

# Proposal 57

## Allow Residents to Harvest Game From a Boat Under Power in Unit 21

Middle Yukon Fish and Game Advisory Committee Proposal

### Department Recommendation – Neutral

KRAC – Support (with amendments)

MYAC – Support

Ruby AC–Support

GASH AC – Oppose

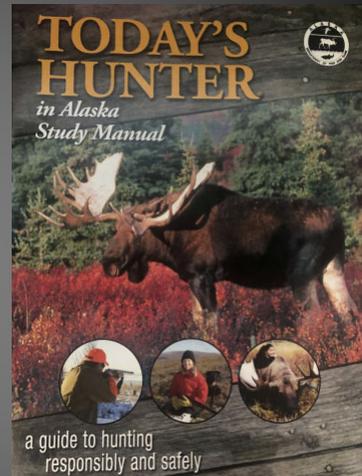
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# Proposal 57

## Methods and Means / Unit 21

- Safety:
  - Shooting from a moving surface is unstable and creates improper balance
  - Firearms should be unloaded and securely stored before transporting
  - Before boarding a boat, place the unloaded firearm in the bow of the boat with the muzzle pointing forward



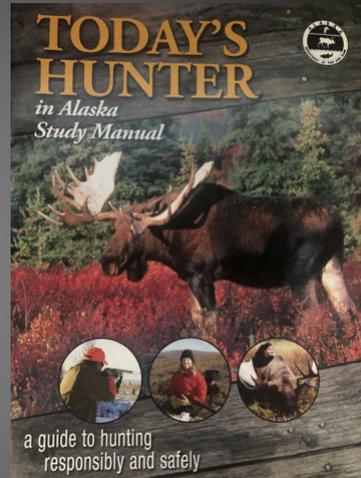
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## Proposal 57

Methods and Means / Unit 21

- Accuracy
  - Using correct firing techniques; unsteady boats do not allow for accurate placement of a shot
  - Learning how to place a shot for a clean kill prevents wounding loss
  - Understanding the importance of hunting ethically. Poor shot placement is not ethical



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## Proposal 57

### Allow Residents to Harvest Game From a Boat Under Power in Unit 21

Middle Yukon Fish and Game Advisory Committee Proposal

#### Department Position – Neutral

KRAC – Support (with amendments)

MYAC – Support

Ruby AC – Support

GASH AC – Oppose

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# Proposal #58

## Establish a Controlled Use Area in the Kaiyuh Flats area of 21D

Proponent – Middle Yukon AC

ADF&G – **Neutral**

MYAC – **Support**    Ruby AC – **Support**

**Create Kaiyuh CUA – 58-1**

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# Proposal #58

## Kaiyuh Flats CUA

### Current Seasons

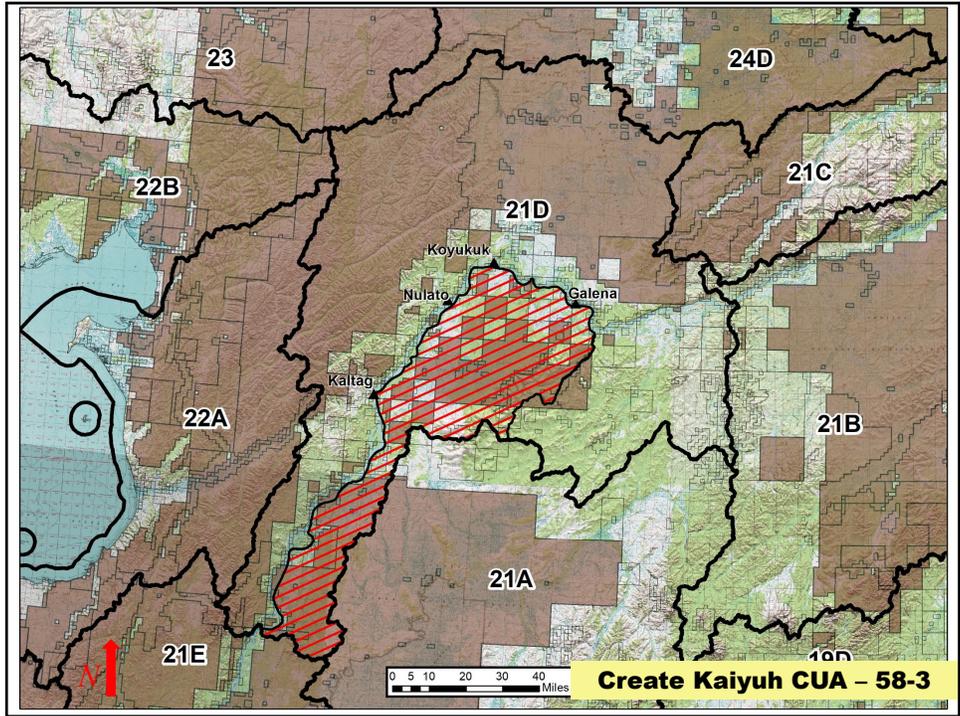
- **Aug 22-31**
- **Sept 5-25**
- **March 1-31 (15 days TBA)**

### Proposed Restrictions

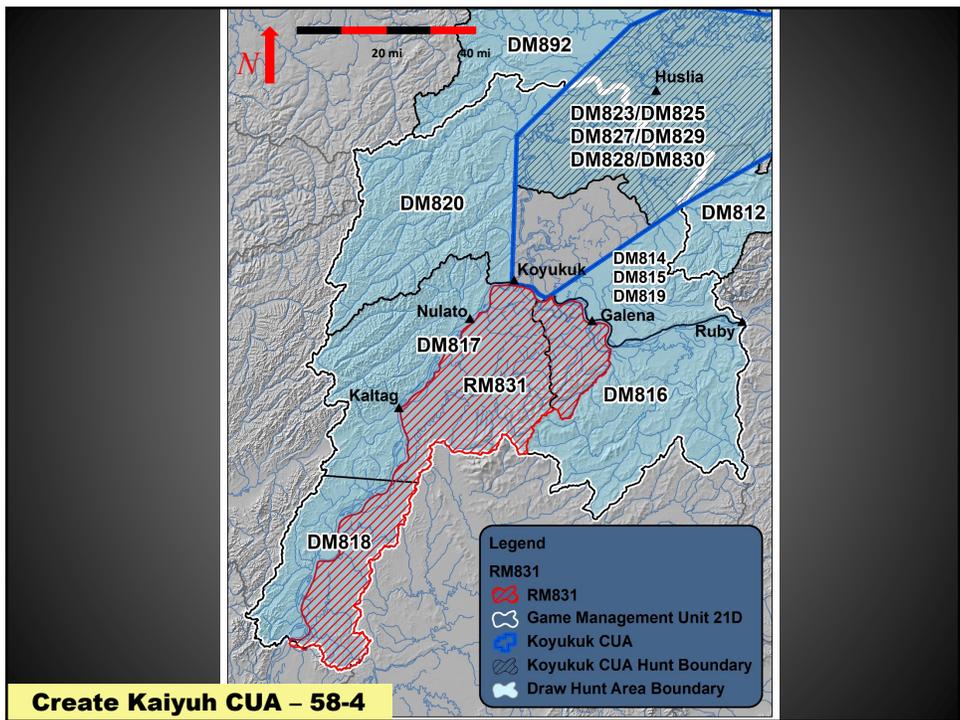
**No aircraft for moose hunting, year-round.  
(same as Koyukuk CUA)**

**Create Kaiyuh CUA – 58-2**

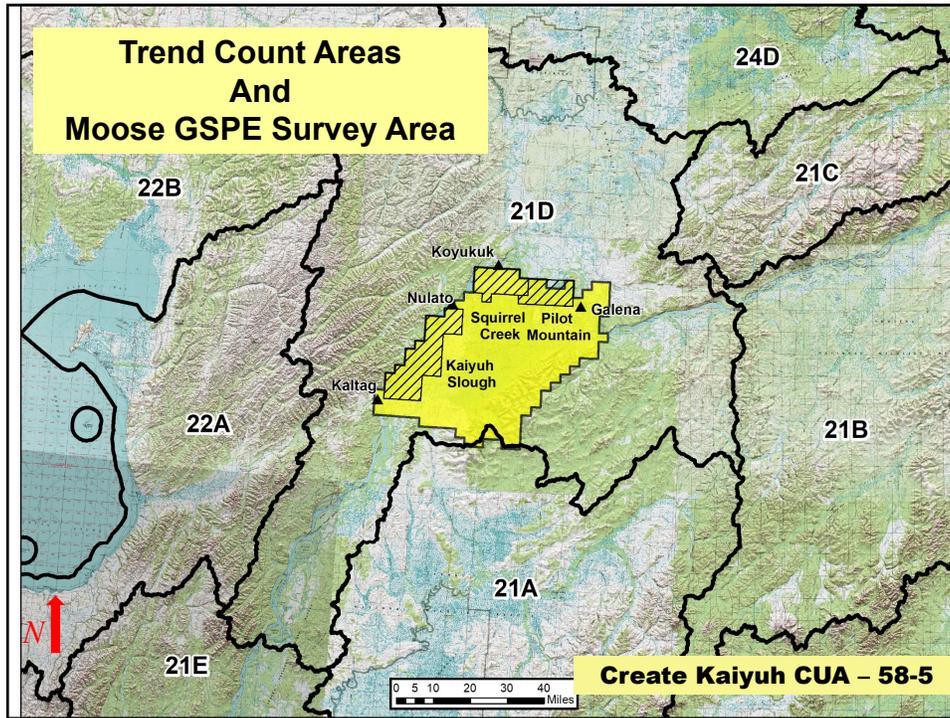
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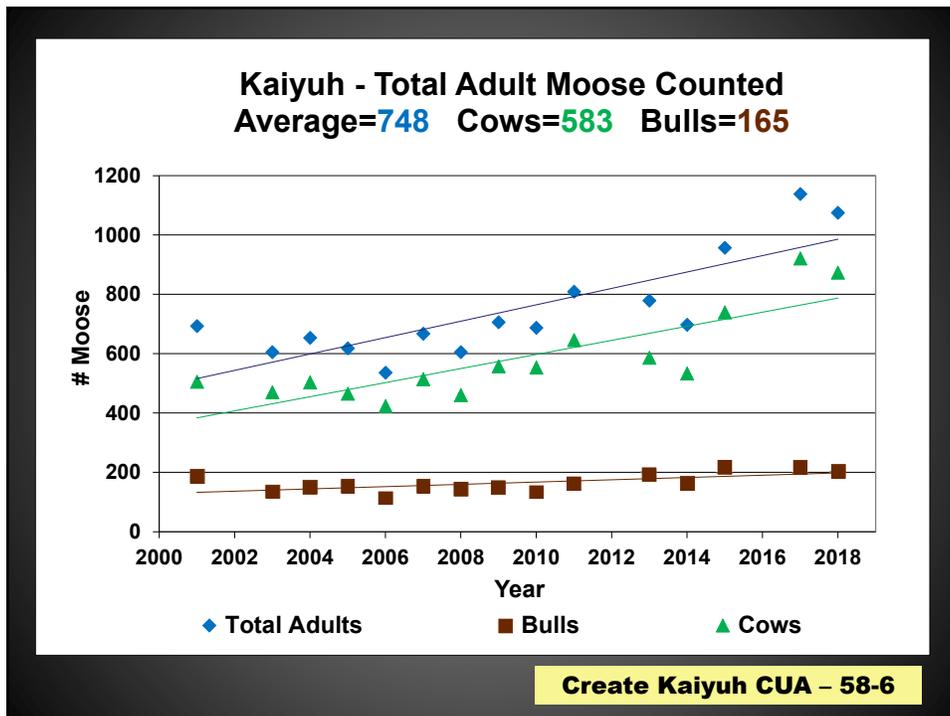
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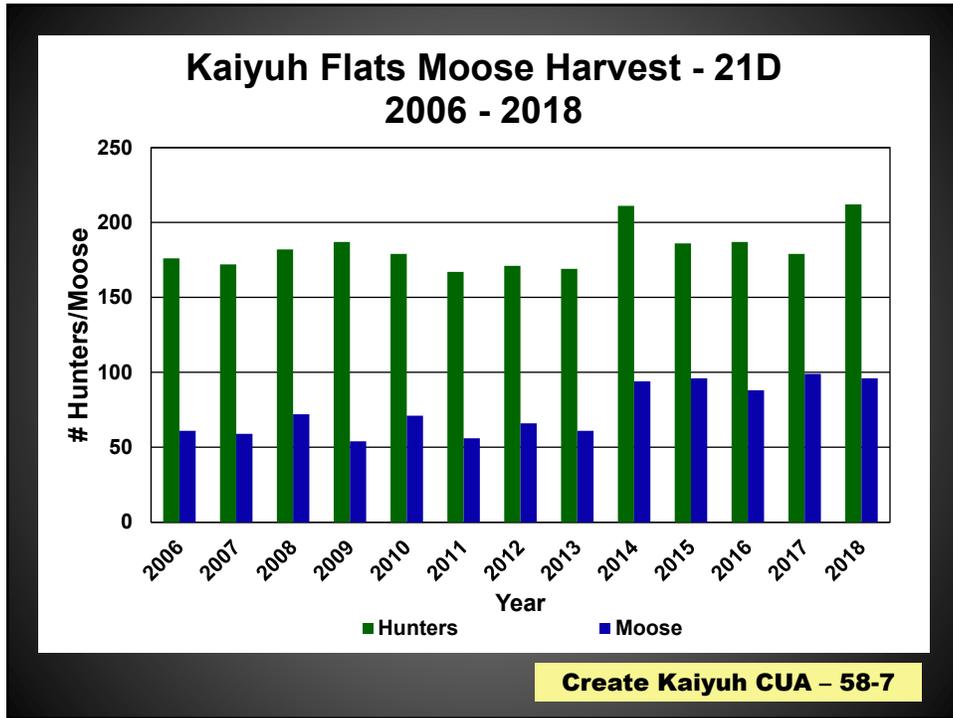
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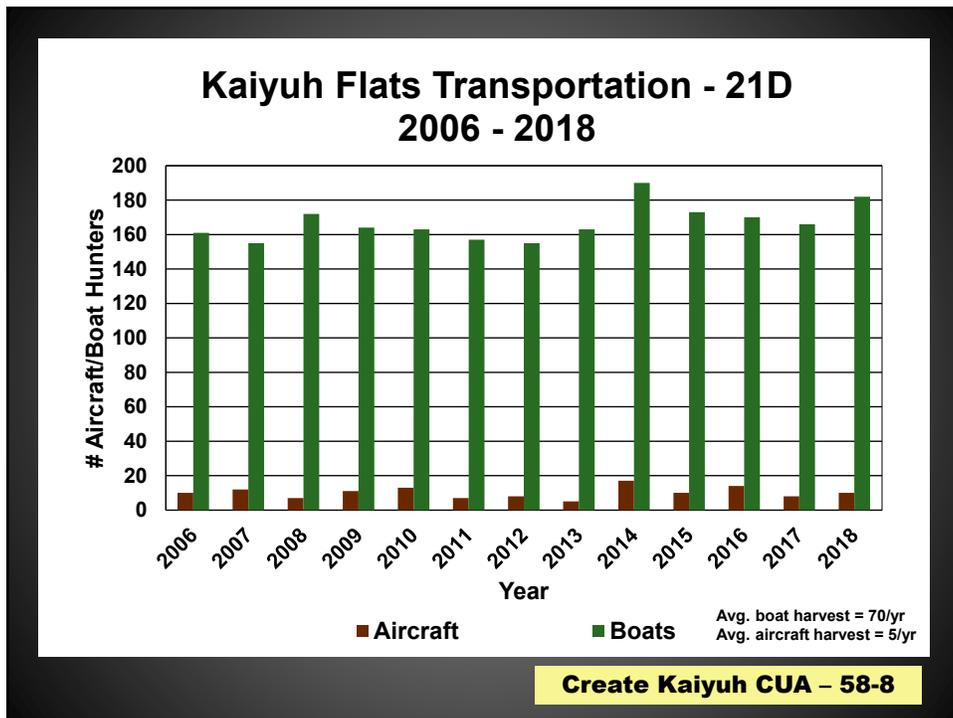
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## Proposal 58 – Kaiyuh Controlled Use Area

