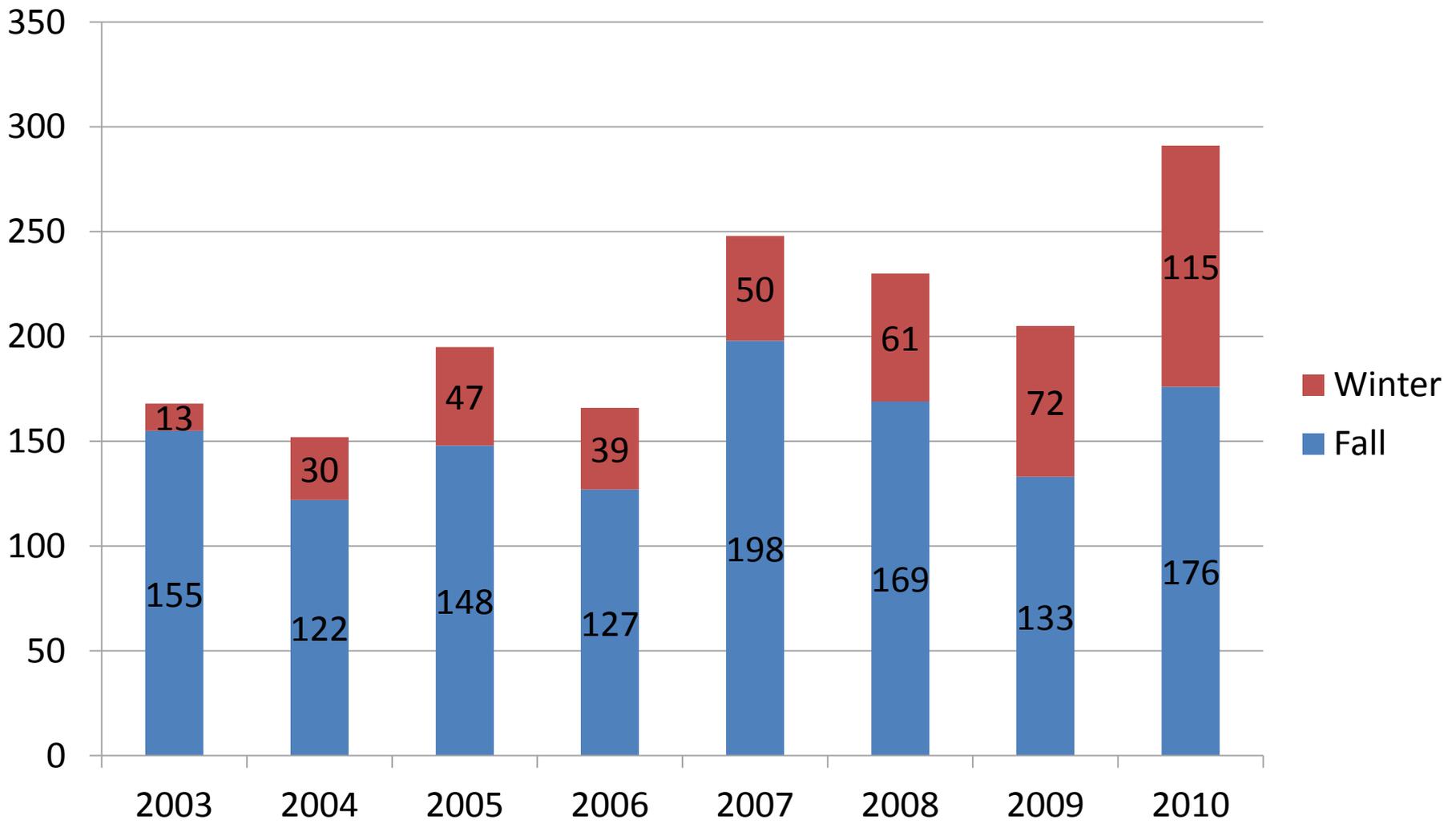
- Andreafsky Survey Area  
(middle Yukon)

619 minimum count  
(2010)

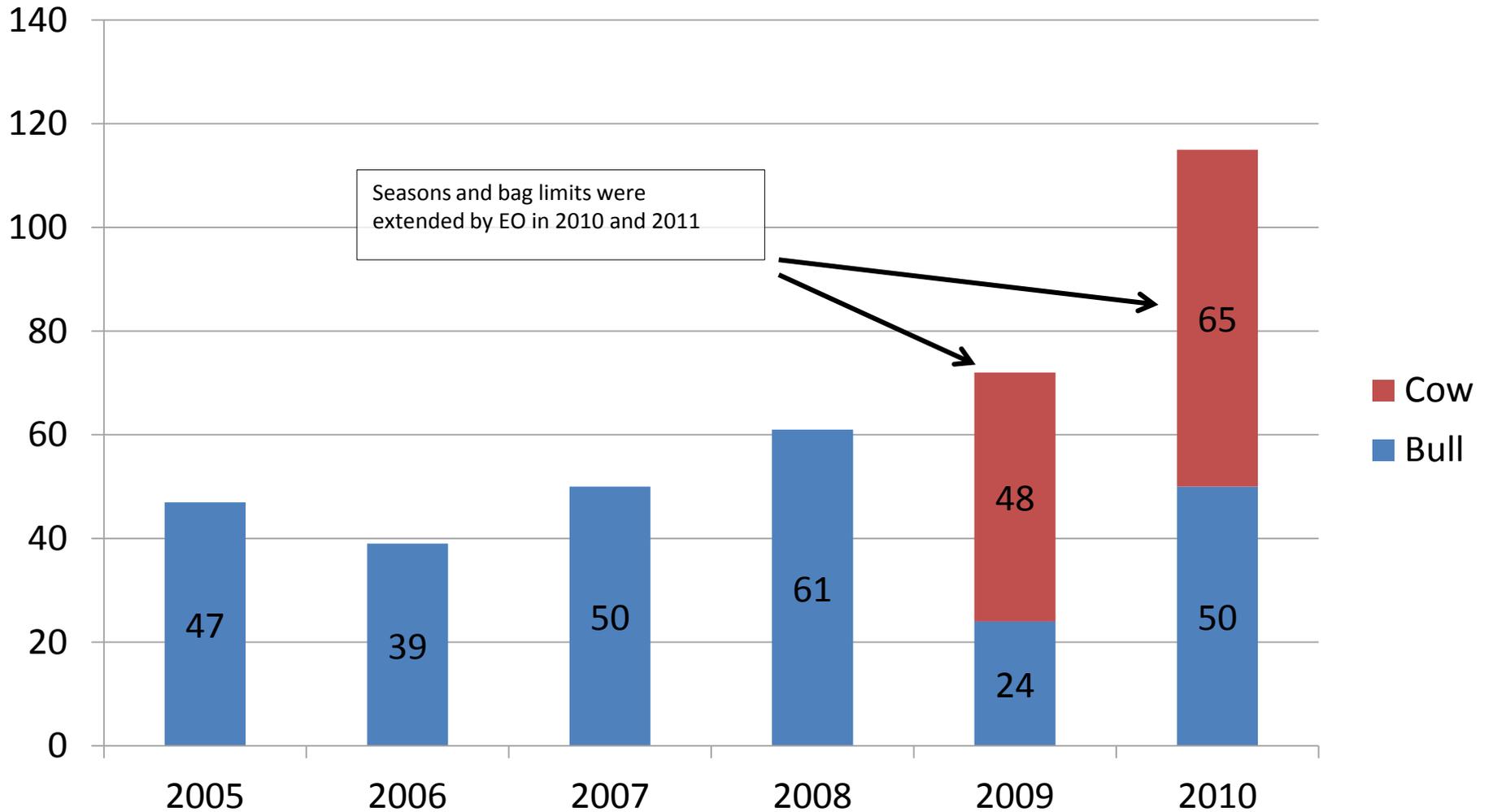
- Paimiut Survey Area  
3614  $\pm$  18% (2006)



# Remainder of Unit 18: Moose Harvest, 2003-2010



# Remainder of Unit 18: Winter Moose Harvest, 2005-2010



## Moose Ratios

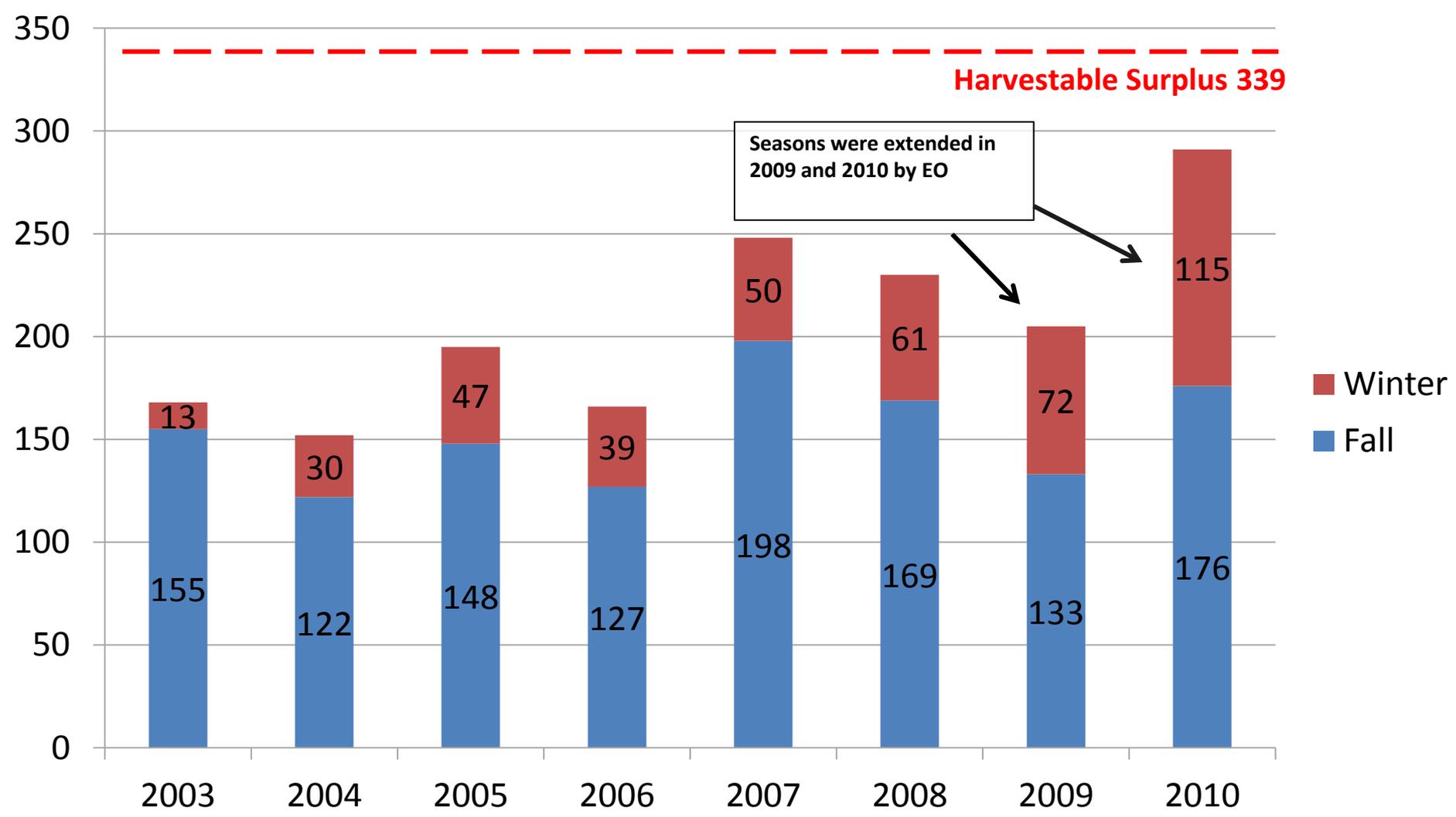
- **Composition counts (Middle Yukon, November 2010 )**
  - Calf/cow ratio 61/100
  - Bull/cow 42/100
  - 47 % cows had calves with them;
  - 28% of cows w/calves had twins with them(N=619)
- **Twinning rate**
  - 50 % (n=30, Middle Yukon, May 2011)

# Moose in GMU 18

## Harvestable Surplus

Count Area	Population Estimate	8 % Harvest Rate	>8% rate
Paimiut (2006)	3614	289	
Middle Yukon(2010)	619	50	
Lowest Yukon(2008)	3320	266	830
Kuskokwim Drainage	1300	104	
Southern GMU 18	194	16	20
Totals	9047	724	1294

# Remainder of Unit 18: Moose Harvestable Surplus



## **Proposal 7: Moose Lower Yukon River / Change Season & Bag limit**

EFFECT OF THE PROPOSAL. This proposal modifies the moose season in the Lower Yukon River hunt area by lengthening the season 81 days to Aug 10-Feb 28, and changing the bag limit to 2 moose.

This is a Department proposal.

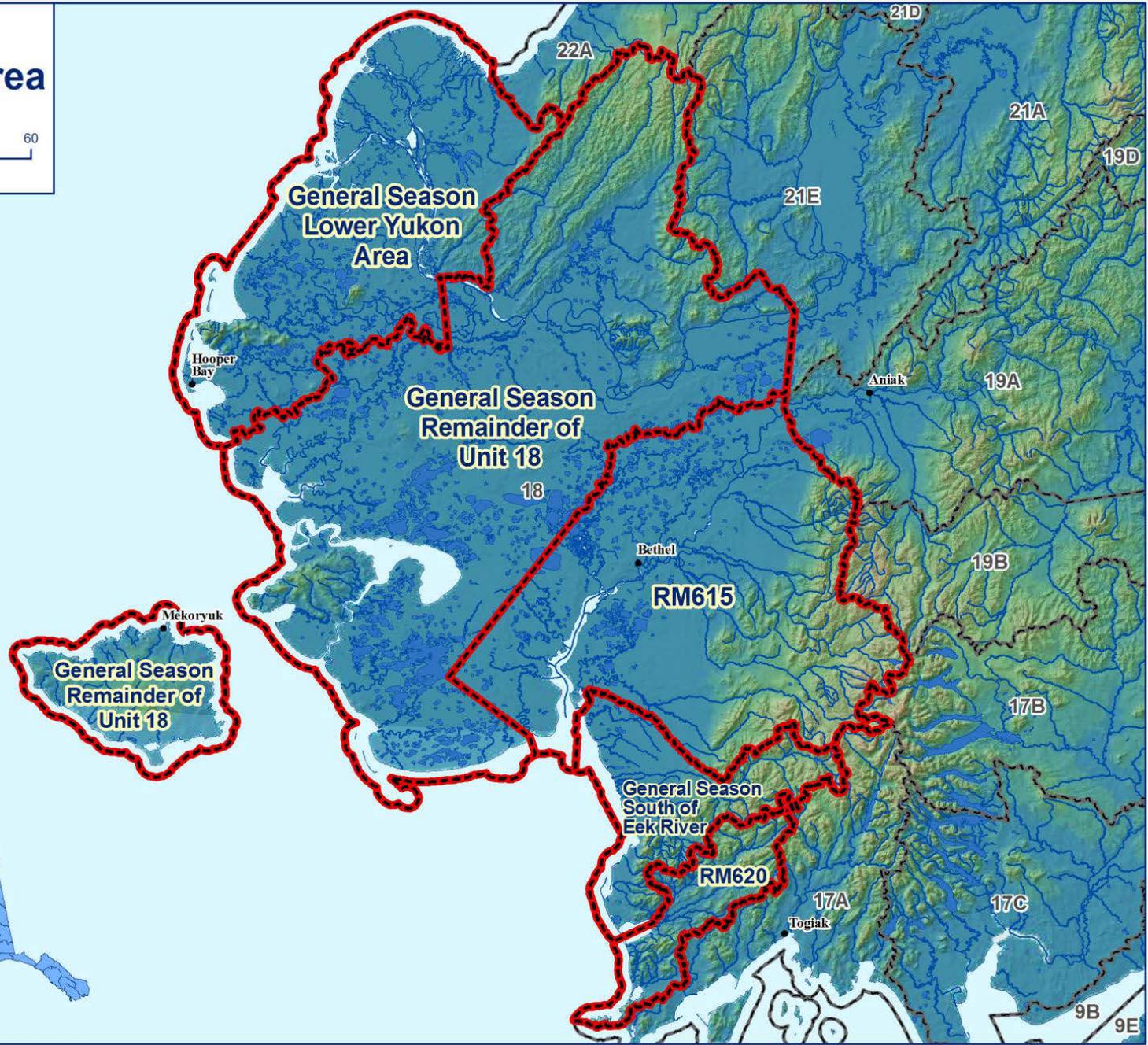
DEPARTMENT RECOMMENDATION: **Amend and Adopt.**

Amended proposal supported by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

Applying the season changes to the current regulatory year will help increase winter harvest.

# Unit 18 Moose Hunt Area



## Lower Yukon River: Moose Season & Bag limit

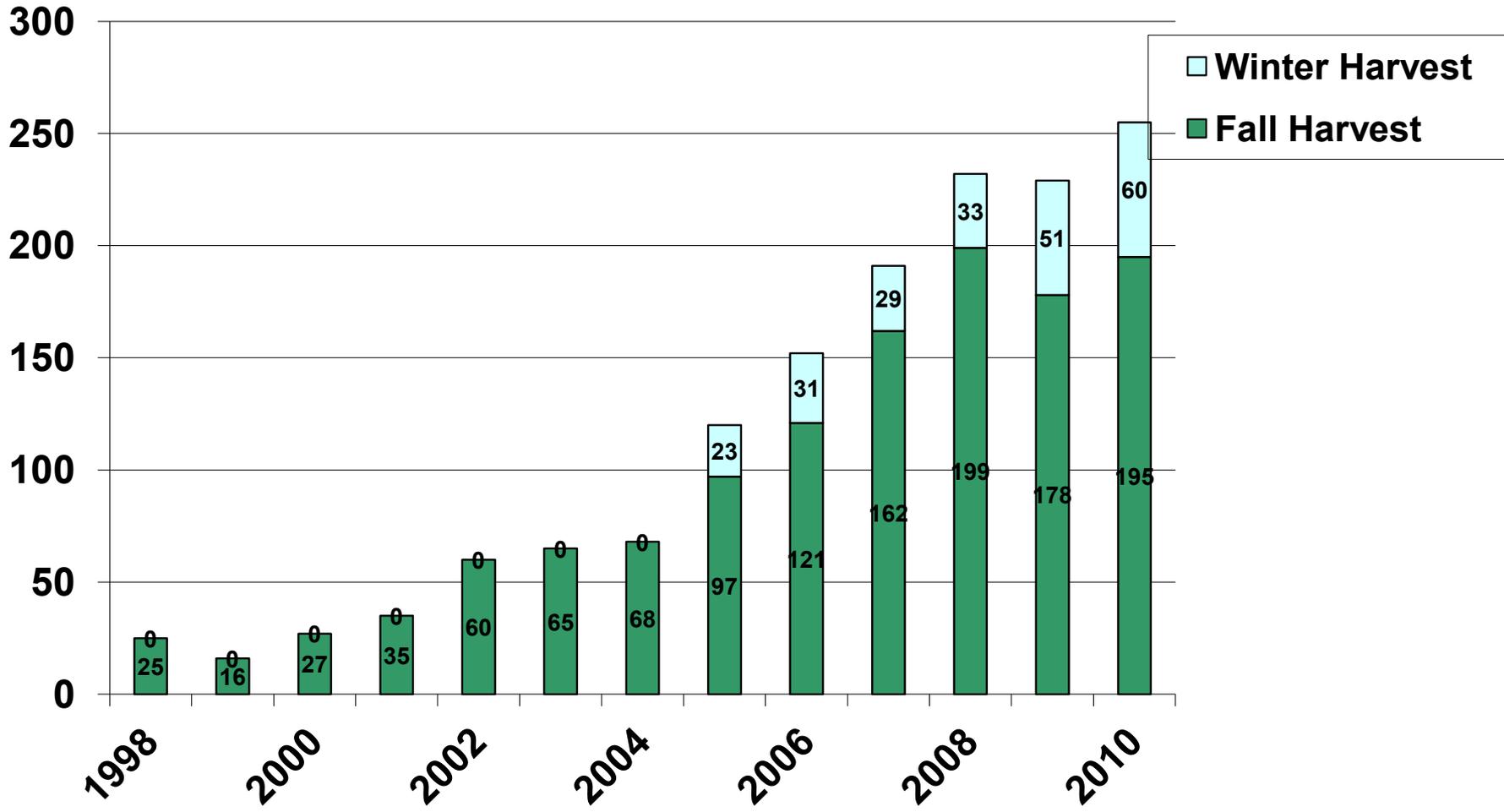
### • Current

- 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.
- 1 antlered bull; Aug 10 – Sept 30  
or
- 1 moose; Dec 20 – Feb 28

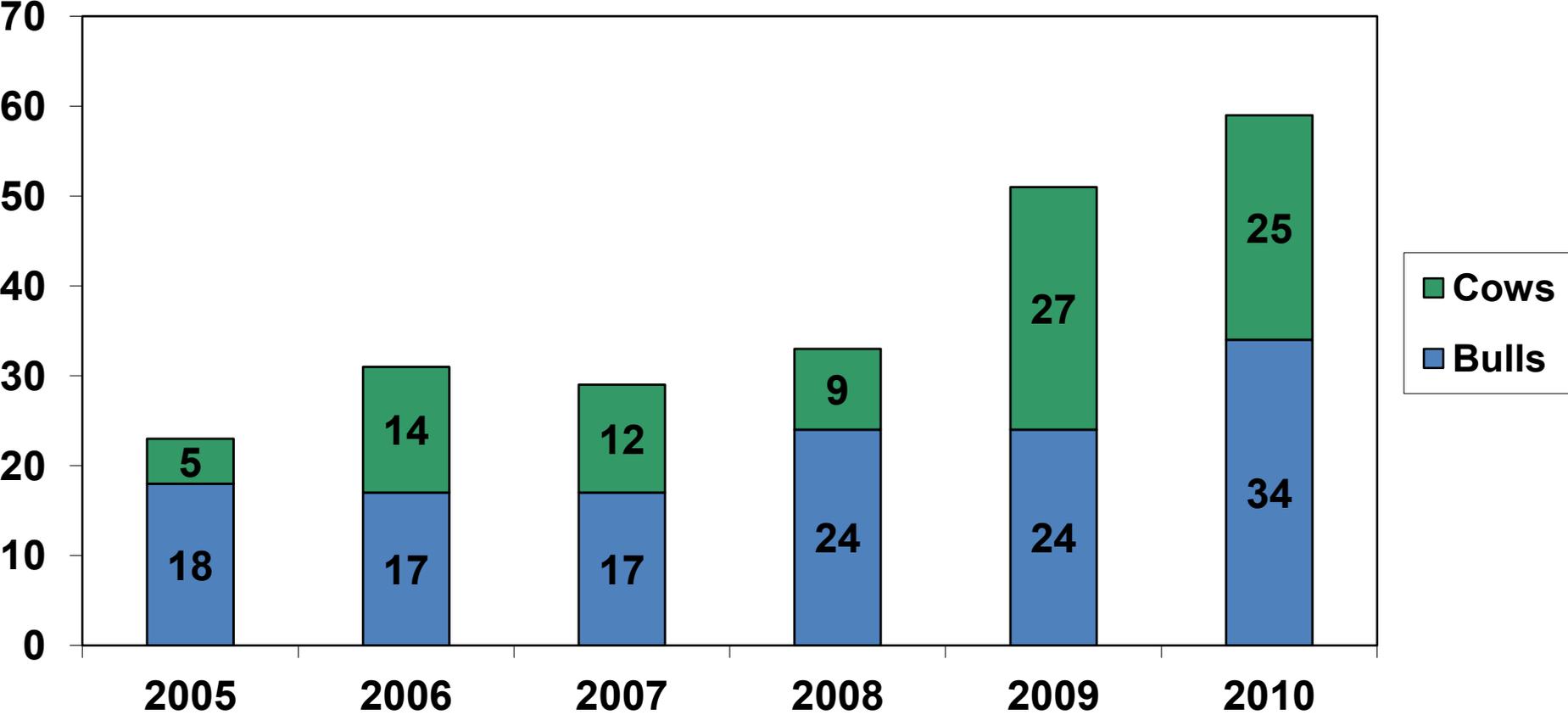
### • Amended

- 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.
- **2 moose; Aug 10 – Last day of Feb**  
**Only one may be an antlered bull;**  
**a person may not take a calf or a cow accompanied by a calf prior to October 1 (amendment)**

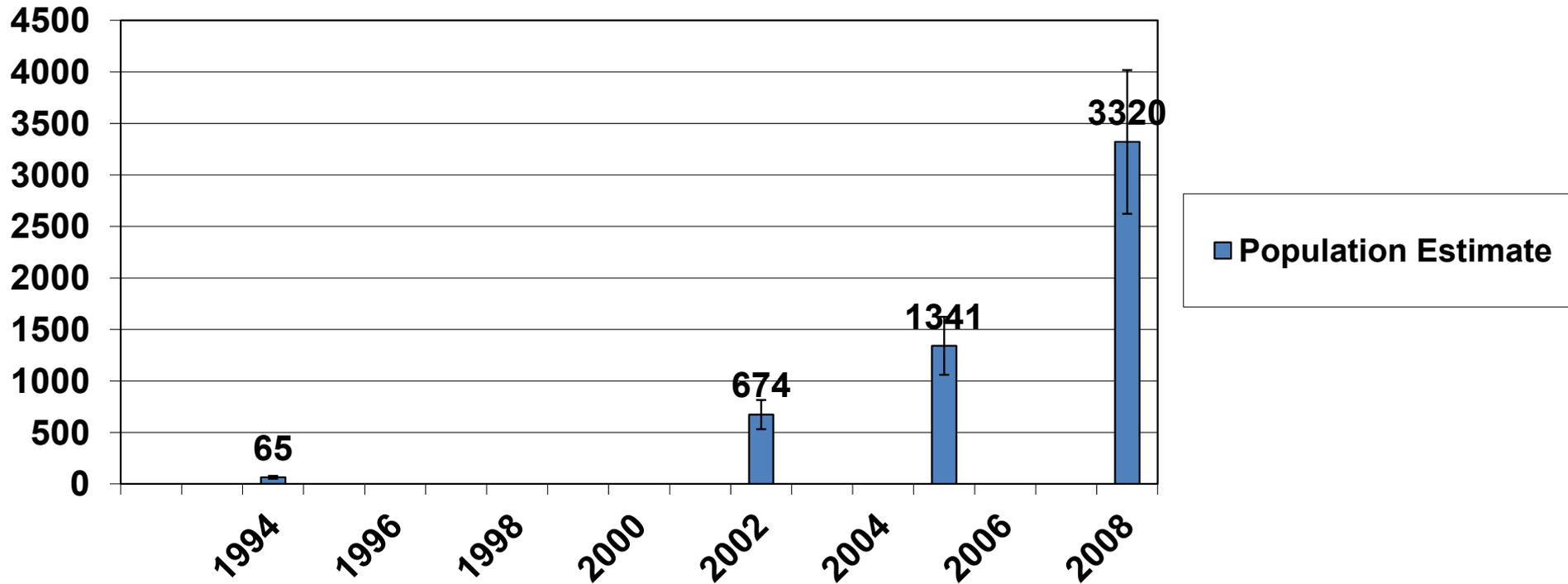
# Moose Harvest: Lower Yukon Hunt Area



# Winter Moose Harvest: Lower Yukon Hunt Area



# Moose Population: Lowest Yukon Survey Area



## Lowest Yukon Survey Area

**3320 ± 21.0% (Mar 2008)**

**2.8 moose/mi<sup>2</sup>**

**55 calves:100 adults**

## Moose Sex Ratios

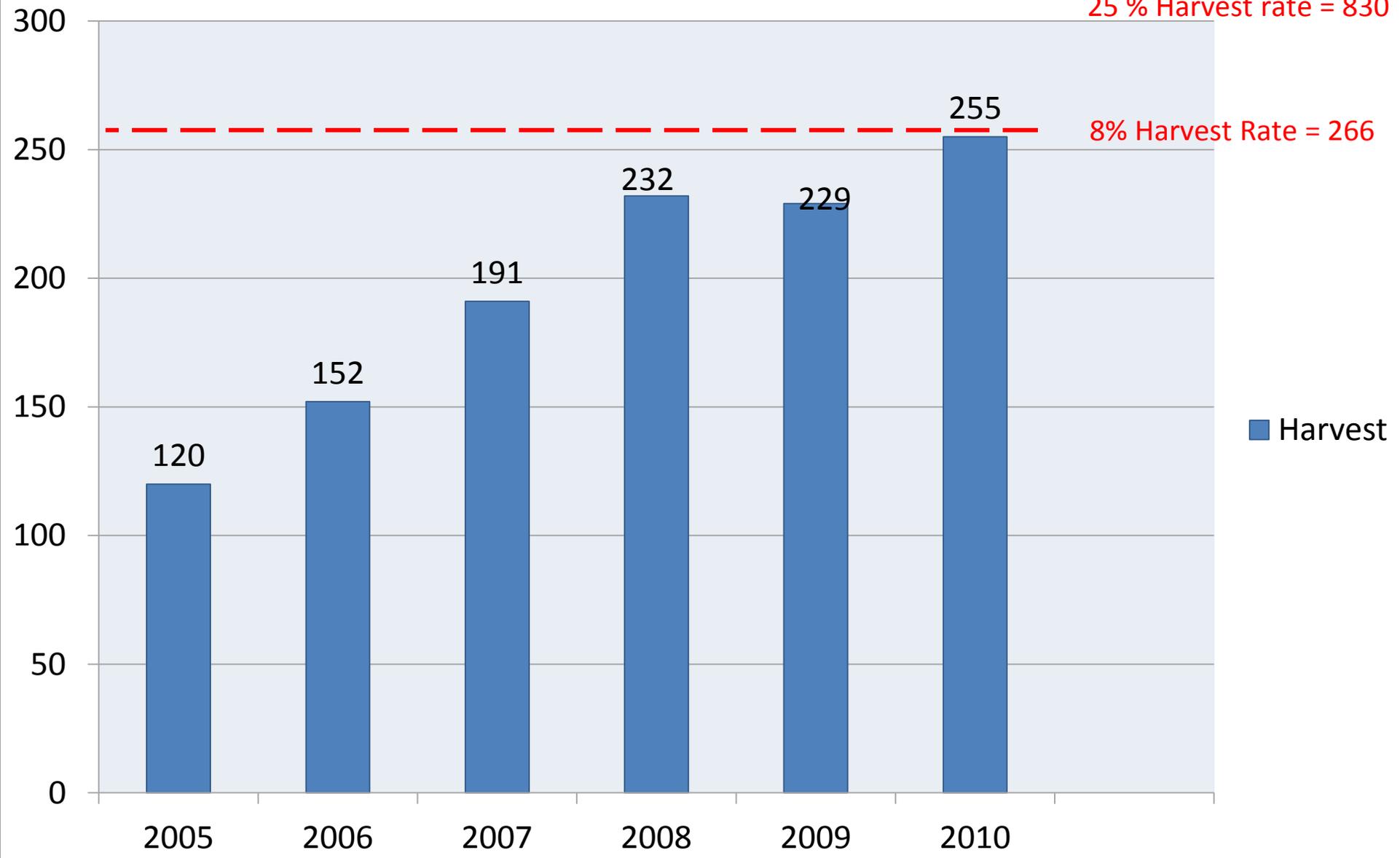
- **Composition Counts (November 2010)**
  - 69.1 calves per 100 cows
  - 30.2 bulls per 100 cows
  - 55% cows had calves with them
  - 26 % cows had twins with them
  - N = 845
- **Twinning rate**
  - 50% (May 2011)

# Moose Harvestable Surplus



25 % Harvest rate = 830

8% Harvest Rate = 266



## **Proposal 6: Moose permit availability**

EFFECT OF THE PROPOSAL. This proposal seeks to eliminate restrictions on issuing moose registration permits in Units 18, 19, and 23 by making permits available throughout the season.

*This presentation covers Unit 18.*

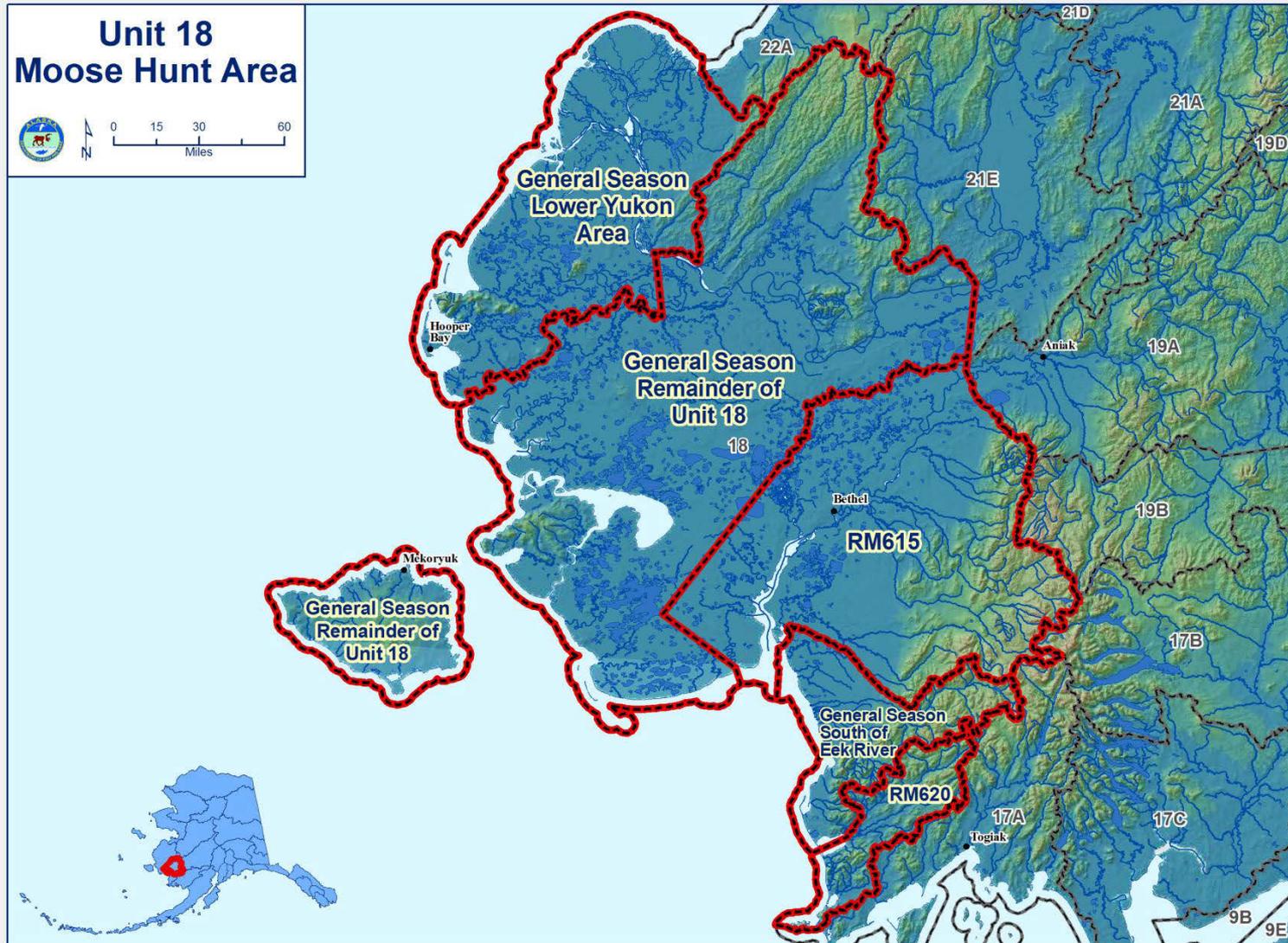
This is a public proposal.