Unit 21D Moose IM Objectives				
Unit	Population Objective	Moose Population Estimate	Harvest Objective	Avg. Annual Harvest (rept + est. unrept)
21D	7,000–10,000	10,478 (±1,572)	450–1,000	412 (287+125)

**Create Kaiyuh CUA – 58-9**

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## Proposal 58 – Create Kaiyuh Controlled Use Area

### Unit 21 – Harvestable Surplus

Unit	Prescribed Harvest rate	Avg annual harvest (rept + est. unrept)	Moose Population Estimate	Can Population Provide for Current level of harvest	Harvestable surplus
21A	5% of observed	75 (45 + 30)	2,442	yes	120
21B	5% of observed	101 (76 + 25)	2,317 (±417)	yes	95*
21C	5% of observed	27 (22 + 5)	900-1300 extrapolated est. (0.25-0.35 moose/mi <sup>2</sup> )	yes	45
21D	5-7% of observed	412 (287 + 125)	10,478 (±1,572)	yes	445
21E	4% of estimate with scf	190 (180 + 10)	9,777	yes	390
Total		805 (610 + 195)			1,095
Combined ANS		600-800			

**Create Kaiyuh CUA – 58-10**

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## Summary

- Hunter numbers are stable
- Aircraft use is low and stable
- Moose population is increasing; (will utilize RM831 winter hunt; will likely need to increase DM817 permits)
- With respect to bull:cow ratios and conflict, CUAs concentrate hunters on the navigable waterways

**Create Kaiyuh CUA - 58-11**

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## Proposal #58

# Establish a Controlled Use Area in the Kaiyuh Flats area of 21D

**Proponent - Middle Yukon AC**

**ADF&G - Neutral**

**MYAC - Support**

**Ruby AC - Support**

**Create Kaiyuh CUA - 58-12**

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# Proposal #59

## Add 15 days in December to the new RM831 Winter hunt

Proponent – Member of the Public

ADF&G – **Neutral**

MYAC – **Opposed** Ruby AC – **Support**

**Extend Winter Registration hunt – 59-1**

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# Proposal #59

## Moose Seasons

### Current

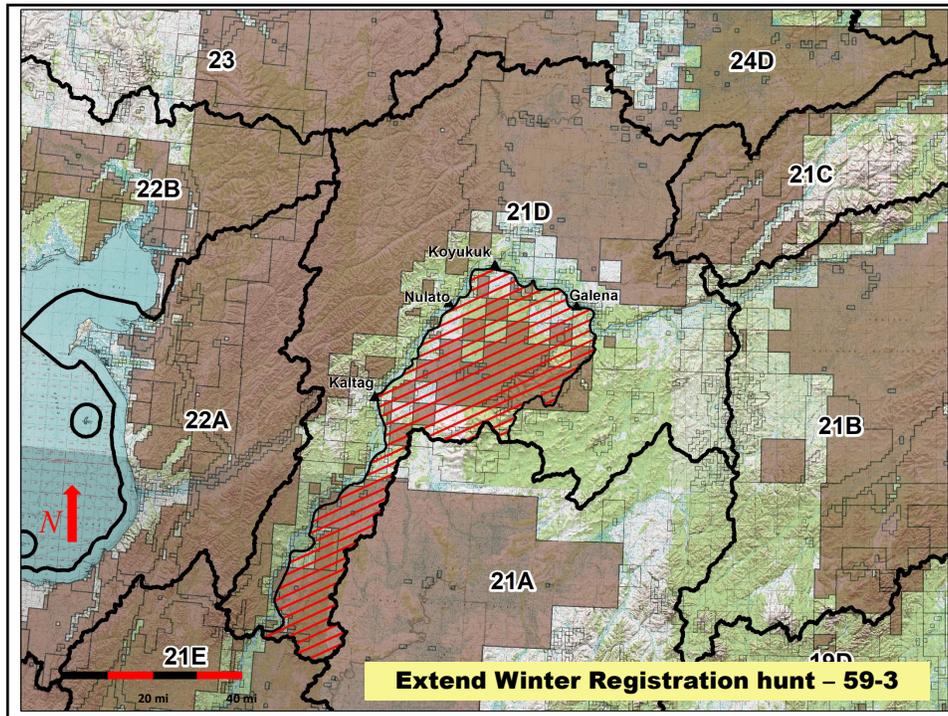
- Aug 22-31
- Sept 5-25
- March 1-31 (15 days TBA) (**NEW 03/19 = 5C:3B**)

### Proposed

- Aug 22-31
- Sept 5-25
- **December 1-31 (15 days TBA)**
- **March (15 days TBA)**

**Extend Winter Registration hunt – 59-2**

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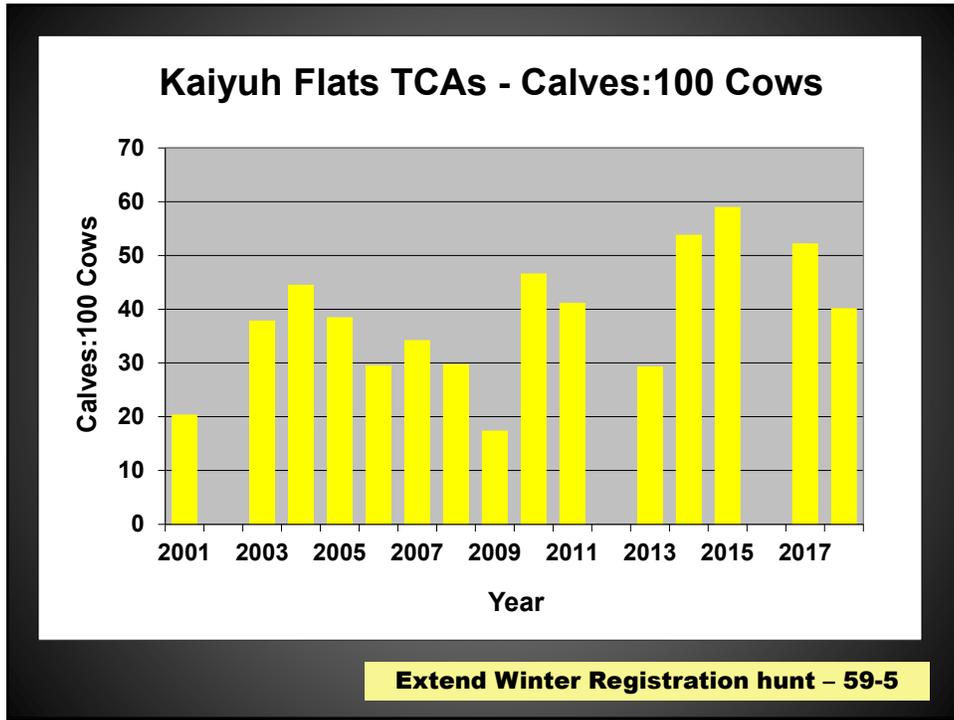
## Proposal #59

### Moose Population Trends

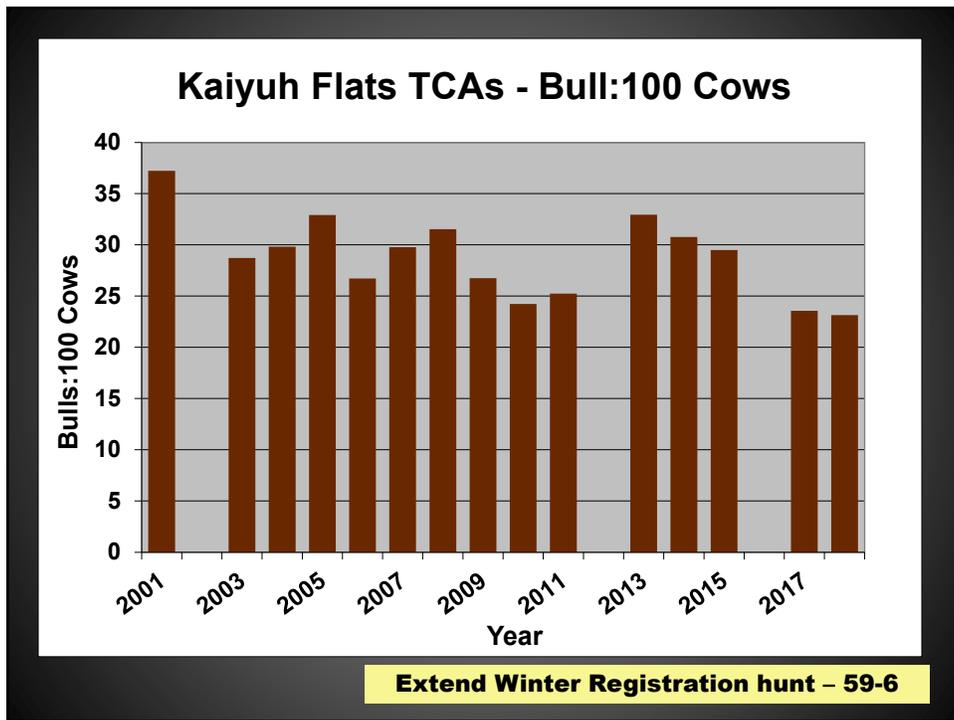
- Increasing moose population
- Kaiyuh Flats Sub-Area GSPE;  
[2011 = 1,897 ( $\pm$  209); 2017 = 4,116 ( $\pm$  412)]
- Kaiyuh Flats TCAs;  
[2001-2017 avg. = 748 adults; 2018 = 1,075 adults]
- Increasing in southern 21D, but decreasing in northern 21D
- Twinning Rates stable and high

**Extend Winter Registration hunt - 59-4**

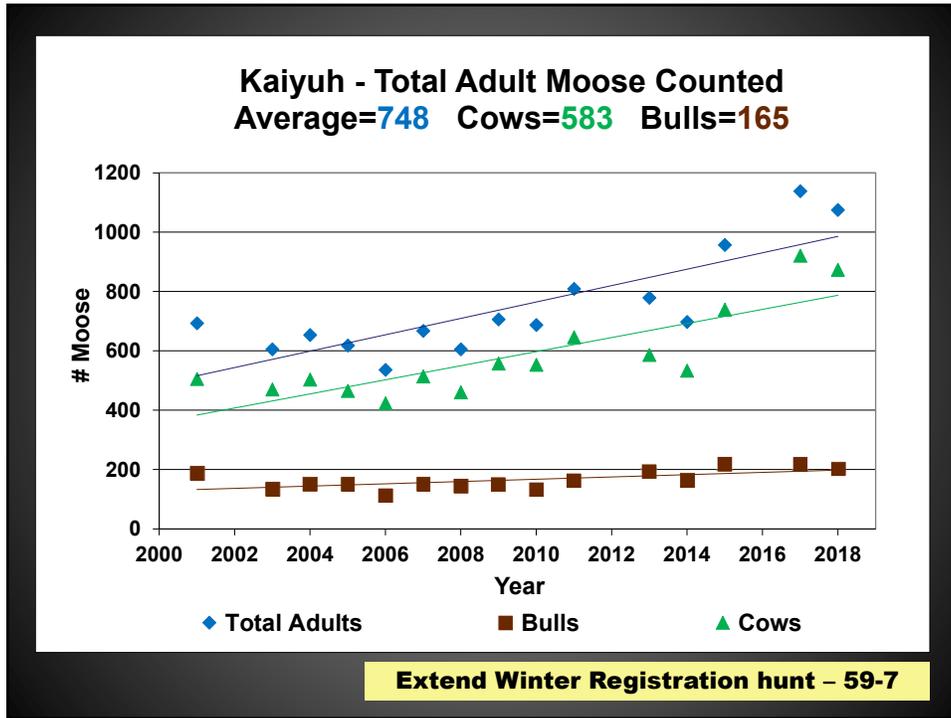
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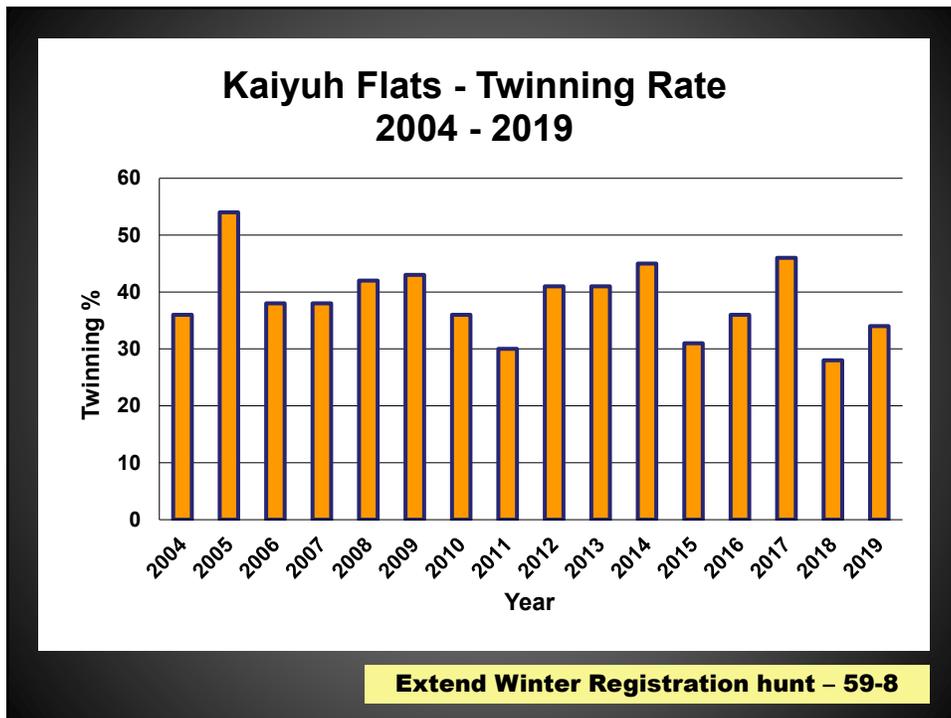
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**Proposal #59**  
**Hunt Considerations**

- **Original Proposal considered December season option – rejected due to safety concerns with late freeze-up.**
- **Concern with proposed hunt is that, if the quota is reached in December it forces hunters to hunt in December.**
- **RM831 Hunt is New – Harvest patterns haven't been established. More time is needed to assess use patterns with new hunt.**
- **Reporting is a concern and quota hunts risk exceeding the harvestable surplus.**

**Extend Winter Registration hunt – 59-9**

25



**Proposal #59**  
**Add 15 days in  
December to the new  
RM831 Winter hunt**

**Proponent – Member of the Public**  
**ADF&G – Neutral**  
**MYAC – Opposed Ruby AC – Support**

**Extend Winter Registration hunt – 59-10**

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## Proposal #60

# Reauthorize the 21D Antlerless season (new RM831 winter hunt)

Proponent – ADF&G

ADF&G – **Support**

MYAC – **Support**

**Antlerless Reauthorization – 60-1**

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## Proposal #60

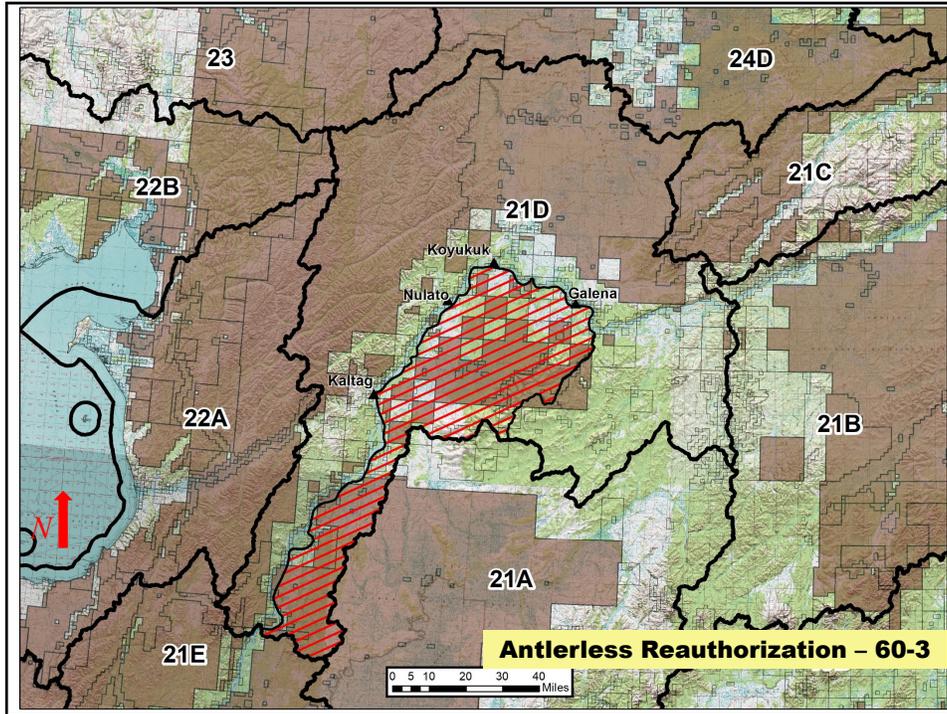
### Moose Seasons

#### Current

- **Aug 22-31**
- **Sept 5-25**
- **March 1-31 (15 days TBA) - Any Moose**

**Antlerless Reauthorization – 60-2**

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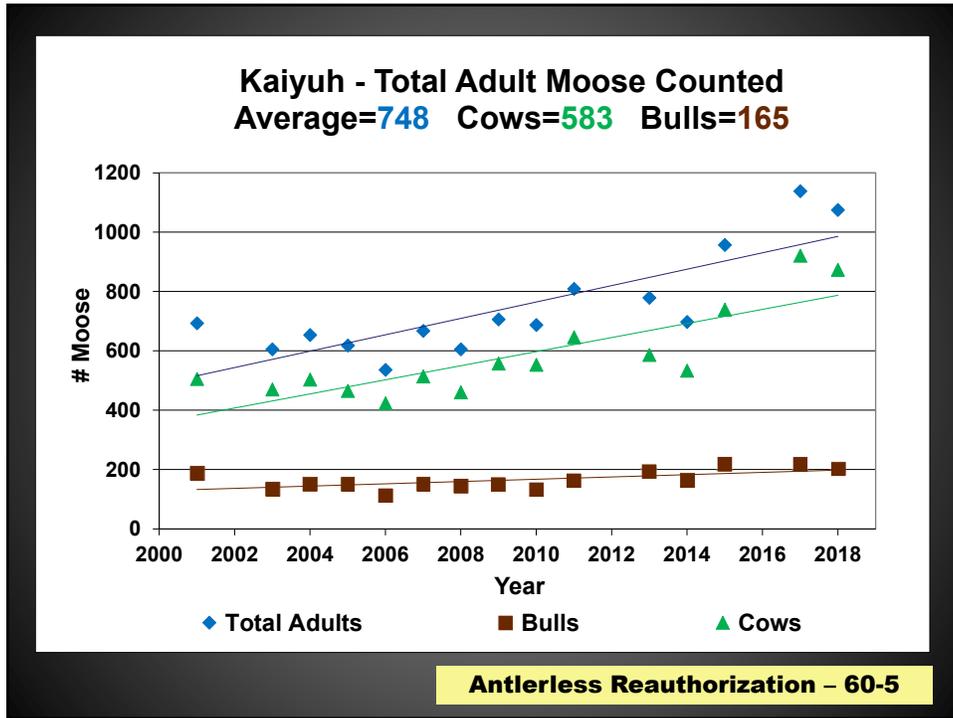
## **Proposal #60**

### **Moose Population Trends**

- **Increasing moose population**
- **Kaiyuh Flats Sub-Area GSPE;**  
**[2011 = 1,897 ( $\pm$  209); 2017 = 4,116 ( $\pm$  412)]**
- **Kaiyuh Flats TCAs;**  
**[2001-2017 avg. = 748 adults; 2018 = 1,075 adults]**
- **Increasing in southern 21D, but decreasing in northern 21D**
- **Twinning Rates stable and high**

**Antlerless Reauthorization - 60-4**

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## Proposal #60 Summary

- **The moose population is increasing**
- **The number of cows is increasing at a faster rate than bulls**
- **The 21D moose population meets the population objective**
- **Twinning rates are high and stable**