DEPARTMENT RECOMMENDATION: **Do Not Adopt.**

Opposed by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Moose Hunt Areas: Registration Permits RM615/RM620



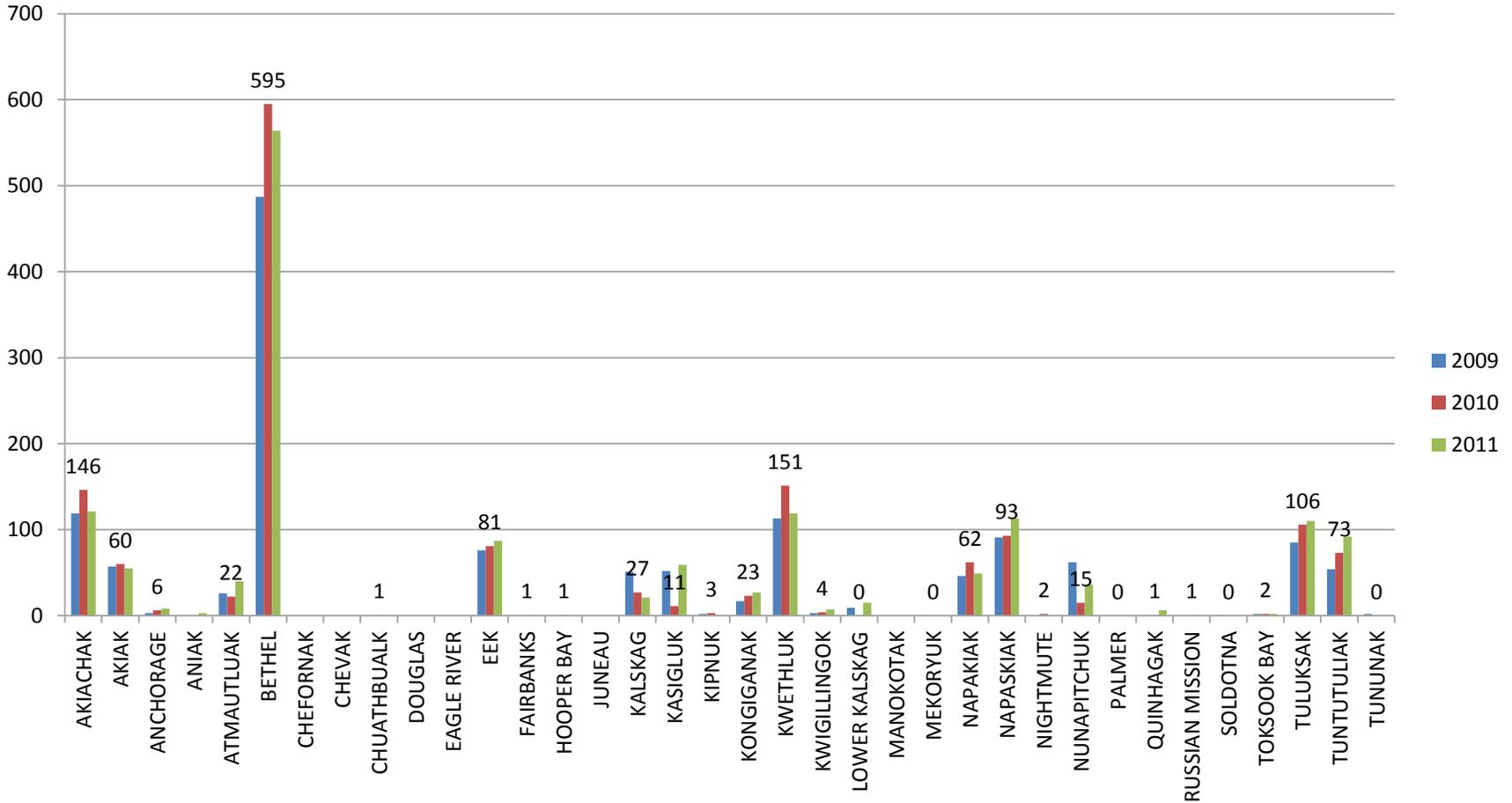
U:\WC\bogmaps\RegV\_11\Nov 2011\Unit18\_moose.mxd 10/19/2011 skt

## Moose Registration Permit Summary

<b>RM615</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Communities within hunt area</b>	<b>98% (1331)</b>	<b>97% (1446)</b>	<b>96% (1488)</b>
<b>Communities outside hunt area in GMU 18</b>	<b>2% (26)</b>	<b>2% (33)</b>	<b>3% (39)</b>
<b>Communities outside GMU 18</b>	<b>&lt; 1% (5)</b>	<b>&lt;1% (8)</b>	<b>1% (17)</b>

<b>RM620</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Communities within hunt area</b>	<b>95% (38)</b>	<b>89% (40)</b>	<b>100% (48)</b>	<b>93% (43)</b>
<b>Communities outside hunt area in GMU 18</b>	<b>2% (1)</b>	<b>4% (2)</b>		<b>5% (2)</b>
<b>Communities outside GMU 18</b>	<b>2% (1)</b>	<b>7% (3)</b>		<b>2% (1)</b>

# Moose Registration Permits: Communities



## **Proposal 5: Unit 18 moose ANS**

EFFECT OF THE PROPOSAL. This proposal asks to change the ANS for Moose in GMU 18 from 100-200 to 500-1000.

This proposal is from the LKAC and ONC.

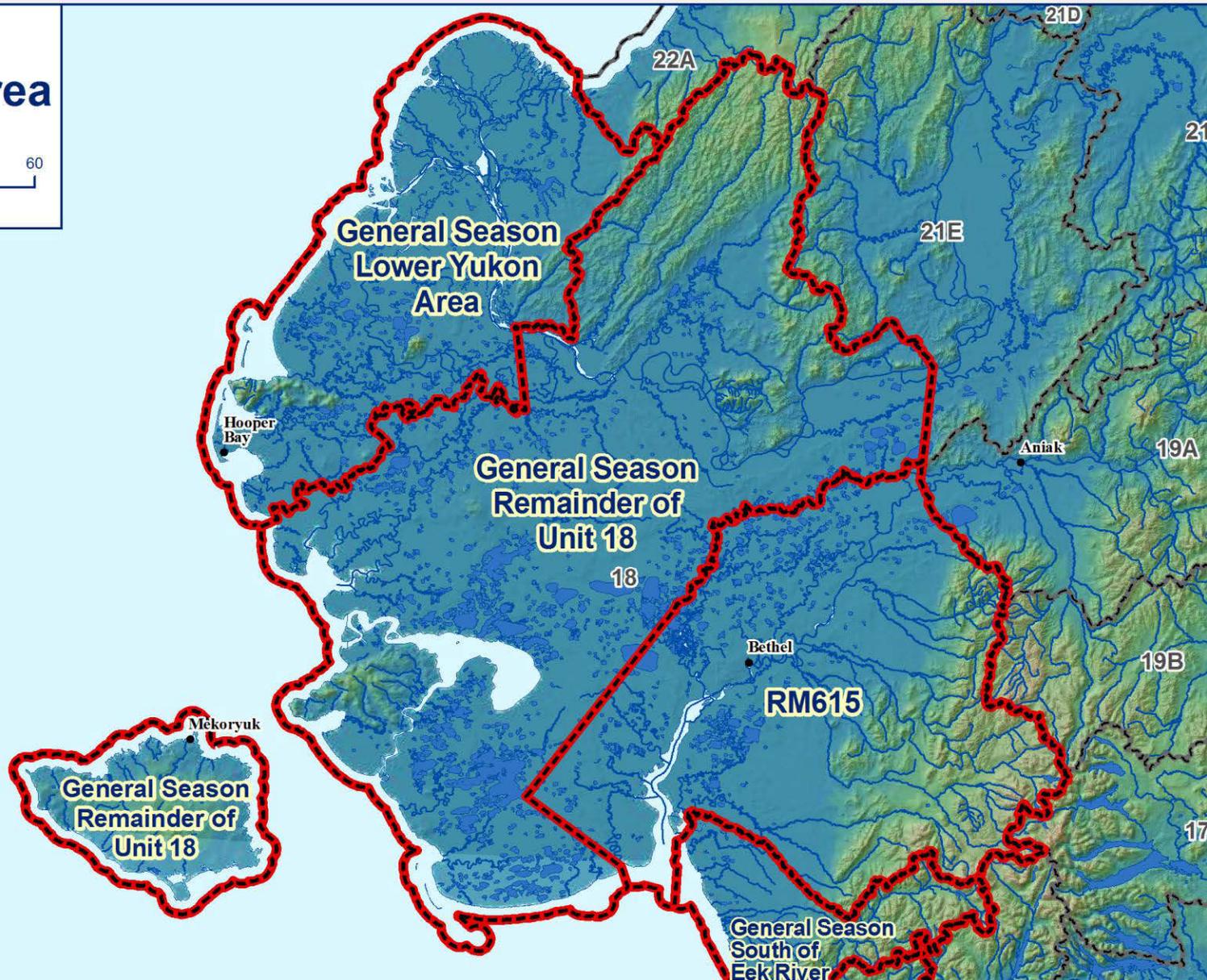
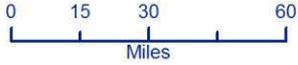
DEPARTMENT RECOMMENDATION: **No Recommendation.**

Supported by:

- Lower Kuskokwim AC with an amendment of 400-800.

# Proposal 5: Unit 18 moose ANS

## Unit 18 Moose Hunt Area



## Moose Population GMU 18

### Yukon Drainages

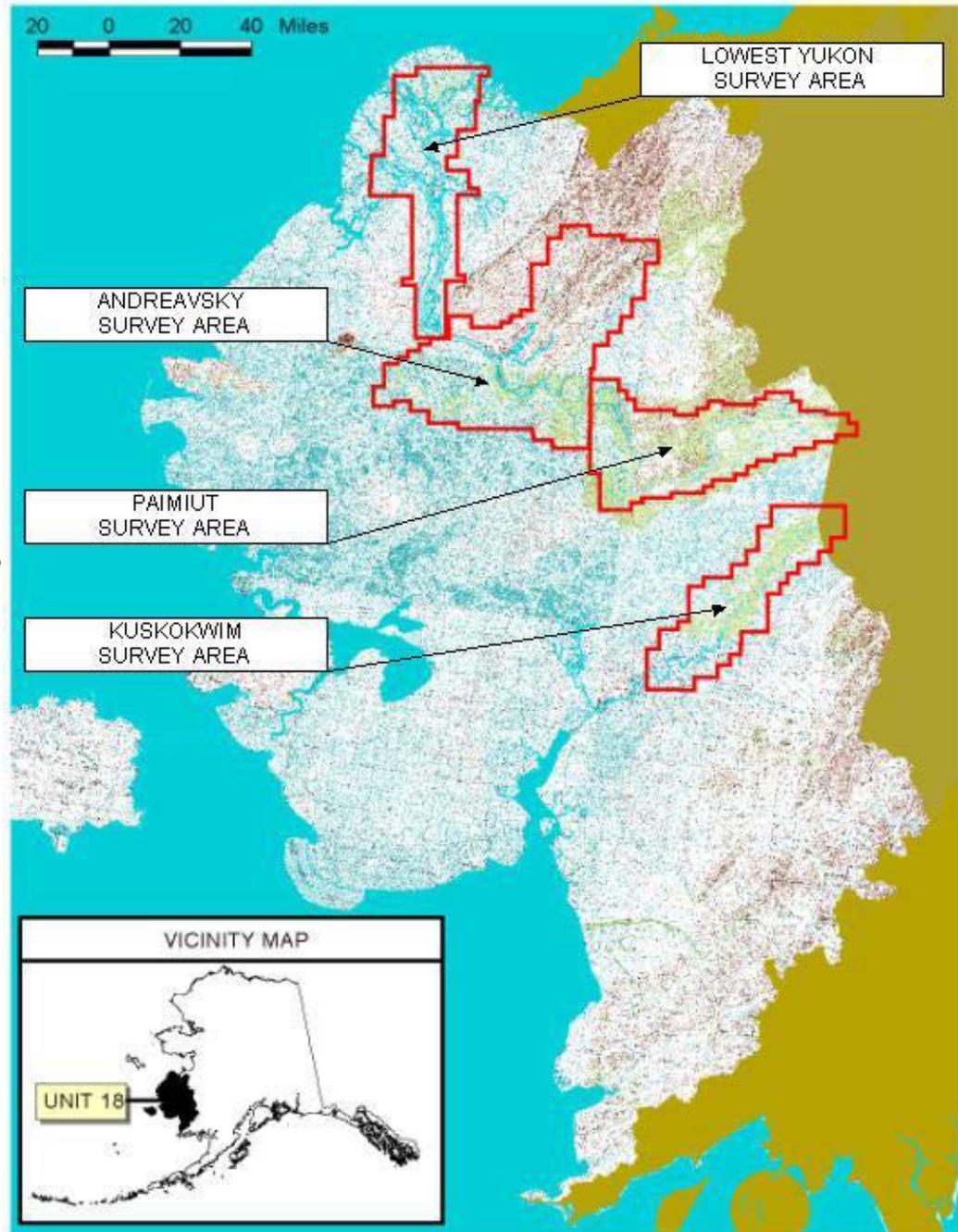
- Lowest Yukon  
3320 ±13% (2008)
- Andreafsky(middle Yukon)  
619(2010 min count)
- Paimiut  
3614 ±18%(2006)

### Kuskokwim River and Drainages

- Mainstem Kuskokwim  
672 ±21% (2011)
- Tributaries  
340 (2009)

### South of the Kuskokwim

- Goodnews Drainage  
194 (2011 min count)



## Proposal 5: Unit 18 moose ANS

<b>Count Area</b>	<b>Population Estimate</b>	<b>8% Harvest Rate</b>	<b>Other Harvest Rate (25% in Lower Yukon)</b>
<b>Paimiut</b>	3614	289	
<b>Middle Yukon</b>	619	50	
<b>Lower Yukon</b>	3320	266	830
<b>Kuskokwim Drainage</b>	1300	104	
<b>Goodnews Drainage</b>	194	16	20
<b>Total</b>	9047	724	1288

## **Proposal 21: GMU Boundary for Units 18, 19, 21**

EFFECT OF THE PROPOSAL. This proposal modifies the game management unit boundary at the intersection of Units 18, 19, and 21 using easy to identify features in an area of flat featureless terrain.

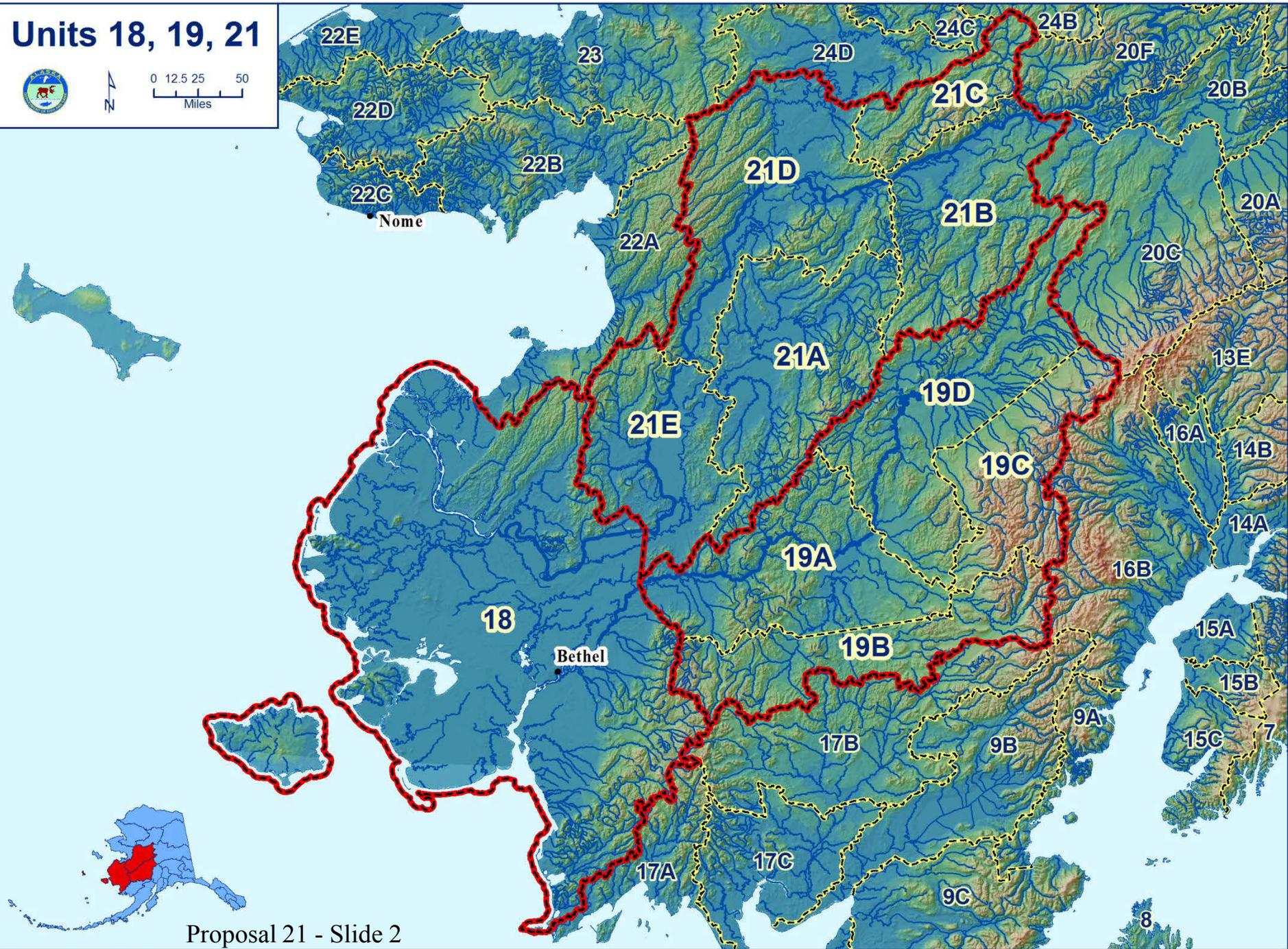
This is a public proposal.