**Antlerless Reauthorization – 60-6**

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## Proposal #60

**Reauthorize the 21D  
Antlerless season  
(new RM831 winter  
hunt)**

**Proponent – ADF&G**

**ADF&G – Support**

**MYAC – Support**

**Antlerless Reauthorization – 60-7**

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## Proposal #61

**Extend the fall moose  
season in 24B - Kanuti  
CUA portion only**

**Proponent – Koyukuk River AC**

**ADF&G – Support (opportunity); Oppose  
(harvest during breeding).**

**KRAC – Support**

**Extend 24B Fall Hunt – 61-1**

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## Proposal #61

### Resident Moose Seasons

**Current**

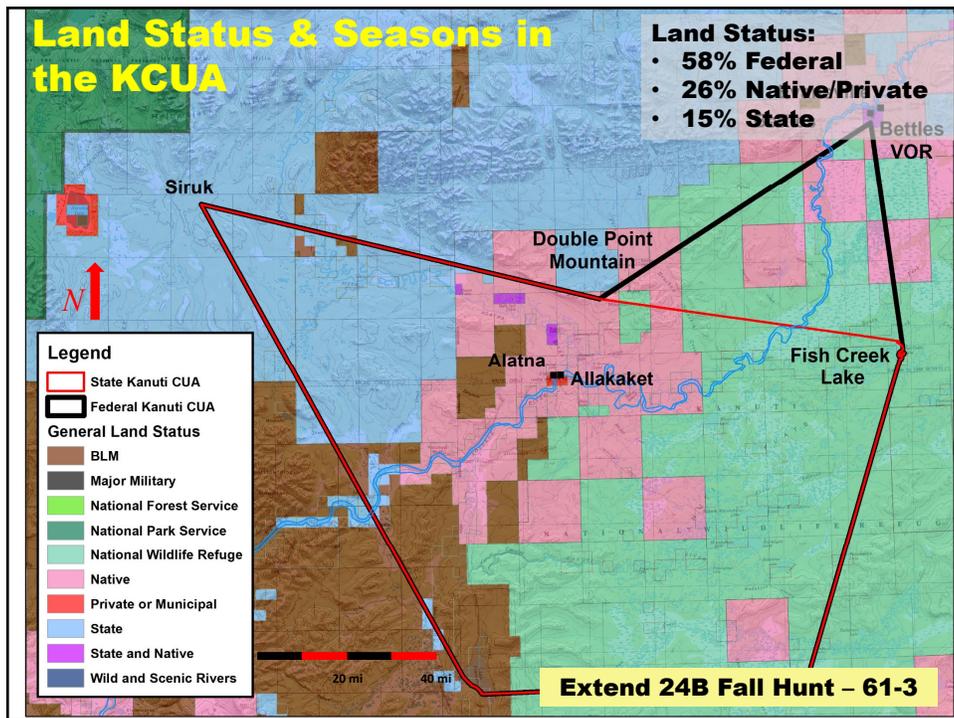
- Sept 1 – Sept 25
- Dec 15 – Apr 15

**Proposed**

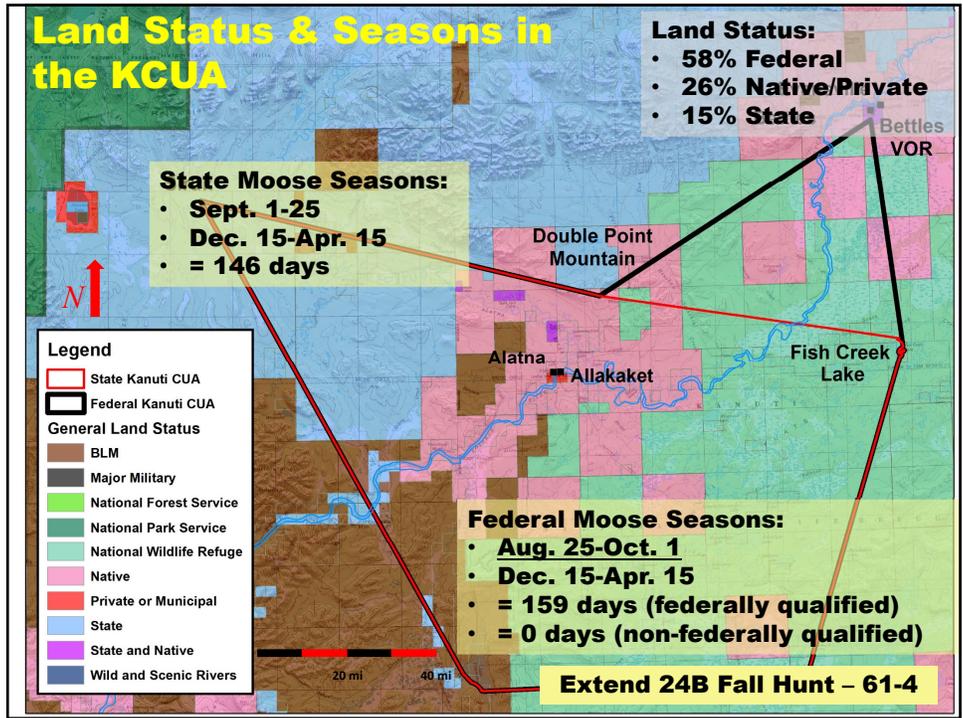
- Sept 1 – Oct 1 (KCUA only)
- Sept 1 – Sept 25 (remainder)
- Dec 15 – Apr 15

**Extend 24B Fall Hunt – 61-2**

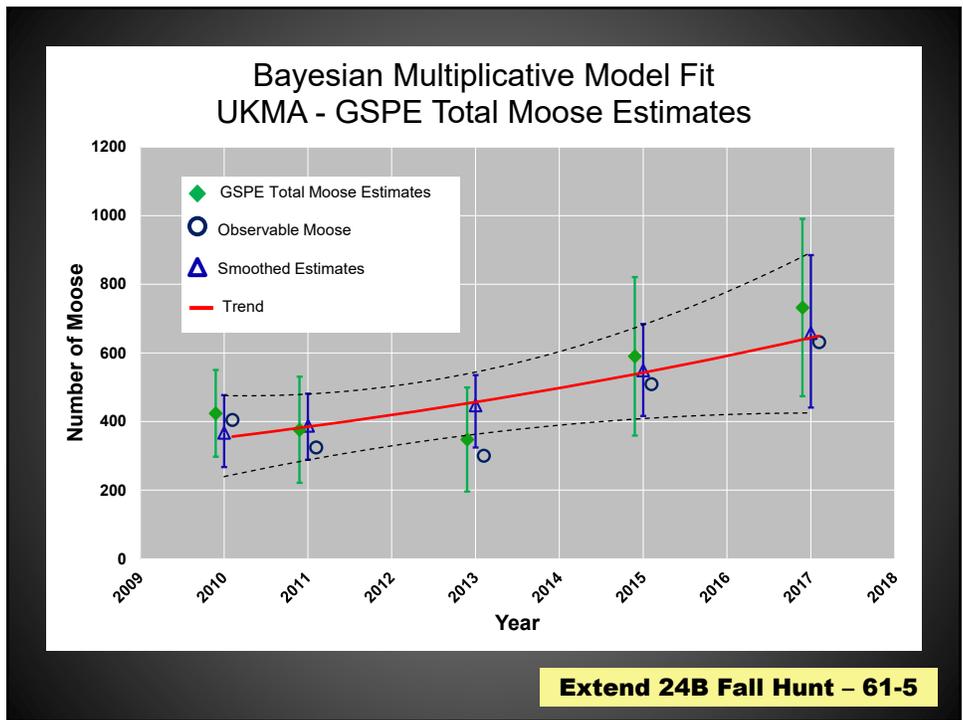
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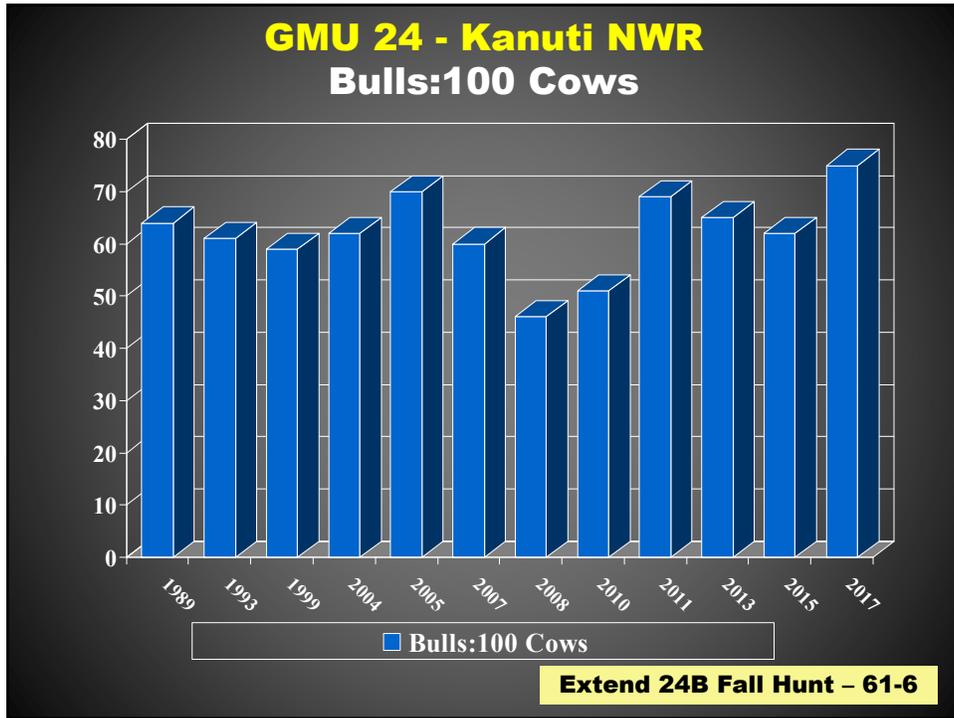
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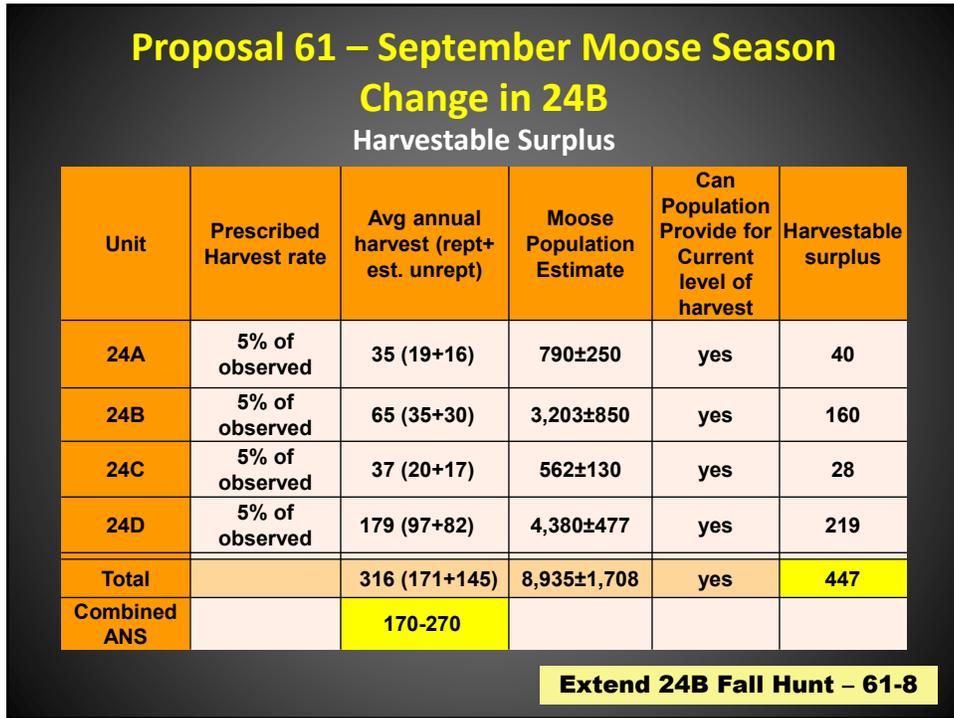
### Proposal 61 – September Moose Season Change in 24B

#### IM Objectives

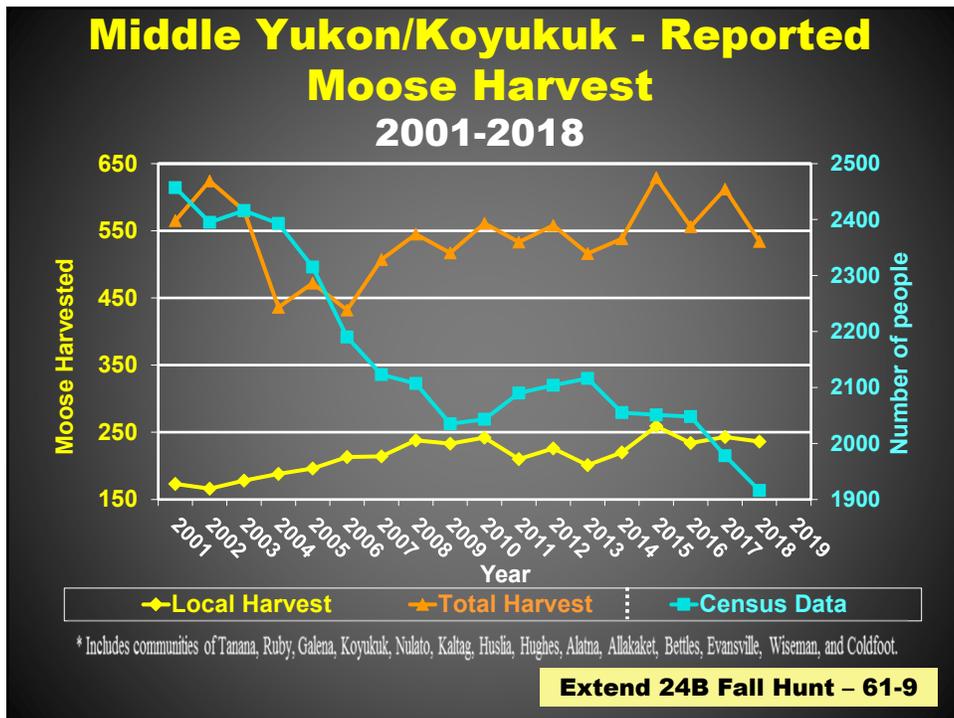
Unit 24 Moose IM Objectives				
Unit	Population Objective	Moose Population Estimate	Harvest Objective	Avg. Annual Harvest (rept + est. unrept)
24A	1,200–1,500	790±250	75–125	35 (19+16)
24B	4,000–4,500	3,203±850	150–250	65 (35+30)
24C	1,000–1,500	562±130	50–125	37 (20+17)
24D	5,000–6,000	4,380±477	225–425	179 (97+82)

**Extend 24B Fall Hunt – 61-7**

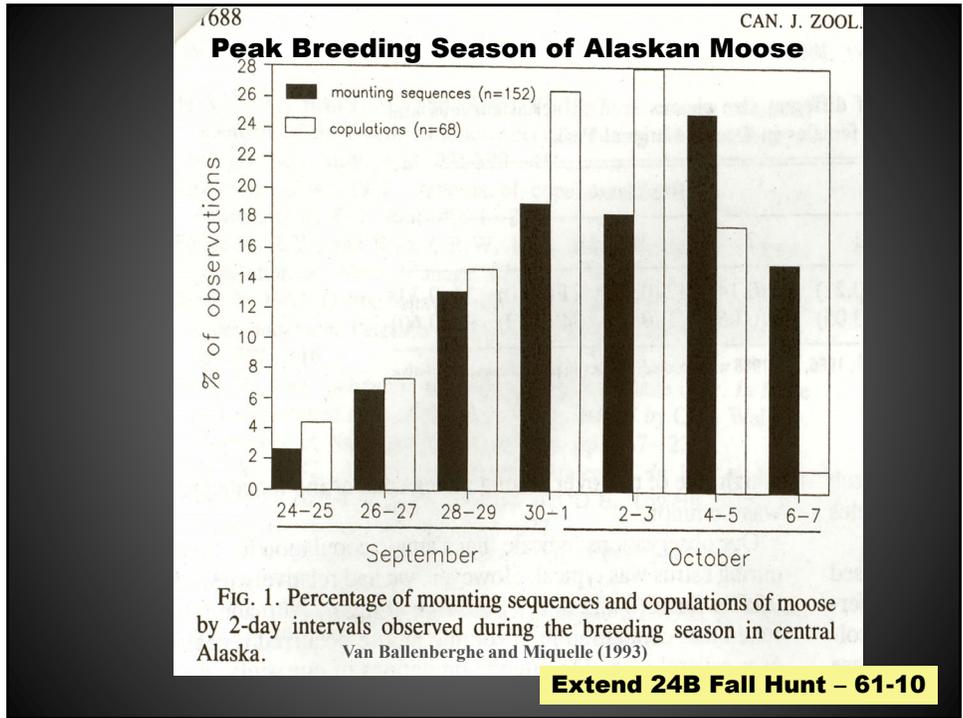
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## Proposal #61

### Summary

1. Population below management objectives.
2. IM program implemented in UKMA.
3. State hunts have 146 days of opportunity, federal hunts offer 258 days of hunting opportunity in 24B.
4. For the proposed area, there are 0 days of hunting opportunity for non-federally qualified hunters on federal lands in the Kanuti Controlled Use Area.
5. The Department opposed: a) Federal late fall seasons and the b) Federal Kanuti Controlled Use Area closure.

**Extend 24B Fall Hunt – 61-11**

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# Proposal #61

## Summary

- 6. Harvest is stable, per capita harvest is increasing.
- 7. Opportunity for bull harvest exists, but not during peak breeding period.
- 8. Additional harvest opportunity is available. However, improving hunter access by eliminating federal closed areas is the solution to that problem.

**Extend 24B Fall Hunt – 61-12**

45



# Proposal #61

## **Extend the fall moose season in 24B - Kanuti CUA portion only**

**Proponent – Koyukuk River AC**

**ADF&G – Support (opportunity); Oppose (harvest during breeding).**

**KRAC – Support**

**Extend 24B Fall Hunt – 61-13**

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# Proposal #62

**Allocate 90% of Unit 21B  
draw permits  
(DM809/DM810/DM811) to  
resident hunters and....**

Proponent – Member of the Public

ADF&G – **Neutral**

Ruby AC – **Support**      KRAC – **Opposed**

**21B Drawing Hunts – 62-1**

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# Proposal #62

## Moose Permit Hunts (21B)

### Upper Nowitna River Drainage

- 1) GM000 – Outside 4-mile corridor
- 2) RM834 Permit – residents only
- 3) Drawing Hunts (DM809-DM811)

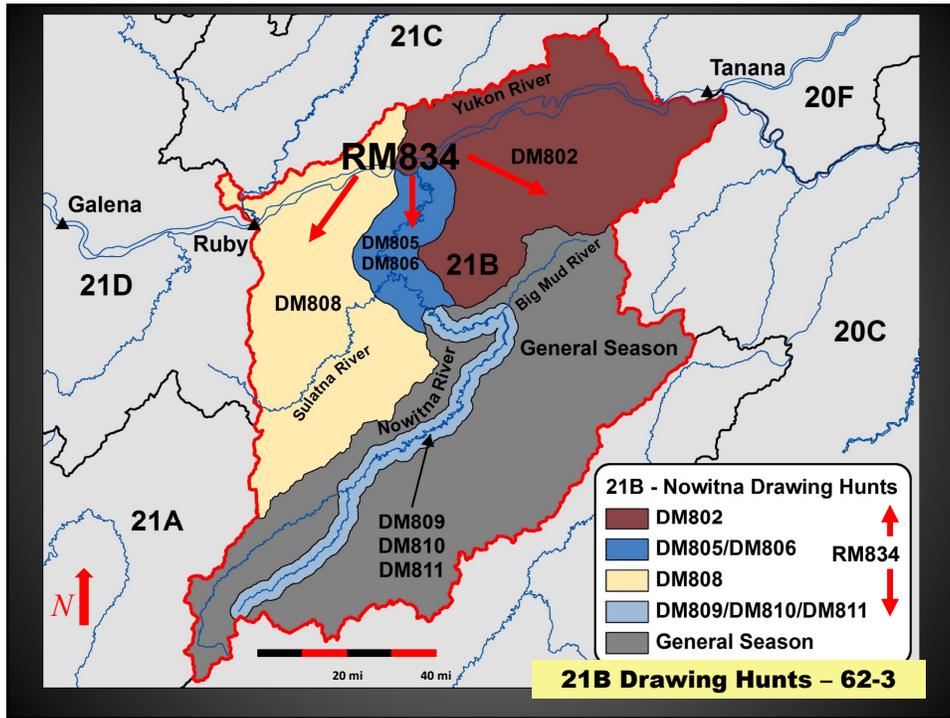
resident:nonresident allocation

- 50% resident : 50% nonresident

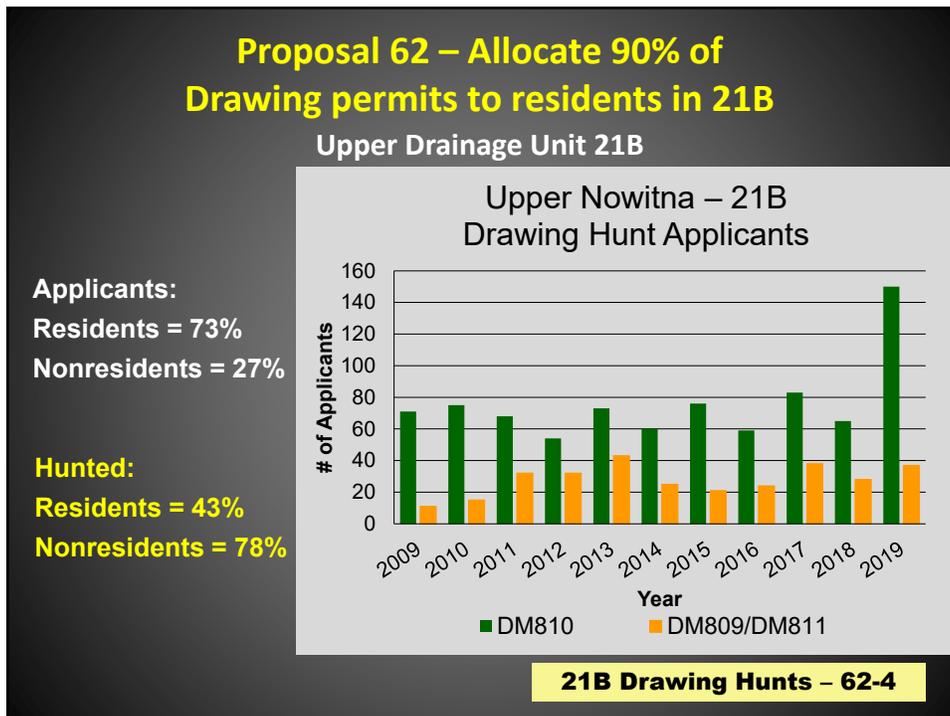
75% guided : 25% nonguided

**21B Drawing Hunts – 62-2**

48



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## Proposal 62 – Allocate 90% of Drawing permits to residents in 21B

**Policy 2017-222-BOG**

**Allocation of Permits**

...allocations...based on historic patterns of resident and nonresident use over the past 10 years.

**21B Drawing Hunts – 62-5**

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## Proposal 62 – Allocate 90% of Drawing permits to residents in 21B

### Unit 21B Moose Harvest

Unit and regulatory years	Avg. number of resident hunters	Avg. number of nonresident hunters	Avg. resident harvest	Avg. nonresident harvest
<b>Unit 21B – All</b>				
1997–2006	168	28	63	11
2007–2018	195	25	67	10
<b>Upper Unit 21B</b>				
1997–2006	15 (63%)	9 (37%)	8	5
2007–2018	15 (60%)	10 (40%)	9	6

**21B Drawing Hunts – 62-6**

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## Proposal 62 – Allocate 90% of Drawing permits to residents in 21B

**5 AAC 92.052(23)**

**Undersubscribed Permits**

...surplus permits MAY be made available...nonresidents

**5 AAC 92.069(3)**

**Guided/Unguided Allocation**

...the department SHALL issue a maximum of 75% of the available nonresident permits to guided nonresidents...

**21B Drawing Hunts – 62-7**

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## Proposal 62 – Allocate 90% of Drawing permits to residents in 21B

Upper Drainage Unit 21B – nonresident Moose Harvest

Regulatory year	DM809 (nonguided)			DM811 (guided)		
	Number of permits	%	surplus	# permits	%	surplus
2009	2	25%	0	6	75%	1
2010	3	30%	0	7	70%	4
2011	3	30%	0	7	70%	0
2012	3	30%	0	7	70%	0
2013	3	30%	0	7	70%	0
2014	3	33%	0	6	67%	1
2015	3	30%	0	7	70%	3
2016	3	30%	0	7	70%	0
2017	3	30%	0	7	70%	2
2018	3	30%	0	7	70%	7
2019	3	30%	0	7	70%	4
average		29.8%			70.2%	

**21B Drawing Hunts – 62-8**

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## Proposal #62

**Allocate 90% of Unit 21B  
draw permits  
(DM809/DM810/DM811) to  
resident hunters and...**

**Proponent – Member of the Public**

**ADF&G – Neutral**

**Ruby AC – Support    KRAC – Opposed**

**21B Drawing Hunts – 62-9**

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## Proposal #63

**Repeal Dalton  
Highway Corridor  
Management Area  
(DHCMA)**

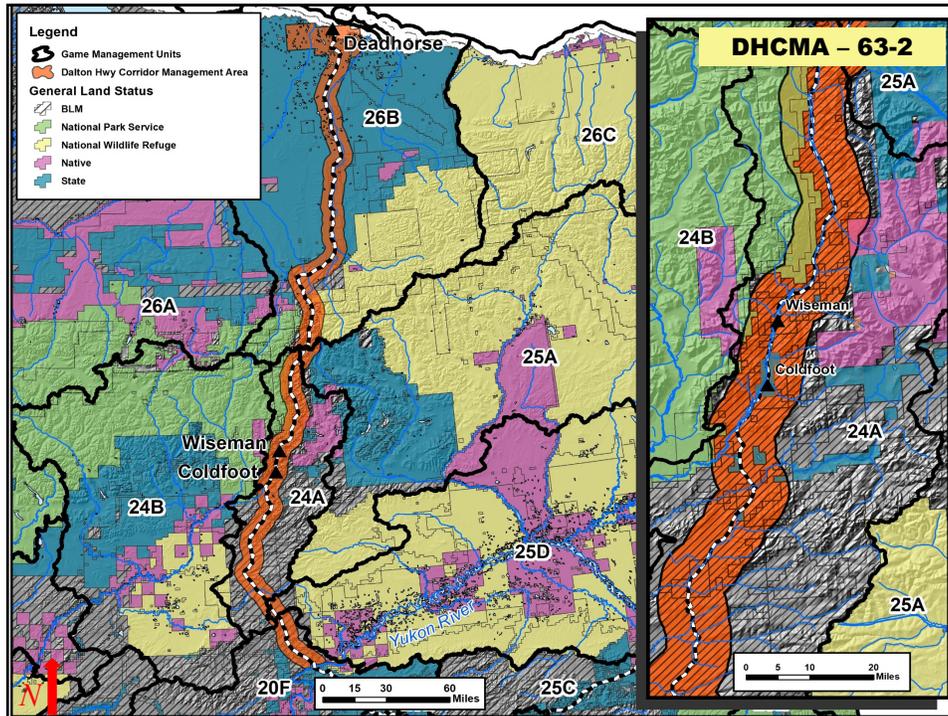
**Proponent – Fairbanks AC**

**ADF&G – Support**

**KRAC – Opposed**

**DHCMA – 63-1**

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**Proposal #63**  
**Regulations**