DEPARTMENT RECOMMENDATION: **No Recommendation.**

# Units 18, 19, 21

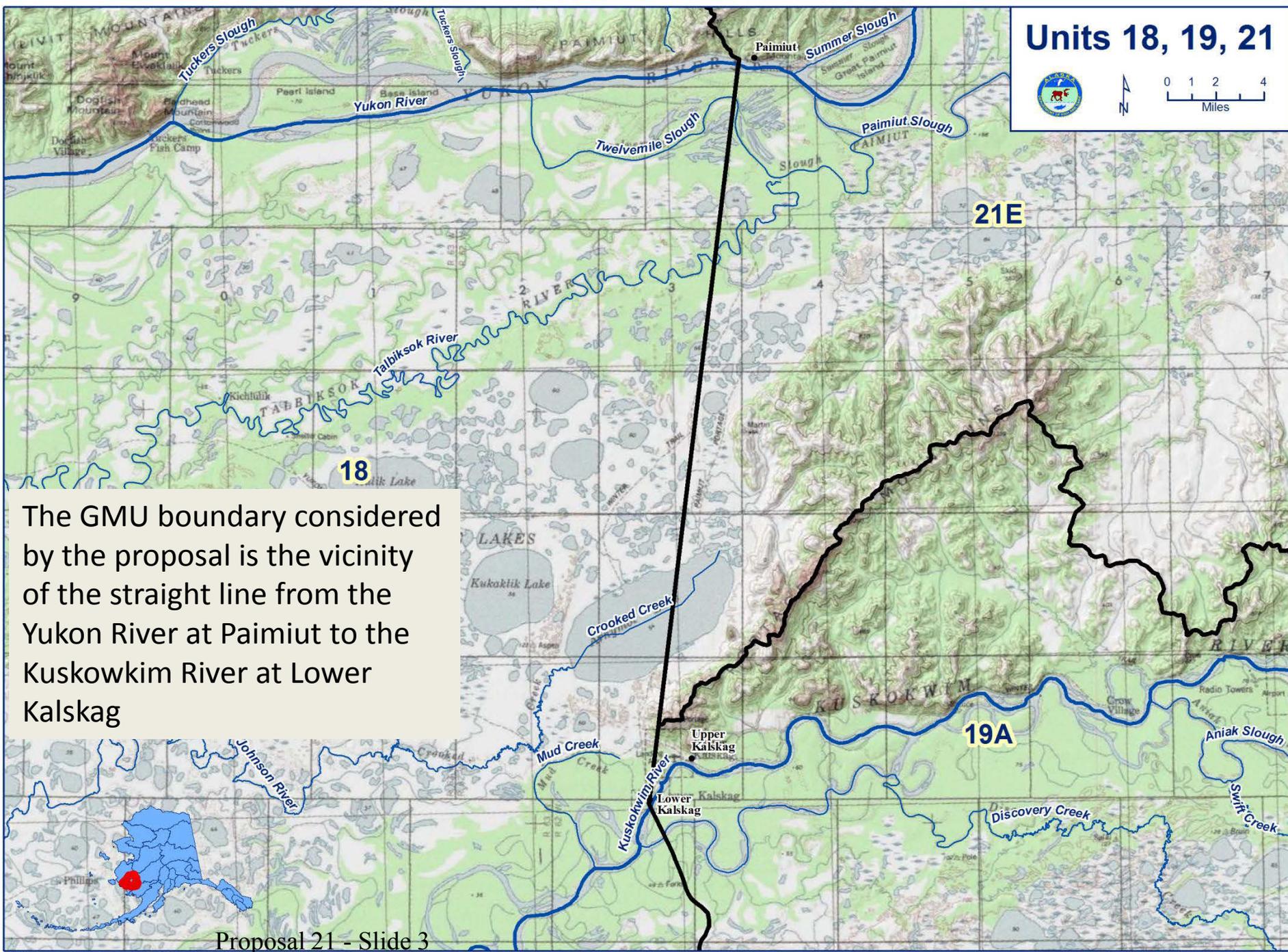


0 12.5 25 50  
Miles

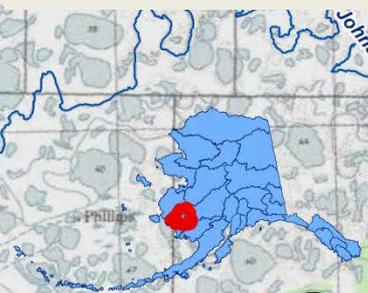


Proposal 21 - Slide 2

# Units 18, 19, 21



The GMU boundary considered by the proposal is the vicinity of the straight line from the Yukon River at Paimiut to the Kuskowkim River at Lower Kalskag



- Central Kuskokwim AC most recent Unit 18 Description
- 
- ***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, follow its north bank downstream to the down river boundary of Sam Savage's fish camp then across the river terminating on the south bank of the river at the down river boundary of Dick Nash's fish camp. (All are clearly visible land marks.)***
- 
- October 1, 2011 meeting consensus language
- 
- 
- ***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 north bank of First Slough upriver to the terminus at the Kuskokwim River(N 6129 22.26 W 160022 47.56) and across the river to the south bank of the downriver mouth of the old river(N 61 28 57.80 W 160 21 55.81).***
-

# Units 18, 19, 21

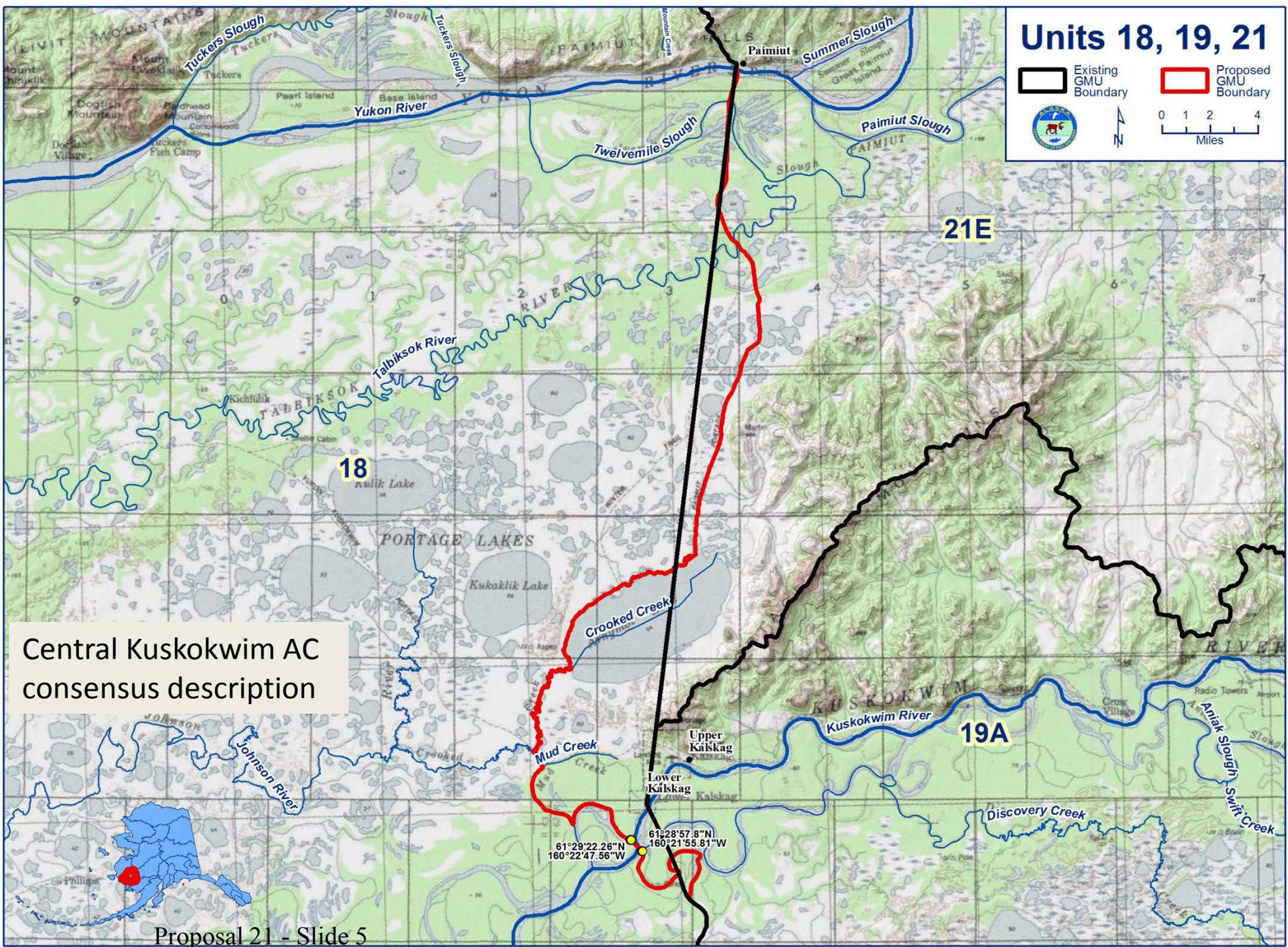
 Existing GMU Boundary

 Proposed GMU Boundary









Central Kuskokwim AC  
consensus description

# **Proposal 21: GMU Boundary for Units 18, 19, 21**

## **Summary**

- The boundary impacts traditional areas accessed for hunting
- Also, moose management has different seasons in each GMU
- The GMU boundary proposal was first considered in January 2010 and deferred for local agreement
- At the Wasilla Meeting (Spring 2011) the proposal was further deferred for discussion and local agreement
- Advisory Committees have met several times and have not reached consensus or agreement
- More information and maps are available

# **Proposal 21: GMU Boundary for Units 18, 19, 21**

Questions?

## **Proposal 20: Unit 18 Ptarmigan Hunting**

EFFECT OF THE PROPOSAL. This proposal modifies ptarmigan hunting in Unit 18 by lengthening the season 46 days to Aug 10 –Jun 15, and increasing bag limits to 50 per day and 100 in possession. This would apply to both resident and nonresident hunting.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Amend and Adopt.**

The Department recommends amending the season to Aug 10 – **May 15.**

Supported by AC only if amended to **May 30** :

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee



# Unit 18 Ptarmigan Hunting Regulations

## Current Regulation

- Season  
Aug 10 – Apr 30
- Bag limit  
20 per day  
40 in possession

## Proposal 20

- Season  
Aug 10–Jun 15
- Bag limit  
50 per day  
100 in possession

## Dept Amendment

- Season  
Aug 10–May 15
- Bag limit  
50 per day  
100 in possession

# Proposal 20: Unit 18 Ptarmigan Hunting

## Summary

- Ptarmigan are abundant in Unit 18; however, no census or population information
- Late spring harvest occurs in coastal communities as ptarmigan arrive in response to delayed snow-melt in the coastal zone
- Male ptarmigan defend breeding territories on tundra by mid-May and are highly vulnerable to harvest
- Spring hunting is 'additive mortality' on birds surviving harsh winter conditions
- Protecting the breeding population after May 15 is recommended by the Department.

# Proposal 20: Unit 18 Ptarmigan Hunting

Questions?

## **Proposal 18: Unit 18 Incidental Take By Trapping**

EFFECT OF THE PROPOSAL. This proposal seeks to clarify when a violation has occurred concerning incidental take by trappers.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **No Recommendation.**

Supported if amended by:

- Lower Kuskokwim Advisory Committee

AC amendment would clarify :

- 5AAC 92.095 unlawful methods of taking furbearers; exceptions.
- 5AAC 92.140(d) unlawful possession or transportation

No action by:

- Central Bering Sea Advisory Committee

# Incidental Take Regulations

- Current (Furbearers)

**5 AAC 92.095 Unlawful methods of taking furbearers; exceptions.** (a) The following methods and means of taking furbearers under a trapping license are prohibited, in addition to prohibitions in 5 AAC 92.080:

...

(12) by placing or leaving an active trap or snare set on land that is within 300 feet of the site at which a moose, caribou, or deer was taken using a trap or snare; this prohibition applies for the duration of the regulatory year in which the moose, caribou, or deer was taken using the trap or snare;

- LKAC Amendment

**5 AAC 92.095 Unlawful methods of taking furbearers; exceptions.** (a) The following methods and means of taking furbearers under a trapping license are prohibited, in addition to prohibitions in 5 AAC 92.080:

...

(12) by placing or leaving an active trap or snare [SET ON LAND THAT IS] within 300 feet of the site at which a moose, caribou, or deer was taken using a trap or snare; this prohibition applies for the duration of the regulatory year **, and may reset again in the same place or area during subsequent trapping seasons** in which the moose, caribou, or deer was taken using the trap or snare;

# Methods and Possession

## Current Regulation

### •5 AAC 92.140

-(d) Notwithstanding (a) of this section, it is an affirmative defense to the crime of unlawful possession or transports of game, if the person who possesses and transports game or parts of game taken in violation of AS 16 or a regulation adopted under AS 16 is doing so for the sole purpose of salvaging that game or parts of game as required by 5 AAC 92.220, immediately salvages that game or parts of that game from the field and immediately surrenders that game or parts of the game to a representative of the state located at the nearest office of the Department of Fish and Game or Department of Public Safety.

## LKAC Amendment

- 5 AAC 92.140
- (d) Notwithstanding (a) of this section, it is an affirmative defense to the crime of unlawful possession or transports of game, if the person who possesses and transports game or parts of game taken in violation of AS 16 or a regulation adopted under AS 16 is doing so for the sole purpose of salvaging that game or parts of game as required by 5 AAC 92.220, immediately salvages that game or parts of that game from the field and immediately surrenders that game or parts of the game to a representative of the state located at the nearest office of the Department of Fish and Game or Department of Public Safety; **or it is an affirmative defense to the crime of unlawful taking of game if a trapper who incidentally catches game in a trap or snare reports the taking (harvest) to the nearest office of the Department of Fish and Game. The trapper who incidentally takes game should salvage the edible meat and surrender it to the state.**

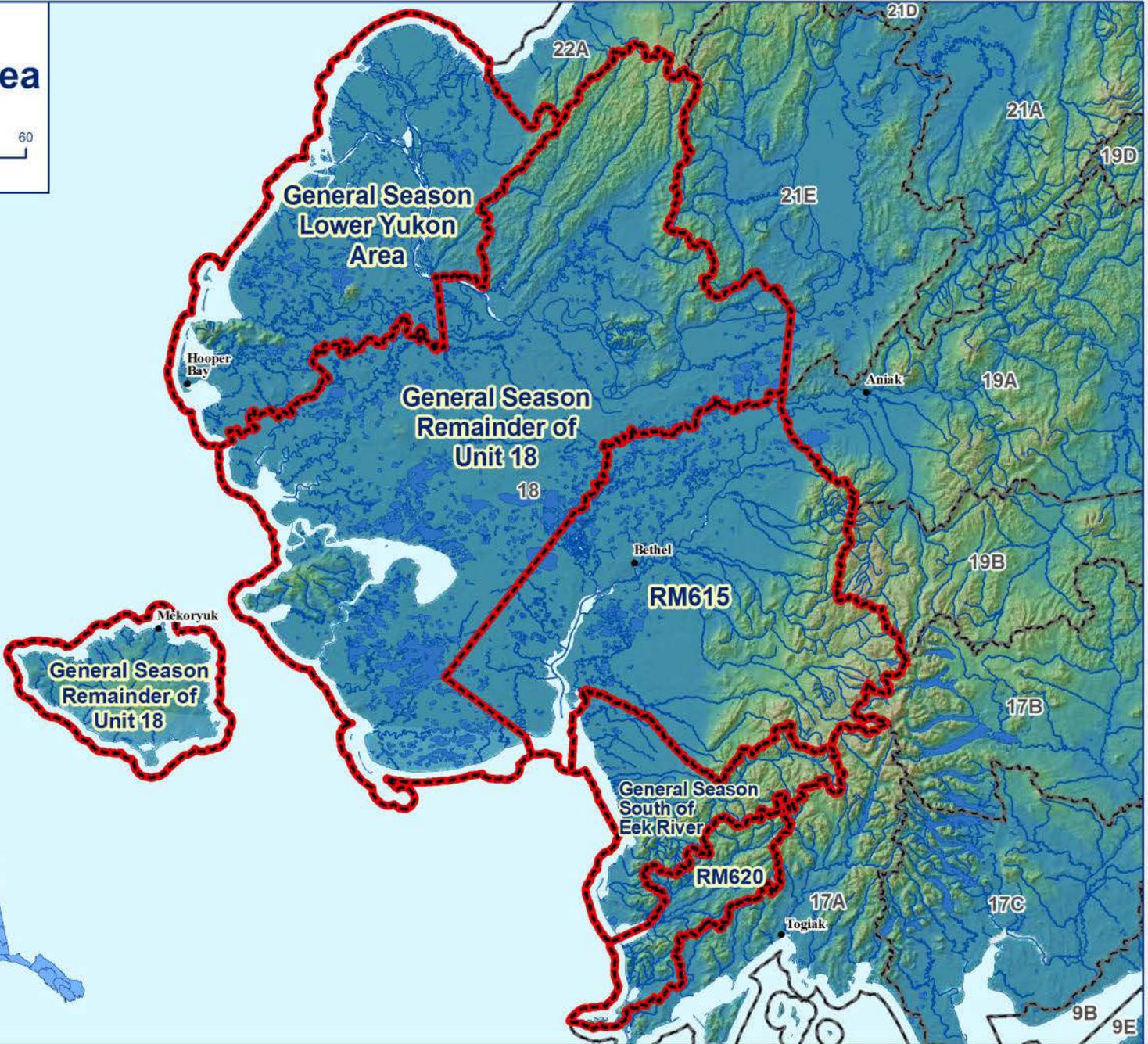
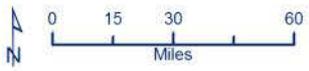
# **Proposal 18: Unit 18 Incidental Take By Trapping**

## **Summary**

- Statewide scope currently prohibits trapping after incidental take of moose, caribou, and deer
- Moose have expanded into Unit 18 causing 'first time' situations for many trappers
- Low rates of incidental catch in Unit 18; not a concern to moose population
- Salvage for 'illegally taken game' as required in 5 AAC 92.140 (d) is difficult for trappers due to:
  - Infrequent trap-checks
  - Spoilage of meat from inside-out
  - Large frozen carcasses (moose, caribou)
  - Long travel distances

Questions??