- 5 AAC 92.530(7) - (DHCMA) - 1975 & 1983
- 5 AAC 92.990/5 AAC 92.004 (c) - (definitions)

**Statutes**

- AS 19.40.210 - (Highways) - 1980
- AS 16.05.789 - (Fish and Game) - 1980

**Federal Regulations**

- 43 CFR 8341.1 (d)(3)/ANILCA section 811(b)

**State Regulations (DNR)**

- 11 AAC 96.020

**DHCMA - 63-3**

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## Multi-tiered Management

### Aligning Restrictions/Exceptions

5 AAC 92.530

AS 19.40.210

AS 16.05.789

11 AAC 96.020

43 CFR 8341.1 /  
ANILCA § 811(b)

**DHCMA – 63-4**

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## Proposal #63

### Issue Summary

- Redundancy
- Confusion
  - Agencies
  - Public
- Enforcement Issues occurring (Regulation and Statute)
  - Examples
- Road uses have changed
- Road network has expanded
- Laws have evolved (expanded and misalignment)
- Repeal vs. Revise
- No biological issues
- Enforcement

**DHCMA – 63-5**

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## Proposal #63

### What happens if 5 AAC 92.530 is repealed?

- Less confusion for public; fewer layers of law, doesn't require BOG alignment response (e.g. dual-management)
- Firearm prohibition for hunting; no change
- Off-road travel prohibited; no change
- Vehicles on exempted roads; no change
- Snowmachines (trapping) limited allowed; no change

DHCMA – 63-6

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## Proposal #63

### What happens if 5 AAC 92.530 is repealed?

- "Current Users" on non-exempted roads would be legalized for hunting; no effective change to what is being enforced
- "Potential Users" on non-exempted roads; Hwy. Veh. "loophole" eliminated, the limiting factor is still few roads, landowner controlled, ... If not repealed, enforcement issues will occur, enforcement needed.
- Land managers responsible for habitat concerns; no change

DHCMA – 63-7

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# Proposal #63

## Repeal Dalton Highway Corridor Management Area (DHCMA)

Proponent – Fairbanks AC

ADF&G – **Support**

KRAC – **Opposed**

**DHCMA – 63-8**

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# Proposal #64

## Revise Dalton Highway Corridor Management Area (DHCMA)

Proponent – ADF&G

ADF&G – **Support**

KRAC – **Support**

**DHCMA – 64-1**

64

## Proposal #64

### What happens if 5 AAC 92.530 is revised using ADFG option?

- Confusion for public; remains unresolved
- Firearm prohibition for hunting; no change
- Off-road travel prohibited; no change
- Vehicles on exempted roads; no change
- Snowmachines (trapping) limited allowed; no change

**DHCMA – 64-2**

65

## Proposal #64

### What happens if 5 AAC 92.530 is revised using ADFG option?

- “Current users” on non-exempted roads for hunting; more exempted roads, thus fewer enforcement issues on those roads.
- “Potential users” on non-exempted roads; limited use...few roads on State lands is still the limiting factor, landowner controlled... enforcement issues will occur, enforcement needed\*
- Land managers responsible for habitat concerns; no change

*\*Statute Change needed: Add AS 19.40.210 (DHCMA) to the list of statutes with assigned penalties, AS 19.40.065.*

**DHCMA – 64-3**

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## Proposal #64

### Revision Language - Key Points

- Management Area vs. Controlled Use Area
  - Hunting Regulation (NOT trapping)
- 1/4-mile corridor vs. 1-mile corridor exemption
- Exempted Road additions
- Haul Road description clarification
- Align language with statute (off-road vehicle)
- Simplify snowmachine use language

**DHCMA – 64-4**

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## Proposal #64

### What happens if 5 AAC 92.530 is revised using ADFG option?

- If revised, it will be important to clarify the management intent of the regulation, and why we would simply amend the regulation whenever a new egress road is developed.
- If revised, it will also be important for the Board to provide direction on which restrictions they intend to be enforced.

**DHCMA – 64-5**

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## Proposal #64

# Revise Dalton Highway Corridor Management Area (DHCMA)

Proponent – ADF&G

ADF&G – **Support**

KRAC – **Support**

**DHCMA – 64-6**

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## Proposal 65

# Increase the Resident Bag Limit for Ray Mountains Caribou Herd in Unit 20F

Tanana Rampart Manley Advisory Committee  
Proposal

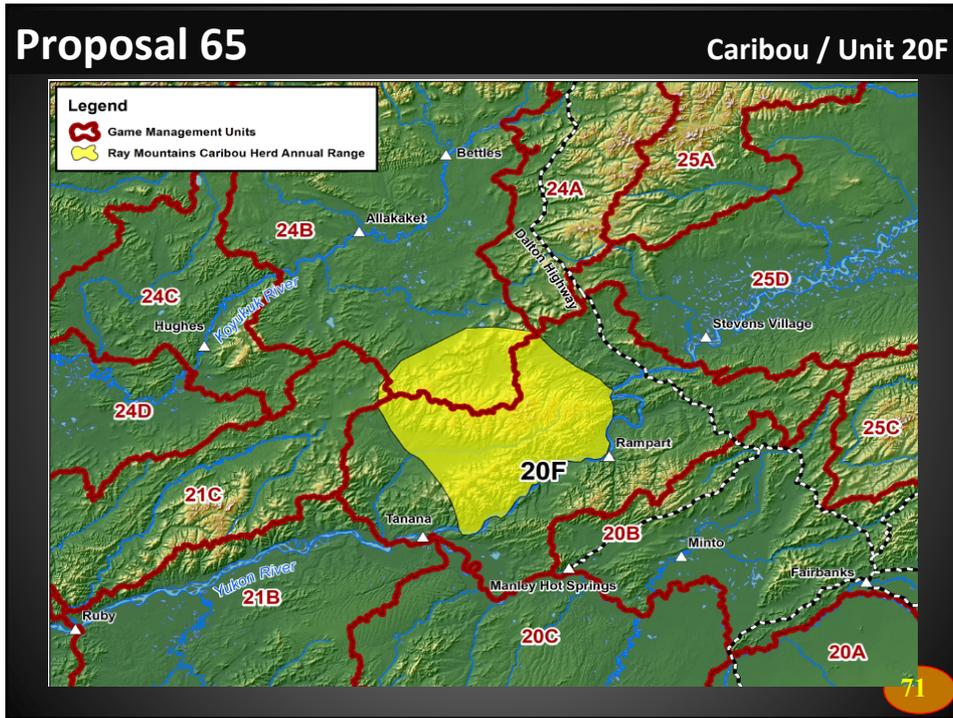
**Department Recommendation – Oppose**

Koyukuk River AC – Oppose

Tanana Rampart Manley AC – Withdrew proposal

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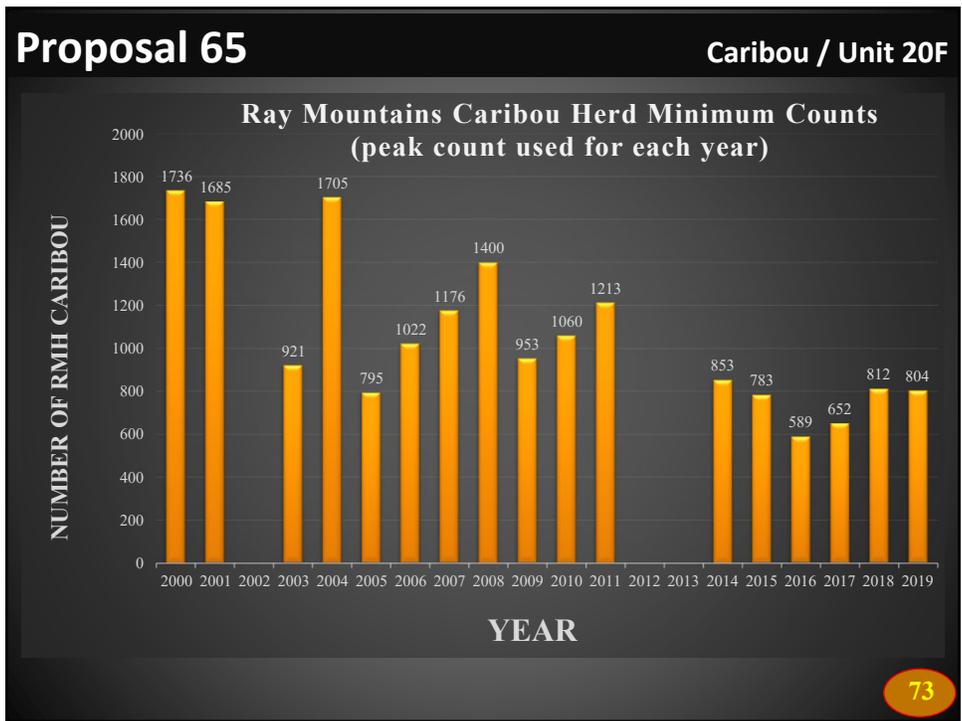


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### Proposal 65 Caribou / Unit 20F

Current Regulations	Proposed Regulations
<ul style="list-style-type: none"> <li>○ 20F North of the Yukon River</li> <li>○ Residents: One caribou 10 August –31 March</li> <li>○ Nonresidents: One caribou 10 August –30 September</li> </ul>	<ul style="list-style-type: none"> <li>○ 20F North of the Yukon River</li> <li>○ <b>Residents: Two caribou 10 August –31 March, only one can be taken before 1 November</b></li> <li>○ Nonresidents: One caribou 10 August –30 September</li> </ul>

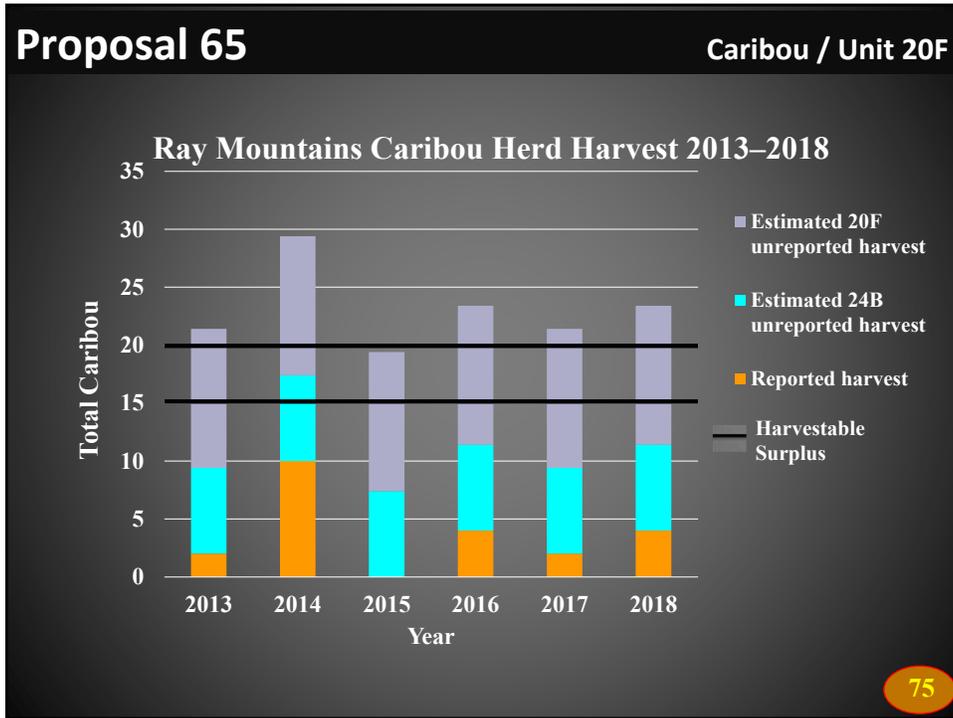
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- ### Proposal 65 Caribou / Unit 20F
- Most recent minimum count = 679 caribou (September)
  - Highest 2019 count = 804 caribou (June)
  - Using a 2–3% harvest rate should allow for a harvestable surplus of 15–20 caribou per year.
- 74**

74



75

### Proposal 65

**Increase the Resident Bag Limit for Ray Mountains Caribou Herd in Unit 20F**

Tanana Rampart Manley Advisory Committee Proposal

**Department Position – Oppose**

Koyukuk River AC – Oppose

Tanana Rampart Manley AC – Withdrew proposal

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# Proposal 66

Reduce the Bag Limit and Extend the Season Dates for Caribou in Unit 24A  
Remainder for Residents

Public Proposal

Department Recommendation – Oppose

KRAC – Oppose

77

77

# Proposal 66

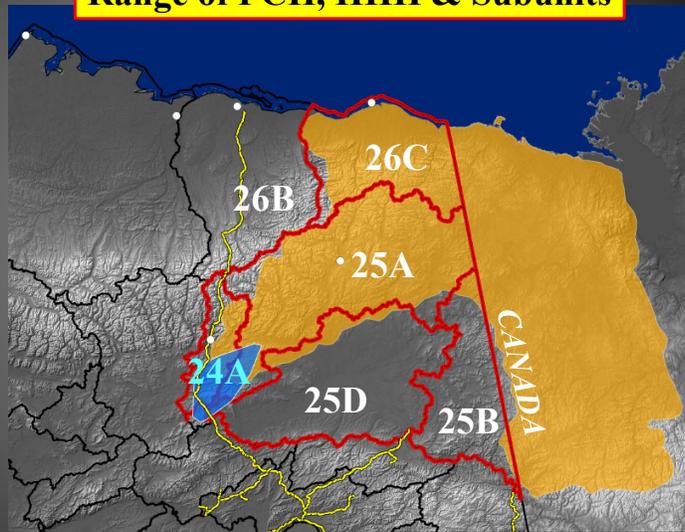
Caribou / Unit 24A

Range of PCH, HHH & Subunits

PCH  
Range



HHH  
Range



78

78

## Proposal 66

Caribou / Unit 24A

**Range of PCH, HHH & Subunits**

### Current Regulations

- Residents: 10 caribou/year; 1 July–30 April
- Nonresidents: 2 bulls/year; 1 August – 30 September

**PCH Range**

**HHH Range**

79

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## Proposal 66

Caribou / Unit 24A

Current Regulations	Proposed Regulations
<ul style="list-style-type: none"> <li>○ Season dates and bag limits align with the rest of the PCH range.</li> <li>○ Residents: 10 caribou/year; 1 July–30 April</li> <li>○ Nonresidents: 2 bulls/year; 1 August –30 September</li> </ul>	<ul style="list-style-type: none"> <li>○ Season dates and bag limits would <b>not align</b> with PCH or any other caribou herd in the area.</li> <li>○ Residents: 5 caribou/year; 1 July–15 May (<b>15 additional days of opportunity, 5 less caribou per year</b>)</li> <li>○ Nonresidents: 2 bulls/year; 1 August –30 September</li> </ul>

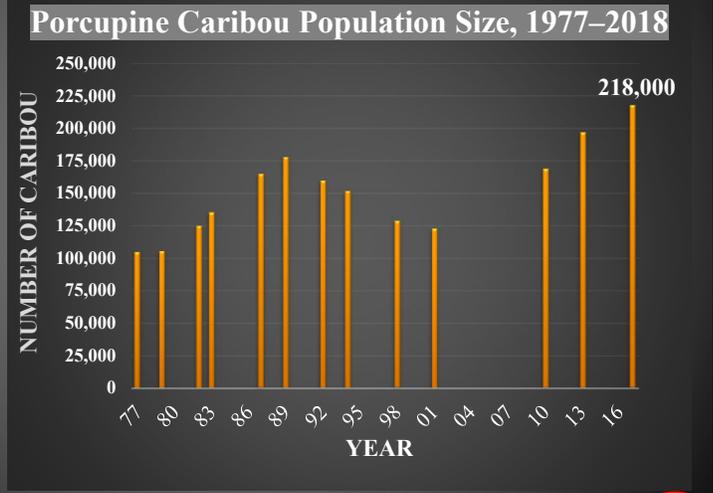
80

80

### Proposal 66

Caribou / Unit 24A

- PCH abundance stable or increasing



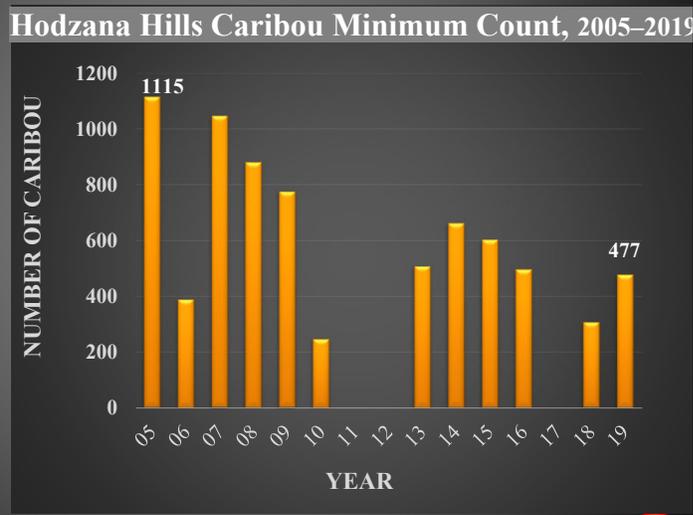
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### Proposal 66

Caribou / Unit 24A

- HHH abundance likely declining



82

82

## Proposal 66

Caribou / Unit 24A

- PCH: Low hunting pressure, <3% harvest
  - In Unit 24A remainder average annual reported harvest = 3 caribou (RY16–RY18)
- HHH: Low hunting pressure, 1.2 caribou/year (RY09–RY18)
  - Total harvest 24A remainder = 2 caribou (RY16–RY18)

83

83

## Proposal 66

Caribou / Unit 24A

- PCH
  - Positive C&T finding (Units 25A, 25B, 25D, 26B and 26C)
  - ANS of 1,250–1,550 for this herd
- HHH
  - No C&T finding
- GMH, WMH, RMH
  - Positive C&T finding (Units 20F, 21B, 21C, 21D and 24)
  - ANS of 150–200 for these three herds combined

84

84

## Proposal 66

Caribou / Unit 24A

- Changing the regulation will create confusion
- Seasons and bag limits should reflect the range of the PCH because that is the herd that is primarily in that range

85

85

## Proposal 66

Reduce the Bag Limit and Extend the Season Dates for Caribou in Unit 24A  
Remainder for Residents

Public Proposal

**Department Position – Oppose**

KRAC – Oppose

86

86

# Proposal 67

## Increase the Bag Limit for Brown Bears in Unit 21D

Middle Yukon Fish and Game Advisory Committee Proposal

**Department Recommendation – Support**

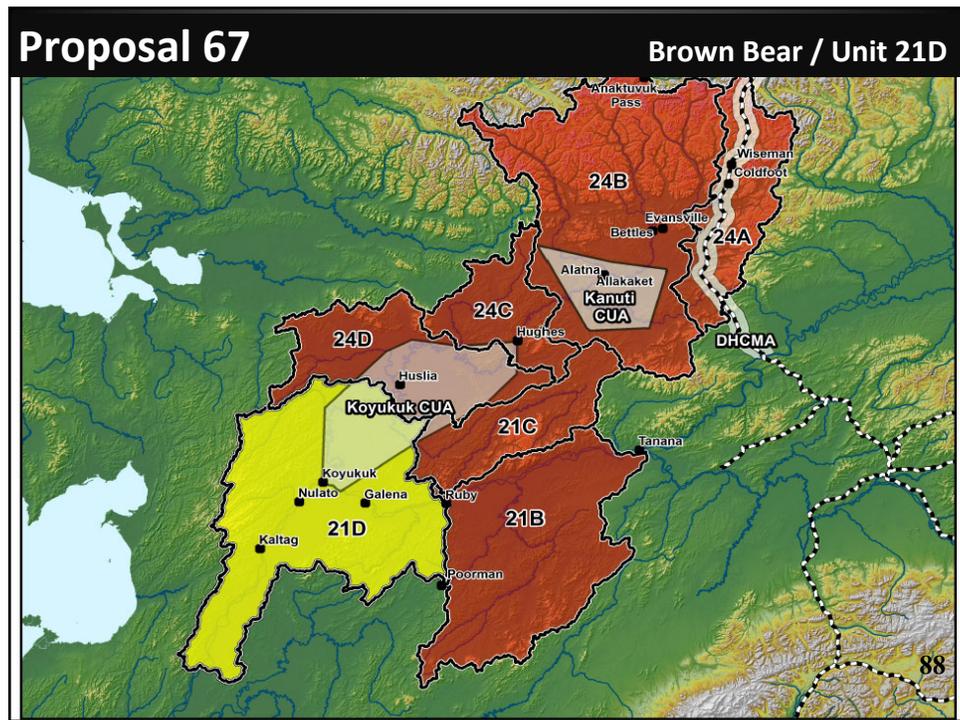
MYAC – Support

KRAC – Support

Ruby AC – Support

87

87



88

Proposal 67	Brown Bear / Unit 21D
<p><b>Current Regulations</b></p> <ul style="list-style-type: none"><li>○ Both residents and nonresidents<ul style="list-style-type: none"><li>○ ONE bear</li><li>○ 10 August –30 June</li><li>○ Hide and skull salvage required</li><li>○ Sealing required within 30 days of kill.</li><li>○ Spring and fall baiting allowed</li></ul></li></ul>	<p><b>Proposed Regulations</b></p> <ul style="list-style-type: none"><li>○ Both residents and nonresidents<ul style="list-style-type: none"><li>○ <b>TWO</b> bears</li><li>○ 10 August –30 June</li><li>○ Hide and skull salvage required</li><li>○ Sealing required within 30 days of kill.</li><li>○ Spring and fall baiting allowed</li><li>○ <b>Brown bear hides (with claws attached) and skulls may be sold after sealing.</b></li></ul></li></ul>

89

Proposal 67	Brown Bear / Unit 21D
<ul style="list-style-type: none"><li>○ Harvest is below management objective: 3-year mean harvest of at least 25 bears (50% male) combined for 21BCD<ul style="list-style-type: none"><li>○ Average of 17 bears per year, 63% male harvest<ul style="list-style-type: none"><li>○ 2016-2017: 16 bears (8 males, 8 females)</li><li>○ 2017-2018: 18 bears (13 males, 5 females)</li><li>○ 2018-2019: 17 bears (11 males, 6 females)</li></ul></li><li>○ Average age 8.5 years</li></ul></li></ul>	

90

## Proposal 67

Brown Bear / Unit 21D

- Unit 21D, currently has low annual brown bear harvest
  - Average of 10 bears per year, 67% male harvest
    - 2016-2017: 11 bears (6 males, 5 females)
    - 2017-2018: 9 bears (7 males, 2 females)
    - 2018-2019: 10 bears (7 males, 3 females)
  - Average age 8.6 years

91

91

## Proposal 67

Brown Bear / Unit 21D

- 21D: Harvest of brown bears at bait stations approved in 2012
  - April 15–June 30
  - August 1–September 30
  - 3 brown bears harvested over bait

92

92

## Proposal 67

Brown Bear / Unit 21D

- Nearby Units with 2 bear bag limits demonstrate that most hunters do not take 2 bears.
- If approved, harvest could increase by up to 5 bears
  - 3 of 35 hunters (all nonresident) in unit 19A harvested 2 bears
  - 0 of 24 hunters in 19D harvested 2 bears
  - 5 of 99 hunters (all residents) in 20E harvested 2 bears

93

93

## Proposal 67

Brown Bear / Unit 21D

- No conservation concerns if approved for 21D
  - Currently low annual harvest from hunting
  - Estimated population 350–400 bears in Units 21BCD
  - Using a conservative 5–6% harvest rate, harvestable surplus is at least 18–24 bears per year for Units 21BCD
  - Positive C&T finding, 20–25 ANS (combined with Unit 22)
  - If passed, the sale of brown bear hides (with claws attached) and skulls from bears may be sold after sealing.