# Unit 18 Moose Hunt Area



U:\WC\bogmaps\RegV\_11\Nov 2011\Unit18\_moose.mxd 10/19/2011 skt

## **Proposal 17: Unit 18 Lynx Hunting**

EFFECT OF THE PROPOSAL. This proposal increases the lynx hunting season by 121 days to Aug 10-Apr 30 and increases the bag limit to 5 lynx per season. This would apply to both resident and nonresident hunting.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee

# Unit 18 Lynx Hunting Regulations

## Current Regulation

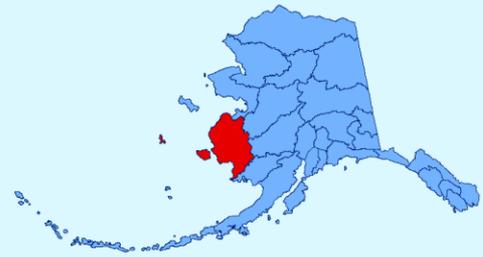
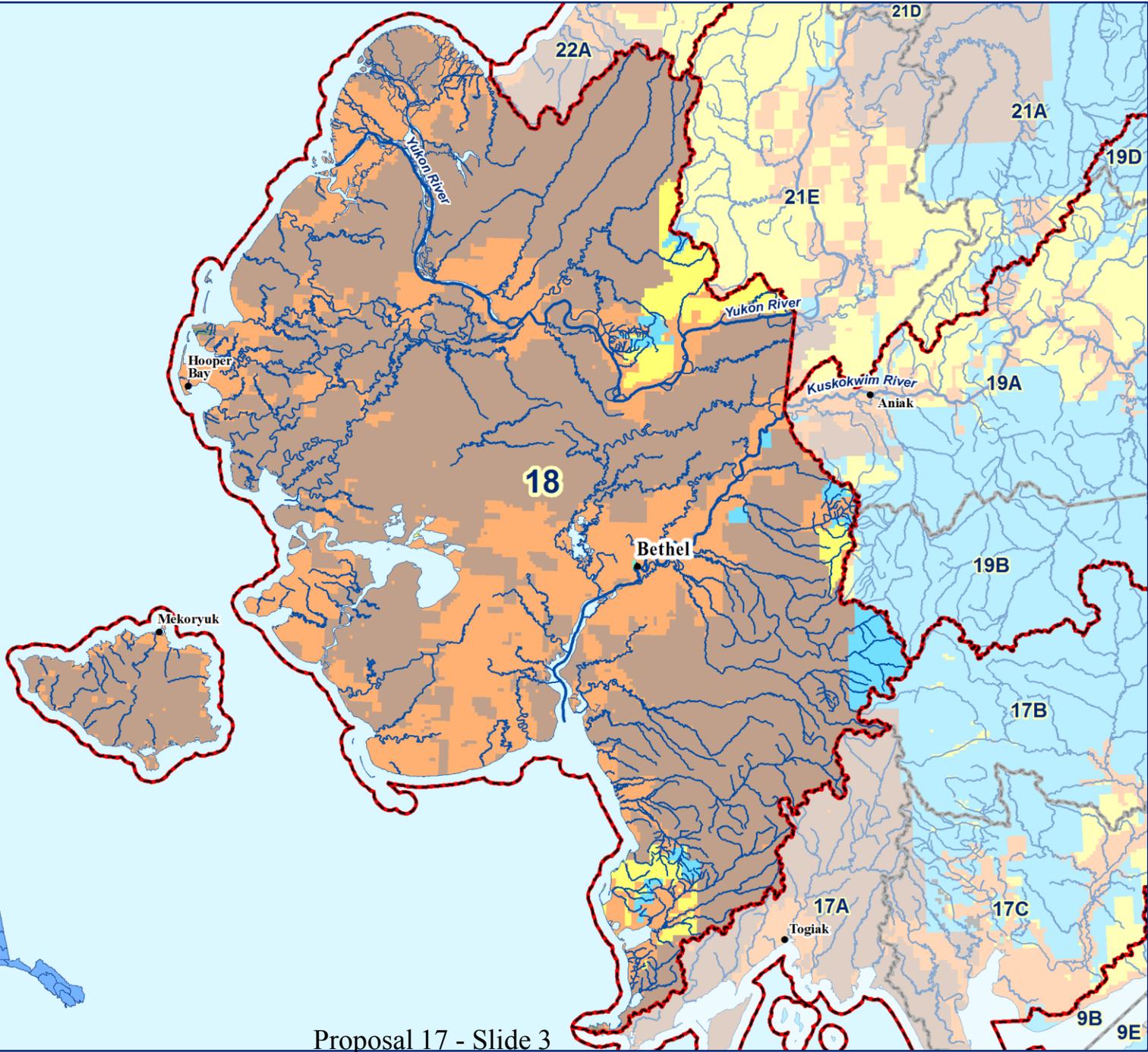
- Season  
Nov 1-Mar 31
- Bag limit  
2 lynx

## Proposal 16

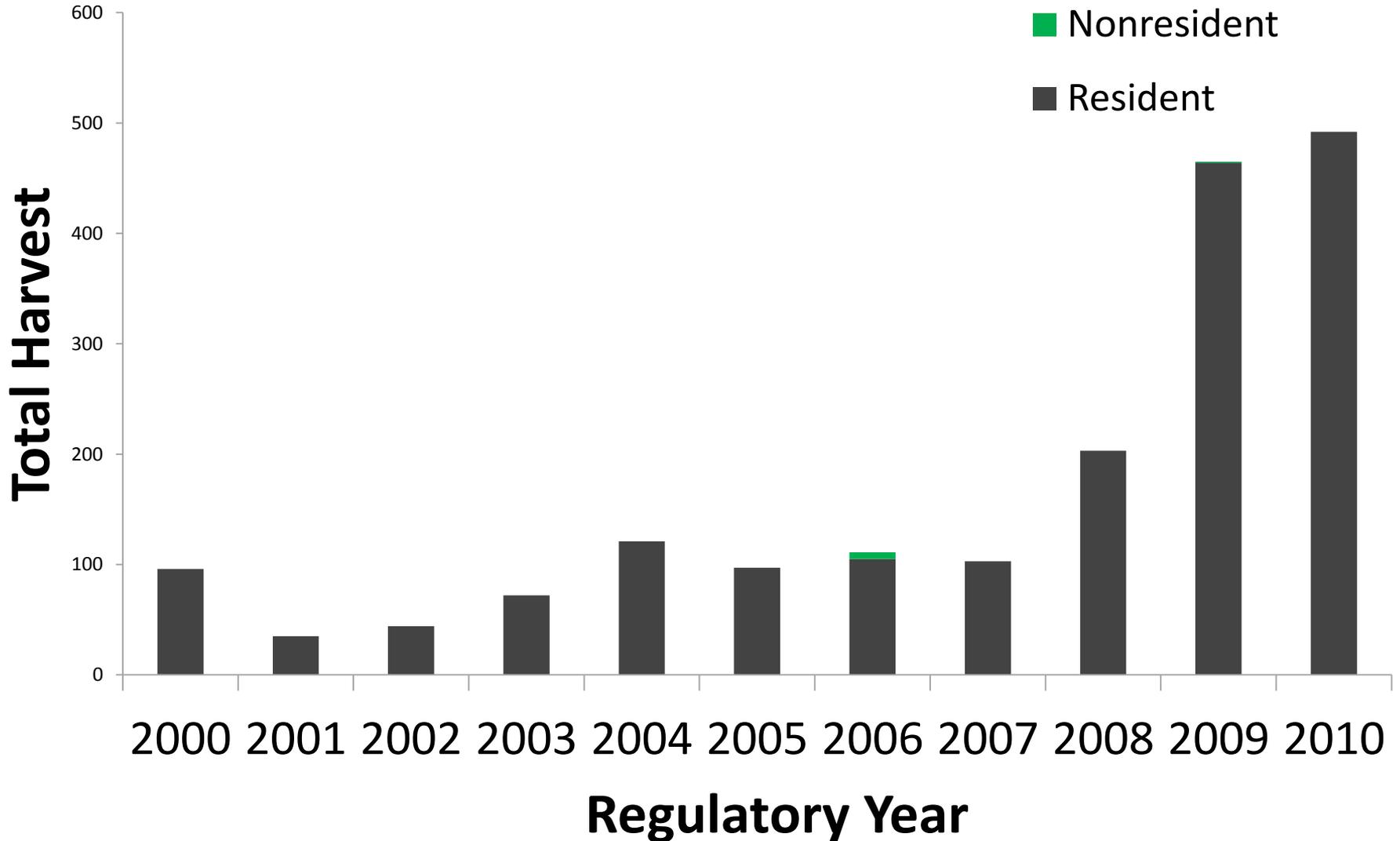
- Season  
**Aug 10 – Apr 30**
- Bag limit  
**5 lynx**

# Unit 18 Land Status

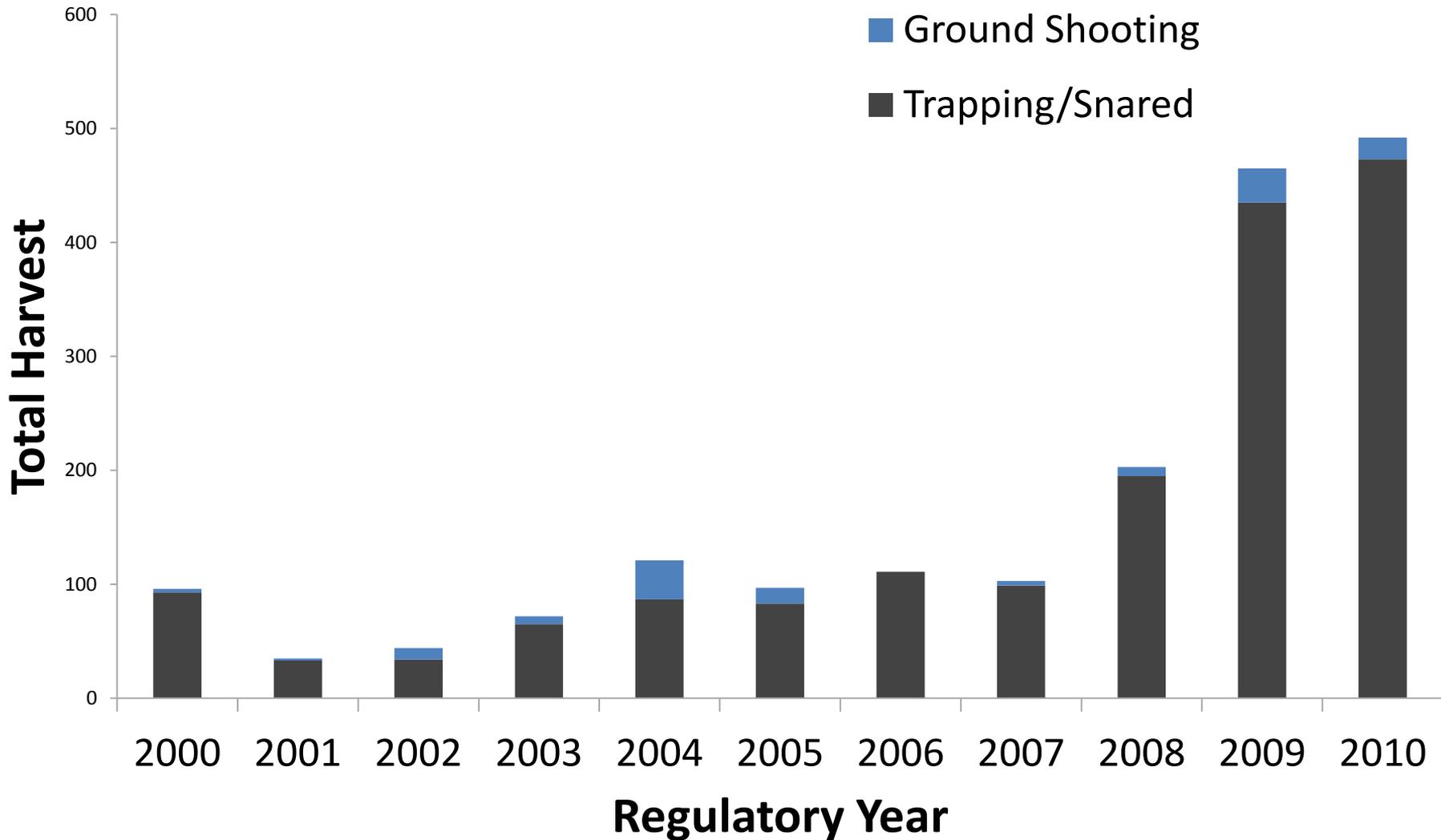
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



# Unit 18 Lynx Harvest By Residency, 2000-2010



# Unit 18 Lynx Harvest By Method, 2000-2010



# Questions ??

## **Proposal 16: Unit 18 Wolverine Bag Limit**

EFFECT OF THE PROPOSAL. This proposal increases the wolverine bag limit in Unit 18 to 2 wolverines per season. This would apply to both resident and nonresident hunting.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Wolverine Hunting Regulations

## Current Regulation

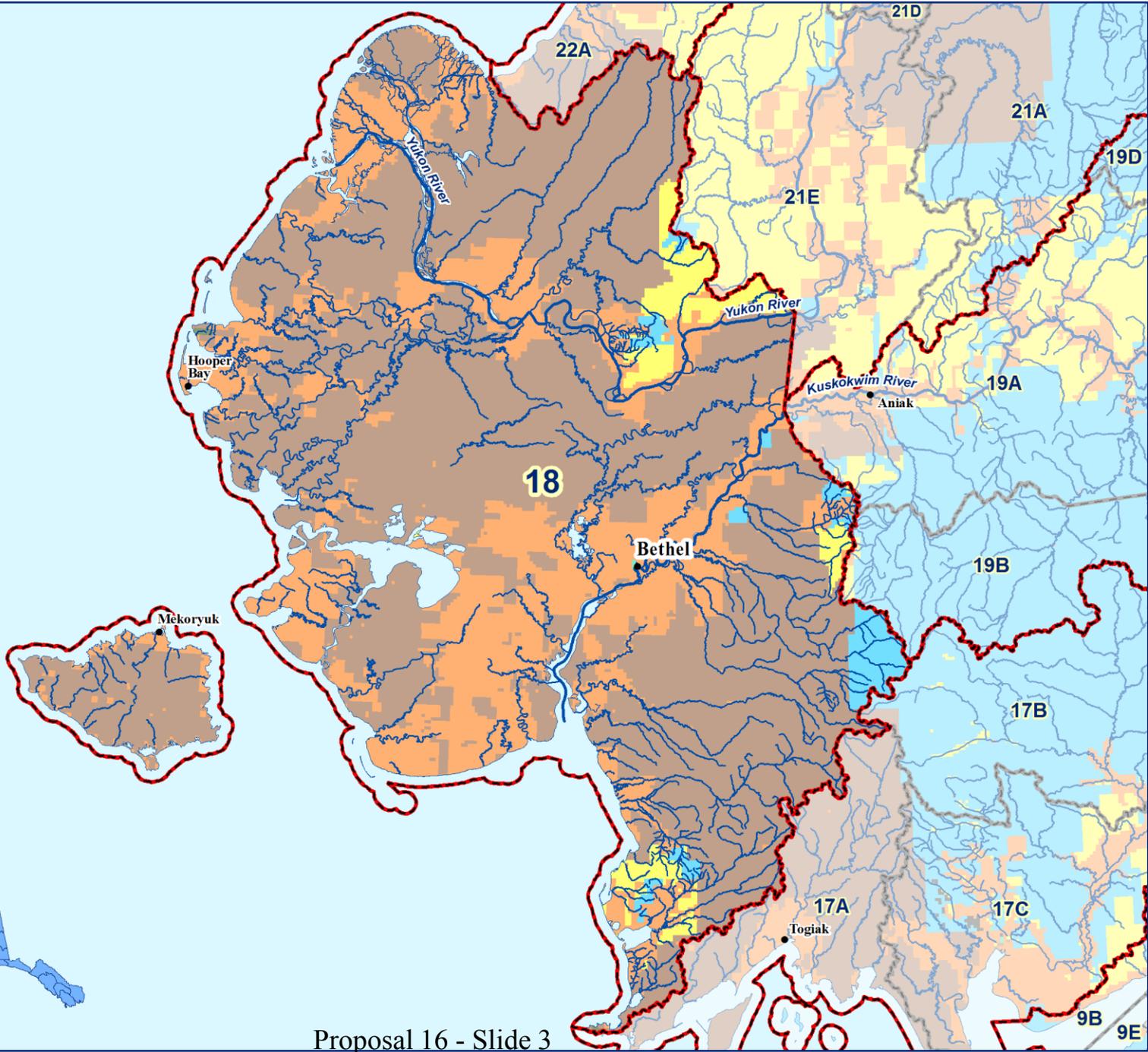
- Season  
Sept 1-Mar 31
- Bag limit  
1 wolverine

## Proposal 16

- Season  
Sept 1-Mar 31
- Bag limit  
2 wolverine

# Unit 18 Land Status

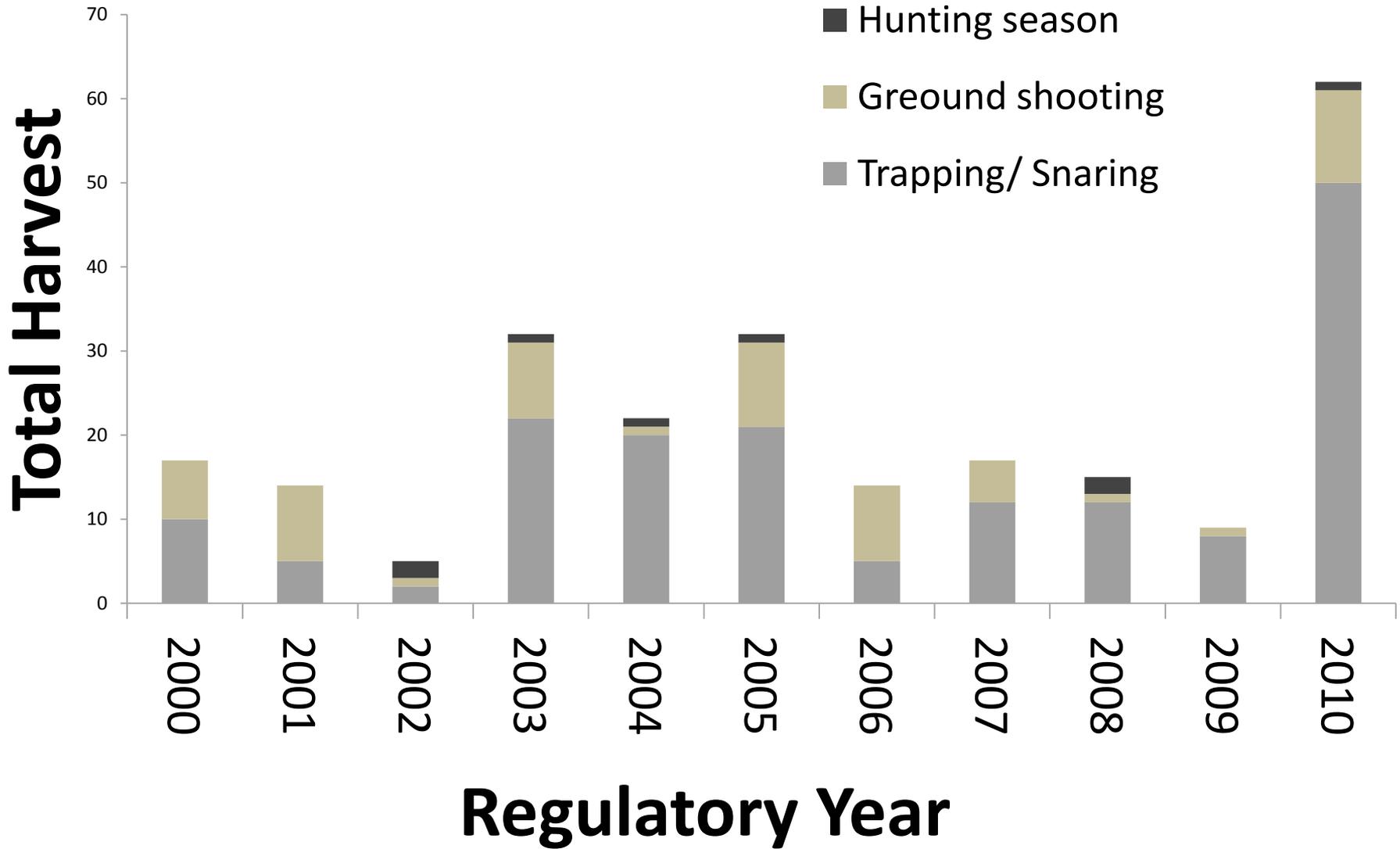
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



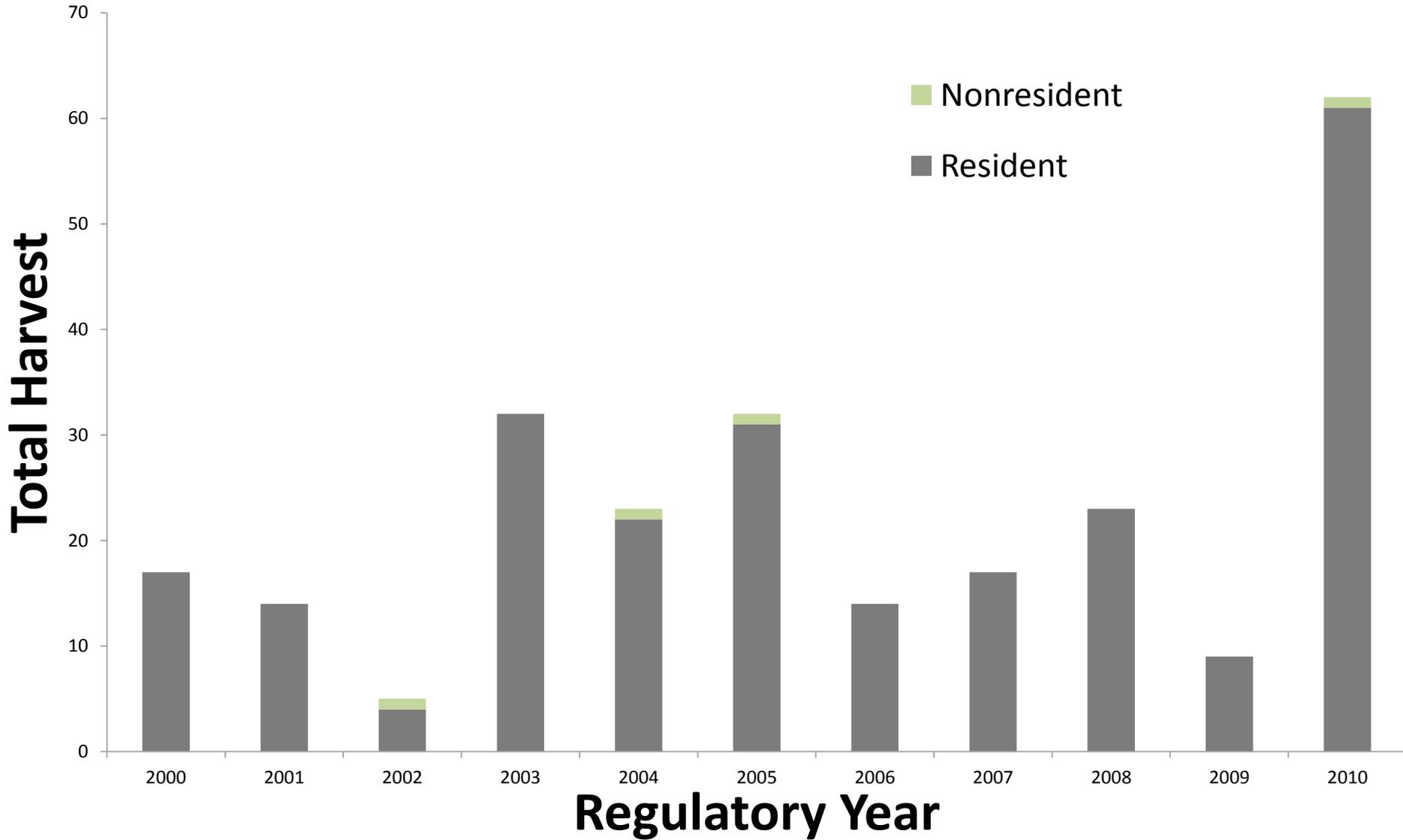
# Wolverine Harvest in GMU 18, 2000 - 2010

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

# Unit 18 Wolverine Harvest By Method, 2000-2010



# Unit 18 Wolverine Harvest By Residency, 2000-2010



# Questions ??

## **Proposal 15: Unit 18 Wolf Bag Limit**

EFFECT OF THE PROPOSAL. This proposal increases the wolf bag limit in Unit 18 from 5 wolves per season to 10 wolves per season. This would apply to both resident and nonresident hunting.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Adopt.**

Supported by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Wolf Hunting Regulations

## Current Regulation

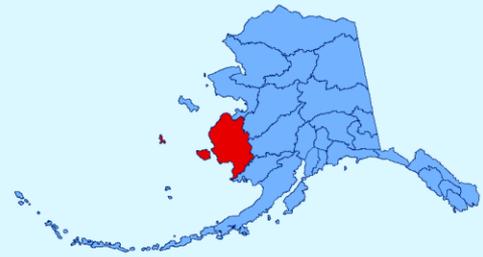
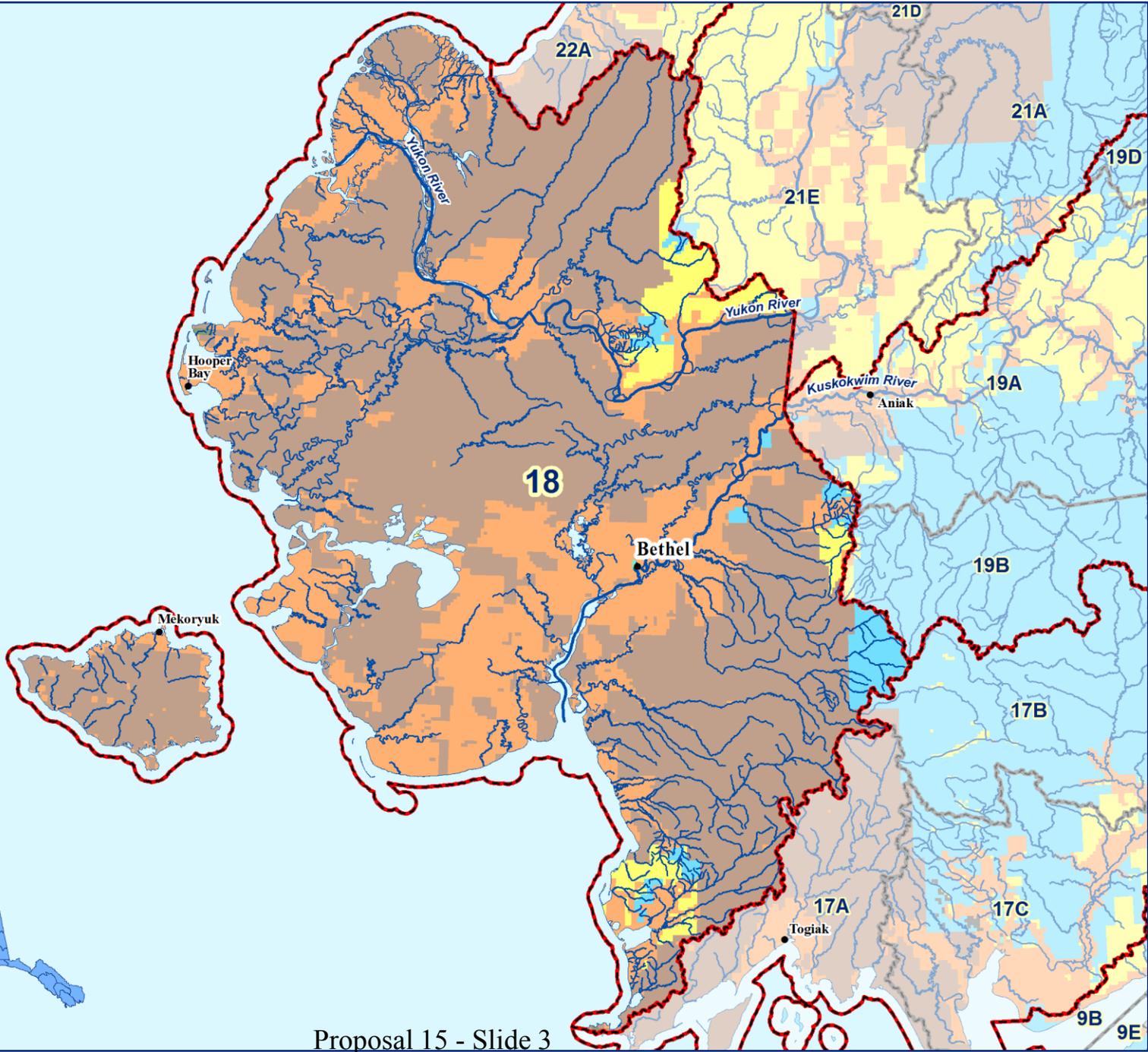
- Season  
Aug10-Apr 30
- Bag limit  
5 wolves

## Proposal 15

- Season  
Aug10-Apr 30
- Bag limit  
**10** wolves

# Unit 18 Land Status

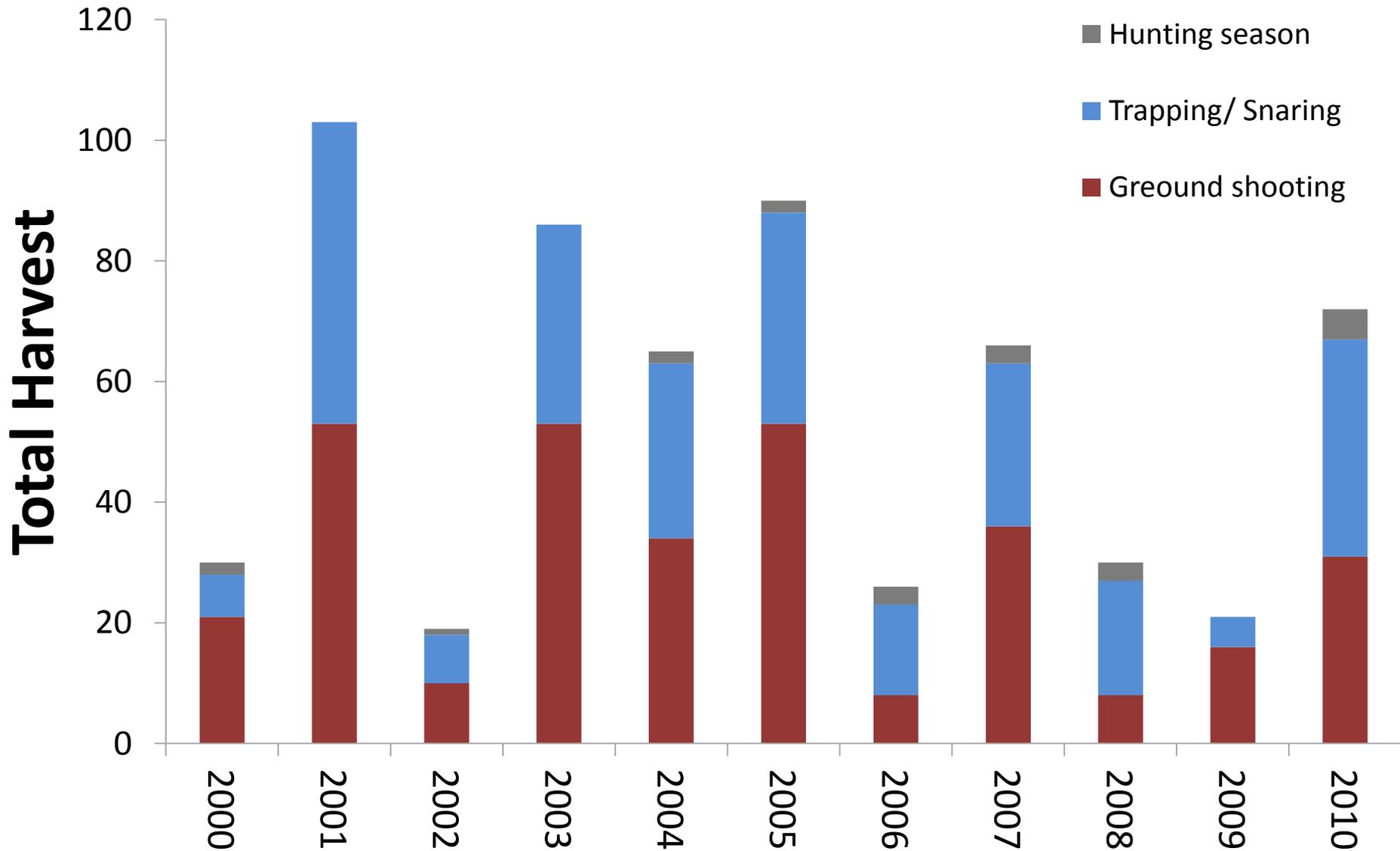
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



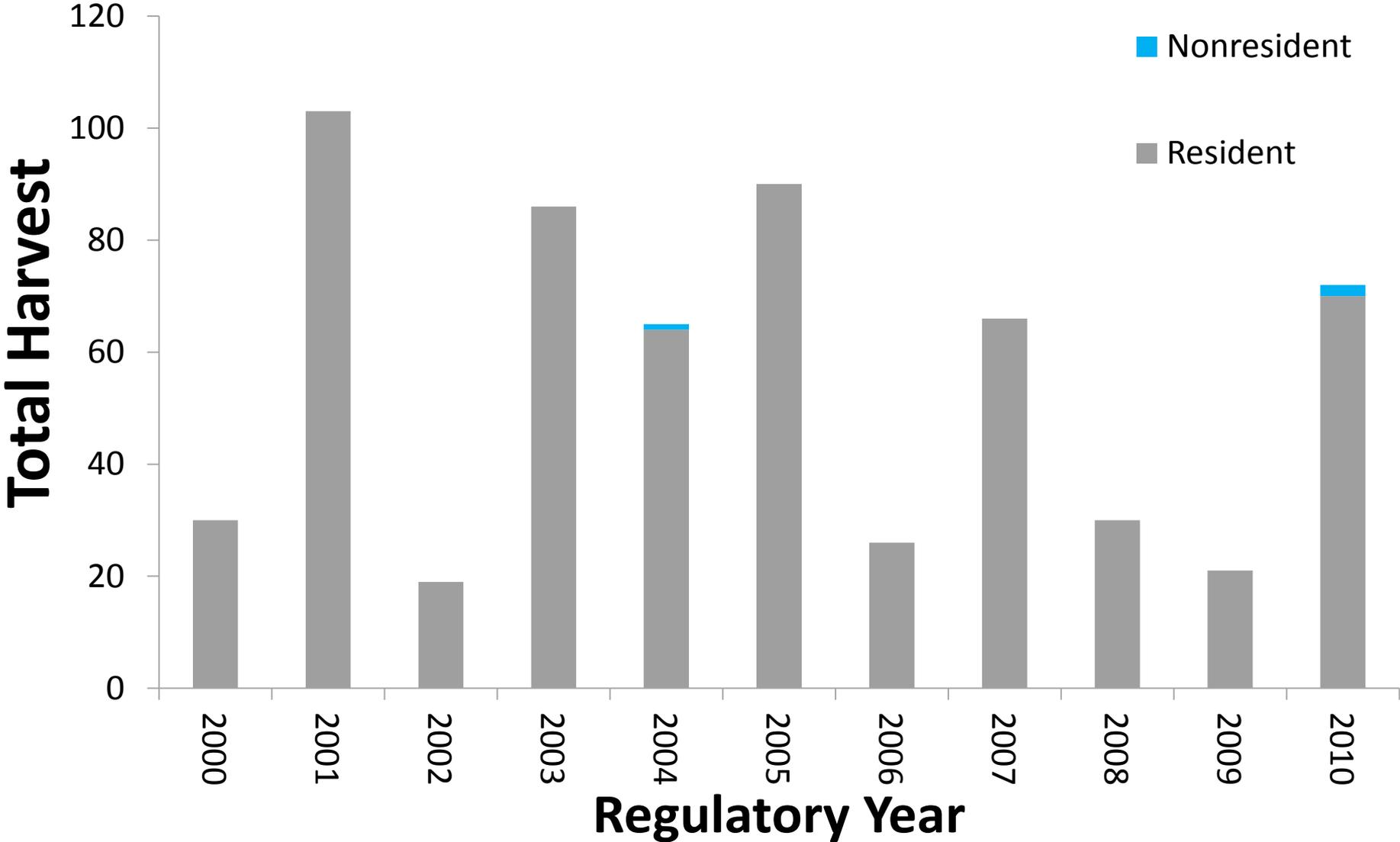
# Wolf Harvest in GMU 18, 2000-2010

<b>Year</b>	<b>Ground shooting Nov-Mar</b>	<b>Hunting season Aug-Oct, April</b>	<b>Trapping/ Snaring Nov-Mar</b>	<b>Total Harvest Aug-April</b>
<b>2000</b>	<b>21</b>	<b>2</b>	<b>7</b>	<b>30</b>
<b>2001</b>	<b>53</b>	<b>0</b>	<b>50</b>	<b>103</b>
<b>2002</b>	<b>10</b>	<b>1</b>	<b>8</b>	<b>19</b>
<b>2003</b>	<b>53</b>	<b>0</b>	<b>33</b>	<b>86</b>
<b>2004</b>	<b>34</b>	<b>2</b>	<b>29</b>	<b>65</b>
<b>2005</b>	<b>53</b>	<b>2</b>	<b>35</b>	<b>90</b>
<b>2006</b>	<b>8</b>	<b>3</b>	<b>15</b>	<b>26</b>
<b>2007</b>	<b>36</b>	<b>3</b>	<b>27</b>	<b>66</b>
<b>2008</b>	<b>8</b>	<b>3</b>	<b>19</b>	<b>30</b>
<b>2009</b>	<b>16</b>	<b>0</b>	<b>5</b>	<b>21</b>
<b>2010</b>	<b>31</b>	<b>5</b>	<b>36</b>	<b>72</b>

# Unit 18 Wolf Harvest By Method, 2000-2010



# Unit 18 Wolf Harvest By Residency, 2000-2010



# Questions??

## **Proposal 13: Unit 18 Wolf ANS Determination**

EFFECT OF THE PROPOSAL. This proposal seeks to establish an ANS number for wolves in Game Management Units 18, 22, 23, and 26A.

*This presentation covers Unit 18*

This is a public proposal.

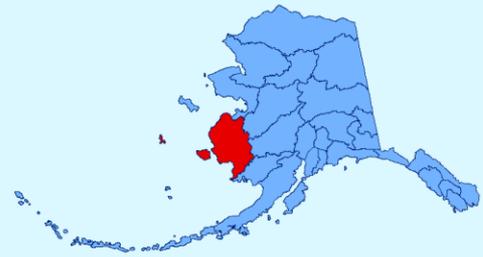
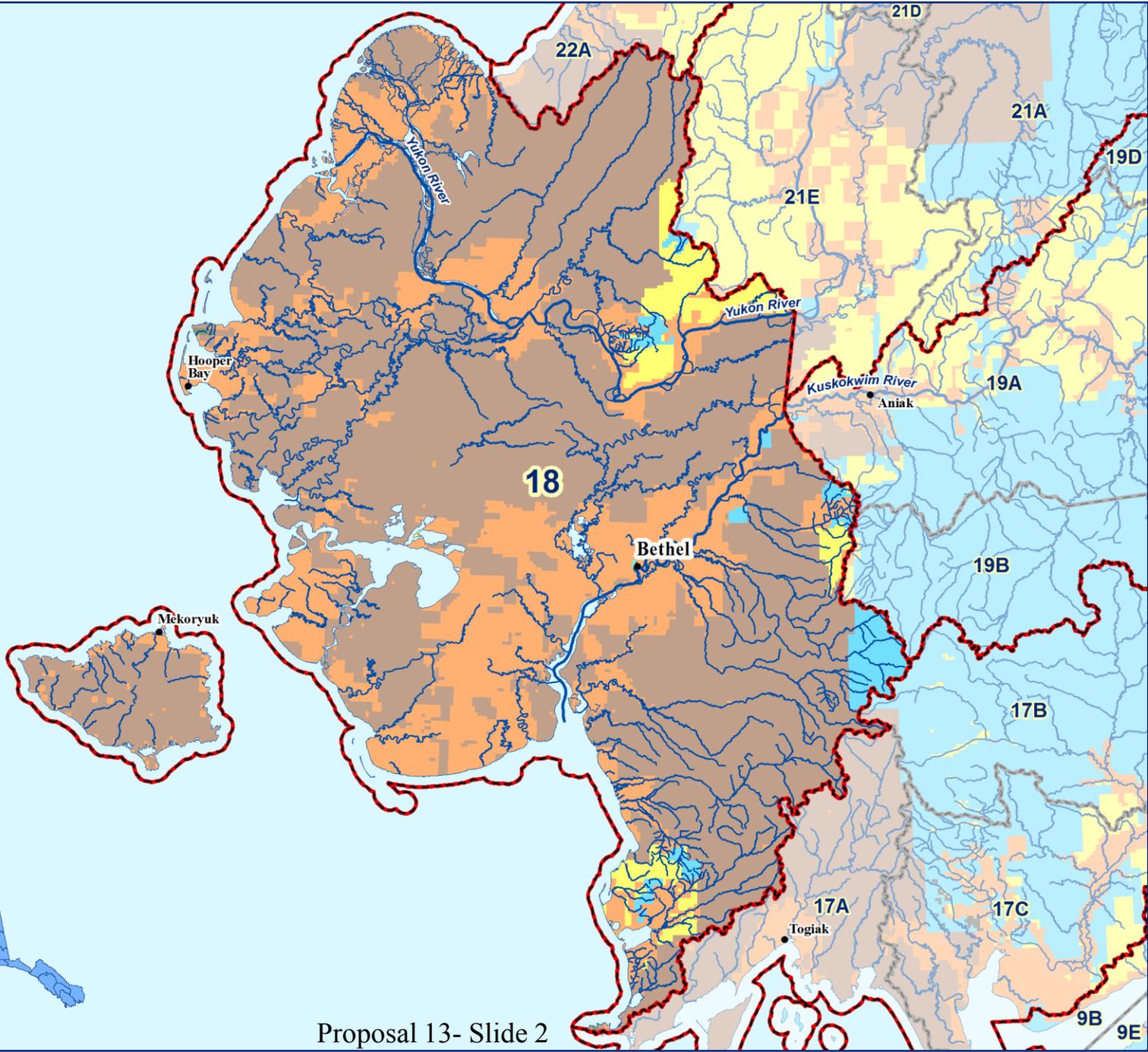
DEPARTMENT RECOMMENDATION: **No Recommendation.**

Opposed by:

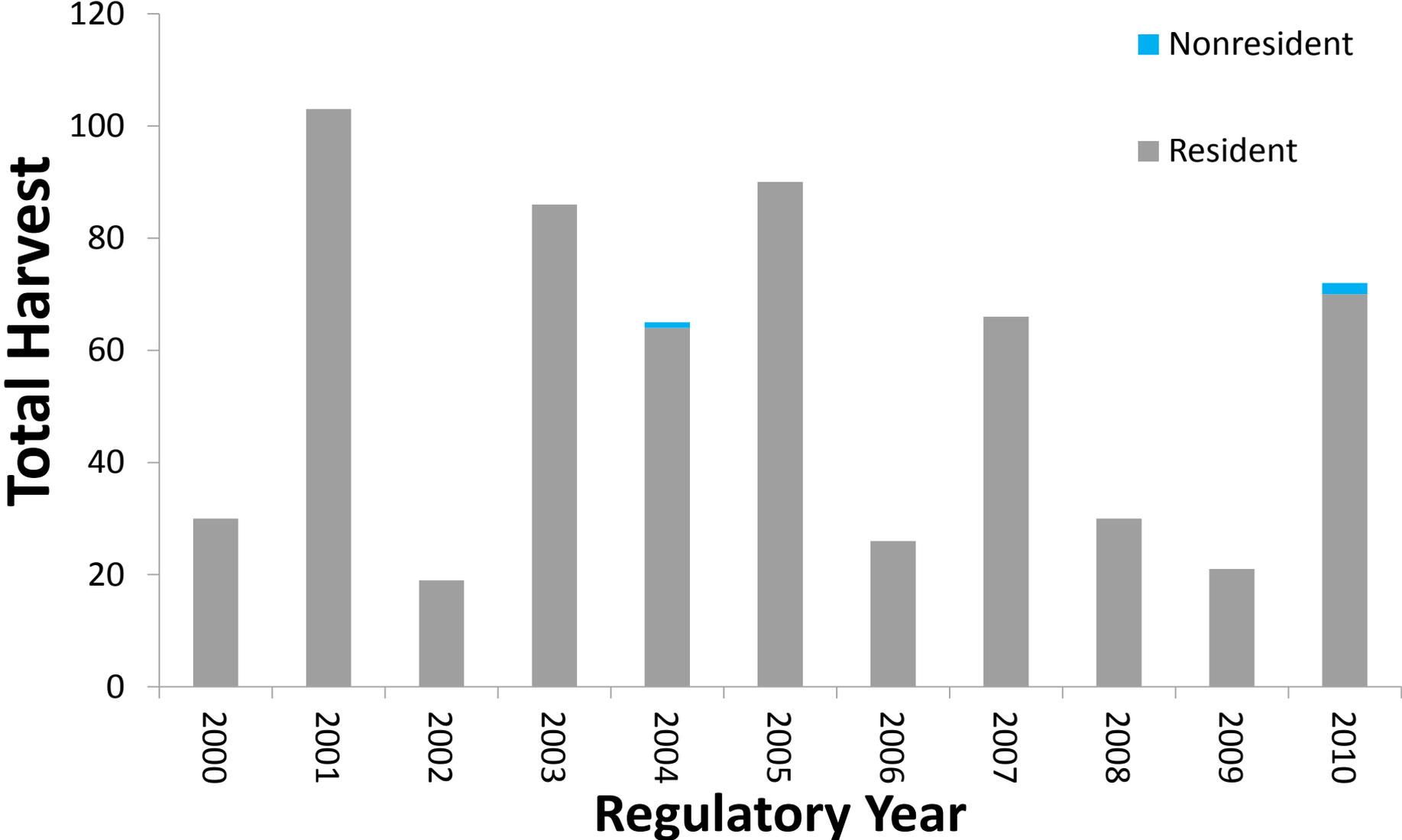
- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Land Status

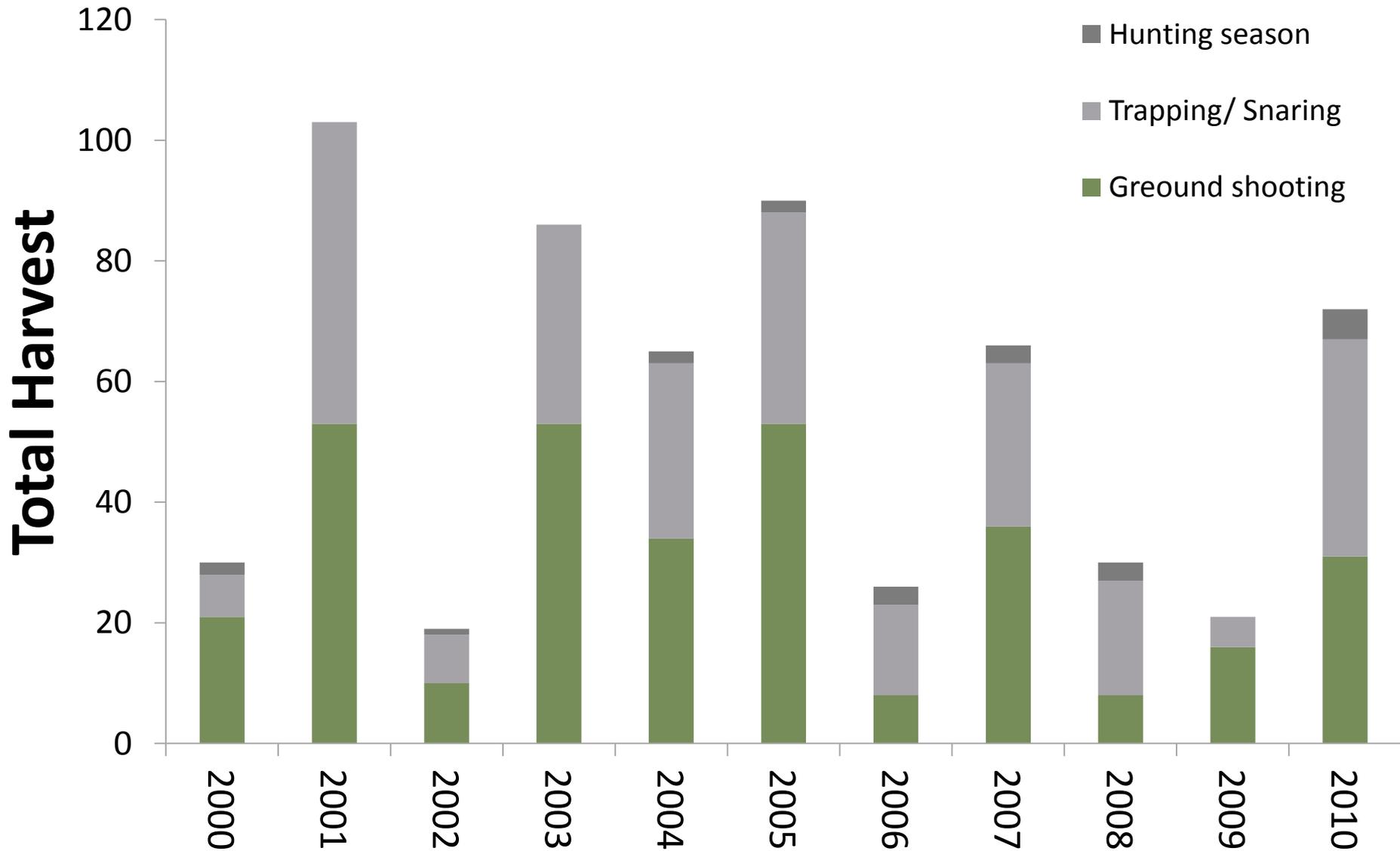
- Unit Boundary
- State
- Native
- Bureau of Land Management
- National Wildlife Refuge



# Unit 18 Wolf Harvest By Residency, 2000-2010



# Unit 18 Wolf Harvest By Method, 2000-2010



## **Proposal 12: Unit 18 Moose / Boat Under Power**

EFFECT OF THE PROPOSAL. This proposal allows the taking of moose from a boat under power in the Lower Yukon Area of Unit 18.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Do Not Adopt.**

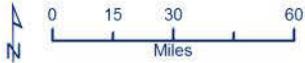
Supported by:

- Lower Kuskokwim Advisory Committee if amended to apply to all of Unit 18

Opposed by:

- Central Bering Sea Advisory Committee

# Unit 18 Moose Hunt Area



# Boat Under Power Regulations

- **Current (Game)**

- **5 AAC 92.080 Unlawful methods of taking game; exceptions.** The following methods and means of taking game are prohibited:

...

(4) unless otherwise provided in this chapter, from a motor-driven boat or a motorized land vehicle, unless the motor has been completely shut off and the progress from the motor's power has ceased, except that a

(A) motor-driven boat may be used as follows:

- (i) in Units 23 and 26 to take caribou;
- (ii) notwithstanding any other provision in this section, in Unit 22 to position hunters to select individual wolves for harvest;
- (iii) under authority of a permit issued by the department;

- **Current (Big Game)**

- **5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(7) while a big game animal is swimming, except that a swimming caribou may be taken in Unit 23;

# Proposal 12: Unit 18 Moose / Boat Under Power

## Summary

- Statewide scope to prohibit the use of a boat under power ('game')
- Statewide scope to prohibit take of swimming big game, except caribou in Unit 23
- Unsafe hunting practice related to firearm hunting accidents
- Seasons are long allowing liberal hunting opportunity

**Questions?**

# Changes Needed To Boat Under Power Regulations

- **Proposed (Game)**

- **5 AAC 92.080 Unlawful methods of taking game; exceptions.** The following methods and means of taking game are prohibited:

...

(4) unless otherwise provided in this chapter, from a motor-driven boat or a motorized land vehicle, unless the motor has been completely shut off and the progress from the motor's power has ceased, except that a

(A) motor-driven boat may be used as follows:

- (i) in Units 23 and 26 to take caribou;
- (ii) notwithstanding any other provision in this section, in Unit 22 to position hunters to select individual wolves for harvest;
- (iii) under authority of a permit issued by the department;

**(iv) in the Lower Yukon Area of Unit 18 to take moose;**

- **Proposed (Big Game)**

- **5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(7) while a big game animal is swimming, except that a swimming caribou may be taken in Unit 23 **and a swimming moose may be taken in the Lower Yukon Area of Unit 18;**

## **Proposal 11: Unit 18 Moose / Salt Licks**

EFFECT OF THE PROPOSAL. This proposal allows the use of salt licks for the taking of moose in Unit 18.

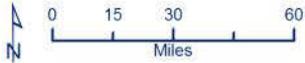
This is a public proposal.

DEPARTMENT RECOMMENDATION: **Do Not Adopt.**

Opposed by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

# Unit 18 Moose Hunt Area



## Salt Lick and Bait Regulations

- Current (Game)

**5 AAC 92.080 Unlawful methods of taking game; exceptions.** (a) The following methods of taking game are prohibited:

...

(7) with the aid of a pit, fire, artificial light, laser sight, electronically enhanced night vision scope, radio communication, cellular or satellite telephone, **artificial salt lick**, explosive, expanding gas arrow, bomb, smoke, chemical (excluding scent lures), or a conventional steel trap with an inside jaw spread over nine inches, except that ...

- Current (Big Game)

**5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(4) with the **aid of bait for ungulates** and with the use of bait or scent lures for any bears, except that black bears may be taken with the use of bait or scent lures as authorized by a permit issued under 5 AAC 92.044;

# **Proposal 11: Unit 18 Moose / Salt Licks**

## **Summary**

- Statewide scope to prohibit the use of salt licks ('game' and 'big game')
- Attracts moose from unknown distances
- Concentrates animals at a specific location
- Brings moose out of cover and into range of hunters
- Makes animals vulnerable to harvest

**Questions?**

# Changes Needed To Salt Lick and Bait Regulations

- **Proposal 11 (Game)**

**5 AAC 92.080 Unlawful methods of taking game; exceptions.** (a) The following methods of taking game are prohibited:

...

(7) with the aid of a pit, fire, artificial light, laser sight, electronically enhanced night vision scope, radio communication, cellular or satellite telephone, artificial salt lick **except in the Lower Yukon Area of Unit 18**, explosive, expanding gas arrow, bomb, smoke, chemical (excluding scent lures), or a conventional steel trap with an inside jaw spread over nine inches, except that ...

- **Proposal 11 (Big Game)**

**5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(4) with the aid of bait for ungulates and with the use of bait or scent lures for any bears, except that black bears may be taken with the use of bait or scent lures as authorized by a permit issued under 5 AAC 92.044; **and moose may be taken with the use of a salt lick in the Lower Yukon Area of Unit 18;**

## Proposal 11: Unit 18 Moose / Salt Licks

EFFECT OF THE PROPOSAL. This proposal allows the use of salt licks for the taking of moose in Unit 18.

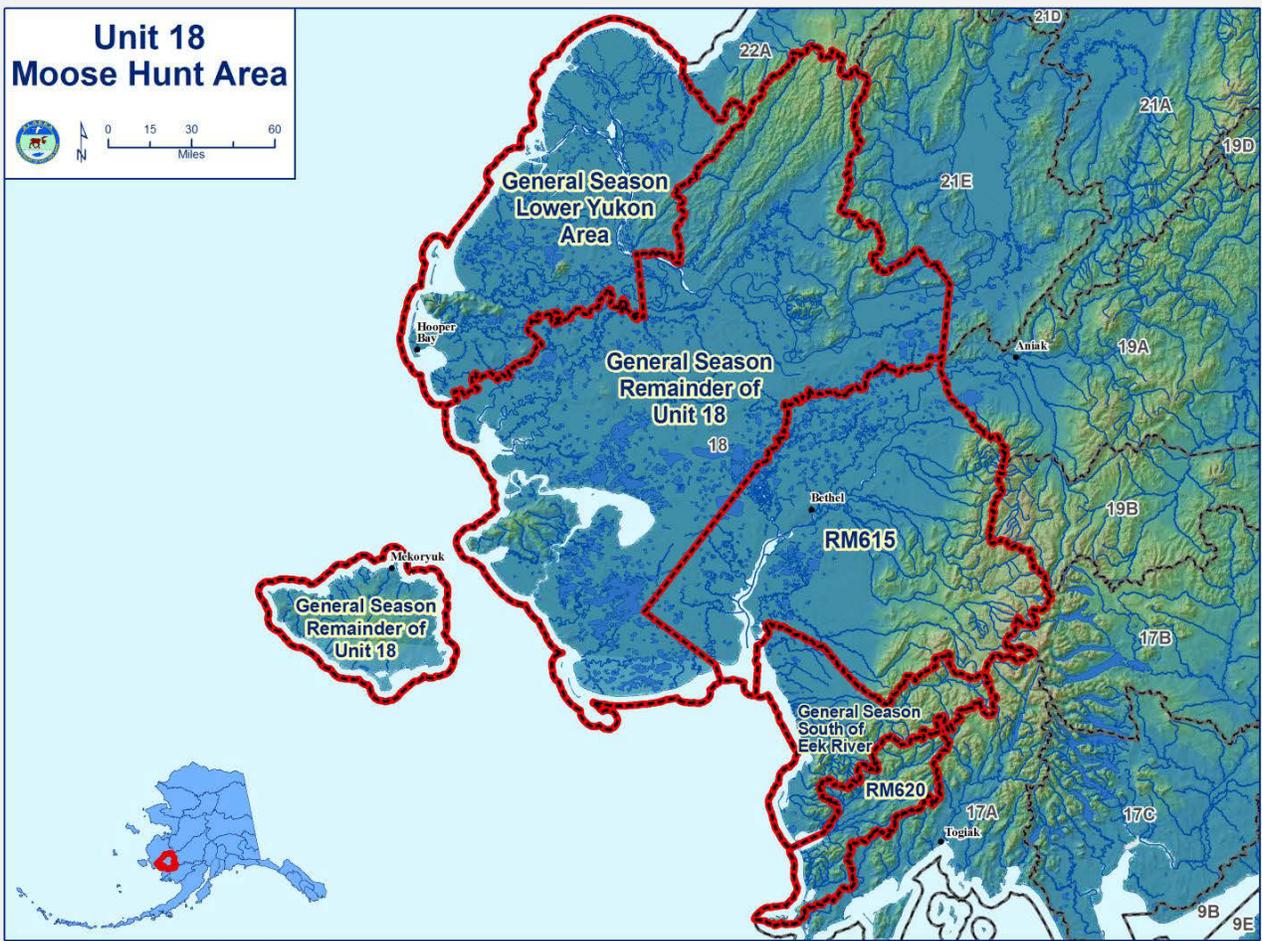
This is a public proposal.

DEPARTMENT RECOMMENDATION: Do Not Adopt.

Opposed by:

- Central Bering Sea Advisory Committee
- Lower Kuskokwim Advisory Committee

Proposal 11 - Slide 1



Proposal 11 - Slide 2

## Salt Lick and Bait Regulations

- Current (Game)

**5 AAC 92.080 Unlawful methods of taking game; exceptions.** (a) The following methods of taking game are prohibited:

...

(7) with the aid of a pit, fire, artificial light, laser sight, electronically enhanced night vision scope, radio communication, cellular or satellite telephone, **artificial salt lick**, explosive, expanding gas arrow, bomb, smoke, chemical (excluding scent lures), or a conventional steel trap with an inside jaw spread over nine inches, except that ...

- Current (Big Game)

**5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(4) with the **aid of bait for ungulates** and with the use of bait or scent lures for any bears, except that black bears may be taken with the use of bait or scent lures as authorized by a permit issued under 5 AAC 92.044;

Proposal 11 - Slide 3

## Proposal 11: Unit 18 Moose / Salt Licks

### Summary

- Statewide scope to prohibit the use of salt licks ('game' and 'big game')
- Attracts moose from unknown distances
- Concentrates animals at a specific location
- Brings moose out of cover and into range of hunters
- Makes animals vulnerable to harvest

Proposal 11 – Slide 4

**Questions?**

## **Proposal 18: Unit 18 Incidental Take By Trapping**

EFFECT OF THE PROPOSAL. This proposal seeks to clarify when a violation has occurred concerning incidental take by trappers.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **No Recommendation.**

Supported if amended by:

- Lower Kuskokwim Advisory Committee  
AC amendment would clarify :
  - 5AAC 92.095 unlawful methods of taking furbearers; exceptions.
  - 5AAC 92.140(d) unlawful possession or transportation

No action by:

- Central Bering Sea Advisory Committee

Proposal 18 - Slide 1

## **Incidental Take Regulations**

- **Current (Furbearers)**

**5 AAC 92.095 Unlawful methods of taking furbearers; exceptions.** (a) The following methods and means of taking furbearers under a trapping license are prohibited, in addition to prohibitions in 5 AAC 92.080:

...

(12) by placing or leaving an active trap or snare set on land that is within 300 feet of the site at which a moose, caribou, or deer was taken using a trap or snare; this prohibition applies for the duration of the regulatory year in which the moose, caribou, or deer was taken using the trap or snare;

- **LKAC Amendment**

**5 AAC 92.095 Unlawful methods of taking furbearers; exceptions.** (a) The following methods and means of taking furbearers under a trapping license are prohibited, in addition to prohibitions in 5 AAC 92.080:

...

(12) by placing or leaving an active trap or snare [SET ON LAND THAT IS] within 300 feet of the site at which a moose, caribou, or deer was taken using a trap or snare; this prohibition applies for the duration of the regulatory year **, and may reset again in the same place or area during subsequent trapping seasons** in which the moose, caribou, or deer was taken using the trap or snare;

Proposal 18 - Slide 2

# Methods and Possession

## Current Regulation

### •5 AAC 92.140

-(d) Notwithstanding (a) of this section, it is an affirmative defense to the crime of unlawful possession or transports of game, if the person who possesses and transports game or parts of game taken in violation of AS 16 or a regulation adopted under AS 16 is doing so for the sole purpose of salvaging that game or parts of game as required by 5 AAC 92.220, immediately salvages that game or parts of that game from the field and immediately surrenders that game or parts of the game to a representative of the state located at the nearest office of the Department of Fish and Game or Department of Public Safety.

## LKAC Amendment

- 5 AAC 92.140
- (d) Notwithstanding (a) of this section, it is an affirmative defense to the crime of unlawful possession or transports of game, if the person who possesses and transports game or parts of game taken in violation of AS 16 or a regulation adopted under AS 16 is doing so for the sole purpose of salvaging that game or parts of game as required by 5 AAC 92.220, immediately salvages that game or parts of that game from the field and immediately surrenders that game or parts of the game to a representative of the state located at the nearest office of the Department of Fish and Game or Department of Public Safety; **or it is an affirmative defense to the crime of unlawful taking of game if a trapper who incidentally catches game in a trap or snare reports the taking (harvest) to the nearest office of the Department of Fish and Game. The trapper who incidentally takes game should salvage the edible meat and surrender it to the state.**

Proposal 18 - Slide 3

## Proposal 18: Unit 18 Incidental Take By Trapping

### Summary

- Statewide scope currently prohibits trapping after incidental take of moose, caribou, and deer
- Moose have expanded into Unit 18 causing 'first time' situations for many trappers
- Low rates of incidental catch in Unit 18; not a concern to moose population
- Salvage for 'illegally taken game' as required in 5 AAC 92.140 (d) is difficult for trappers due to:
  - Infrequent trap-checks
  - Spoilage of meat from inside-out
  - Large frozen carcasses (moose, caribou)
  - Long travel distances

Proposal 18 - Slide 4

# Questions??

## Proposal 12: Unit 18 Moose / Boat Under Power

EFFECT OF THE PROPOSAL. This proposal allows the taking of moose from a boat under power in the Lower Yukon Area of Unit 18.

This is a public proposal.

DEPARTMENT RECOMMENDATION: **Do Not Adopt.**

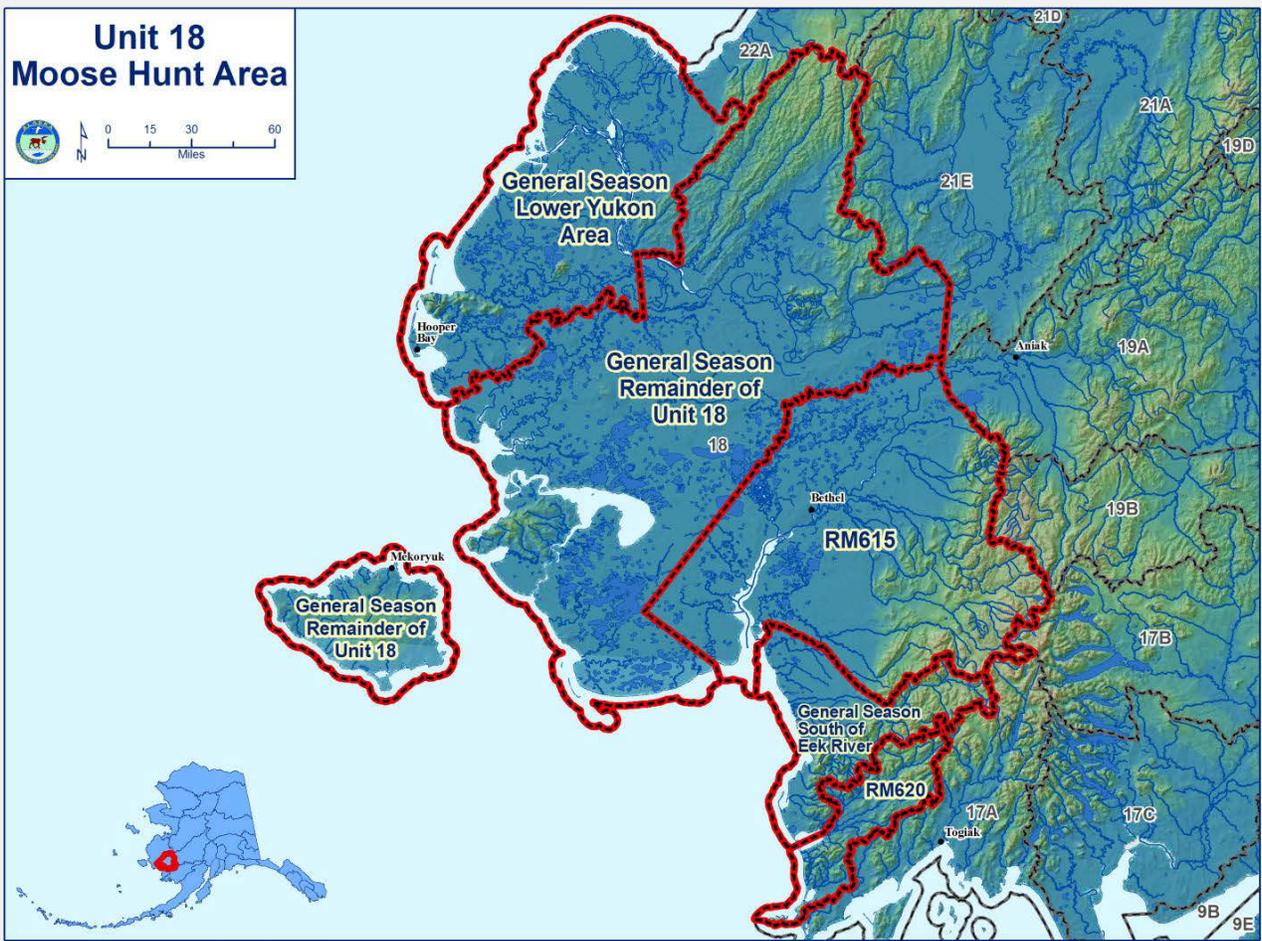
Supported by:

- Lower Kuskokwim Advisory Committee if amended to apply to all of Unit 18

Opposed by:

- Central Bering Sea Advisory Committee

Proposal 12 - Slide 1



Proposal 12 - Slide 2

## **Boat Under Power Regulations**

- **Current (Game)**

- **5 AAC 92.080 Unlawful methods of taking game; exceptions.** The following methods and means of taking game are prohibited:

...

(4) unless otherwise provided in this chapter, from a motor-driven boat or a motorized land vehicle, unless the motor has been completely shut off and the progress from the motor's power has ceased, except that a

(A) motor-driven boat may be used as follows:

(i) in Units 23 and 26 to take caribou;

(ii) notwithstanding any other provision in this section, in Unit 22 to position hunters to select individual wolves for harvest;

(iii) under authority of a permit issued by the department;

- **Current (Big Game)**

- **5 AAC 92.085 Unlawful methods of taking big game; exceptions.** (a) The following methods and means of taking big game are prohibited in addition to the prohibition in 5 AAC 92.080:

...

(7) while a big game animal is swimming, except that a swimming caribou may be taken in Unit 23;

Proposal 12 - Slide 3

## **Proposal 12: Unit 18 Moose / Boat Under Power**

### **Summary**

- Statewide scope to prohibit the use of a boat under power ('game')
- Statewide scope to prohibit take of swimming big game, except caribou in Unit 23
- Unsafe hunting practice related to firearm hunting accidents
- Seasons are long allowing liberal hunting opportunity

Proposal 12 - Slide 4

**Questions?**

Proposal 11 - Slide 5