94

94

## Proposal 67

### Increase the Bag Limit for Brown Bears in Unit 21D

Middle Yukon Fish and Game Advisory Committee Proposal

#### Department Position – Support

MYAC – Support

KRAC – Support

Ruby AC – Support

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## Proposal 68

### Establish a Fall Bear Baiting Season in Unit 21C from August 1–September 30

Public Proposal

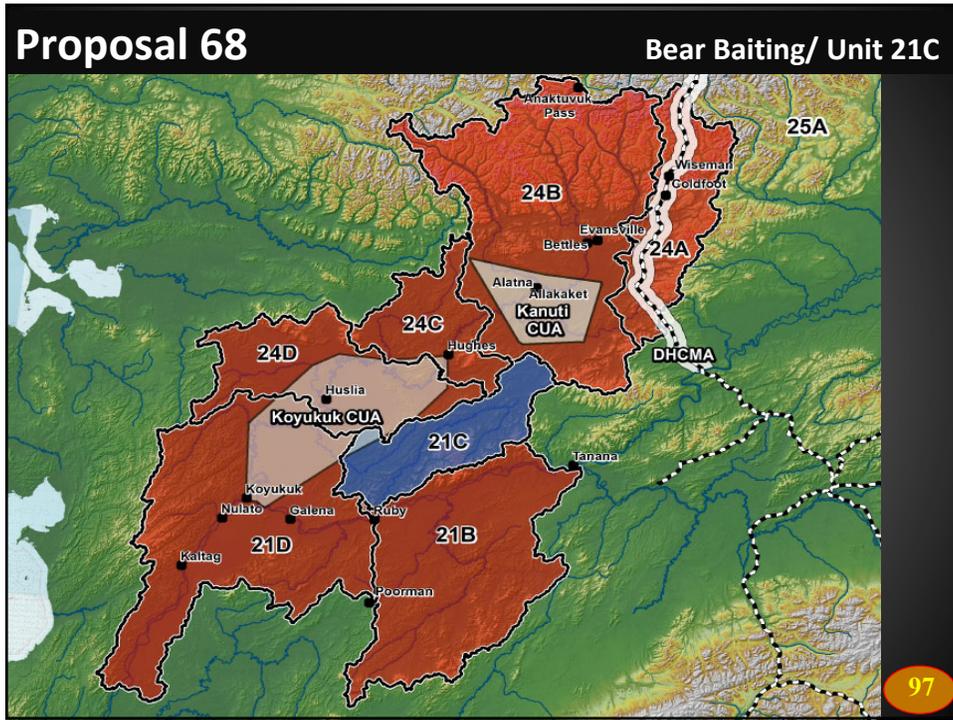
#### Department Recommendation – Support

MYAC– Support

KRAC – Support

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**Proposal 68** **Bear Baiting/ Unit 21C**

<b>Current Regulations</b>	<b>Proposed Regulations</b>
<ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August –30 June</li> <li>○ Hide and skull salvage required</li> <li>○ Sealing required within 30 days of kill.</li> <li>○ Spring baiting allowed (15 April –30 June)</li> </ul>	<div style="text-align: right; margin-bottom: 10px;">  </div> <ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August –30 June</li> <li>○ Hide and skull salvage required</li> <li>○ Sealing required within 30 days of kill.</li> <li>○ Spring (15 April –30 June) and fall (1 August– 30 September) baiting allowed</li> </ul>

**98**

98

Proposal 68	Bear Baiting/ Unit 21C
<p><b>Current Regulations</b></p> <ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ Three bears</li> <li>○ No closed season</li> <li>○ Meat salvage required (January 1– May 31)</li> <li>○ Meat or hide (with claws attached) salvage required (June 1– December 31)</li> <li>○ No sealing requirement</li> <li>○ Spring baiting allowed (15 April –30 June)</li> </ul>	<p><b>Proposed Regulations</b></p> <ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ Three bears</li> <li>○ No closed season</li> <li>○ Meat salvage required (January 1– May 31)</li> <li>○ Meat or hide (with claws attached) salvage required (June 1– December 31)</li> <li>○ No sealing requirement</li> <li>○ Spring (15 April –30 June) and fall (1 August– 30 September) baiting allowed</li> </ul>



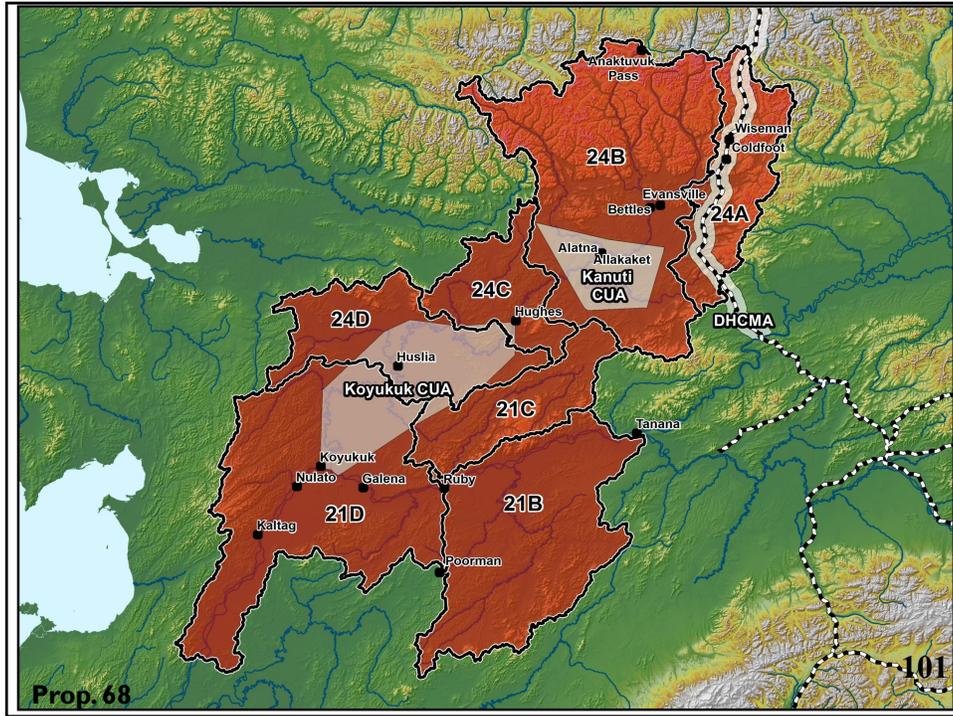
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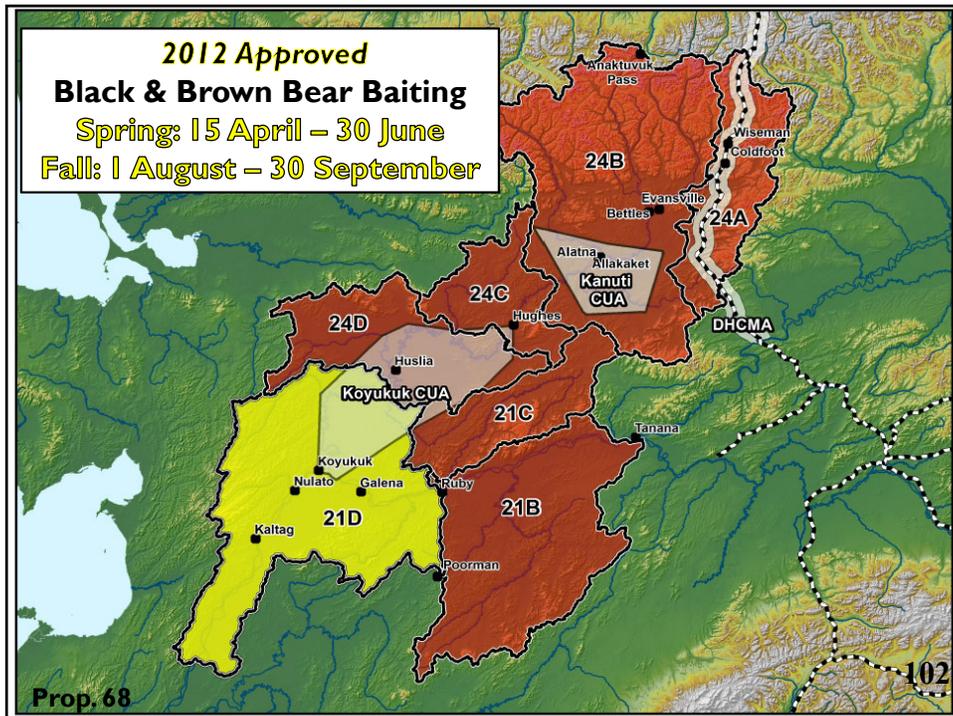
Proposal 68	Bear Baiting/ Unit 21C
<ul style="list-style-type: none"> <li>○ 21C: Harvest of brown bears at bait stations approved in 2017                             <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ 2 open seasons since approval, 2 brown bears harvested over bait</li> </ul> </li> <li>○ 21D: Harvest of brown bears at bait stations approved in 2012                             <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ August 1–September 30</li> <li>○ 3 brown bears harvested over bait</li> </ul> </li> <li>○ 24C, 24D: Harvest of brown bears at bait stations approved in 2014                             <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ August 1–September 30</li> <li>○ 2 brown bears harvested over bait</li> </ul> </li> </ul>	

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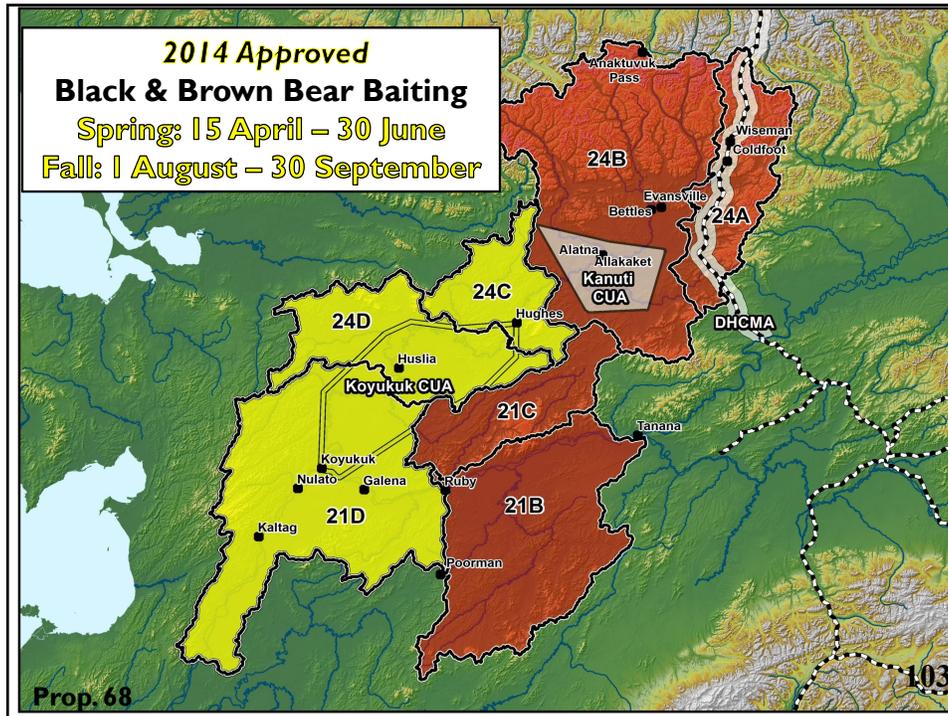
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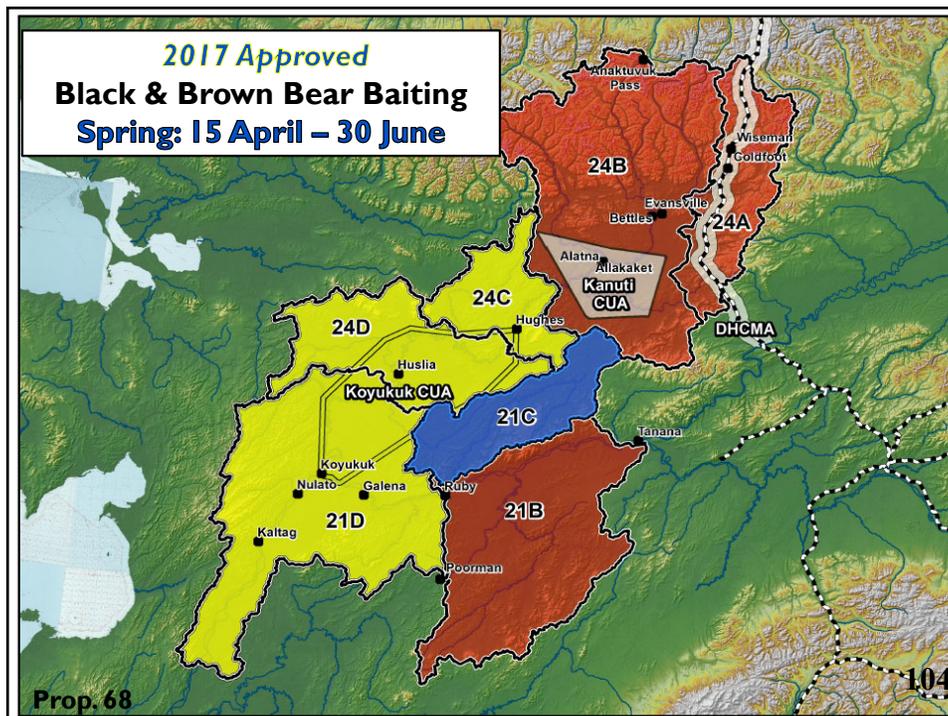
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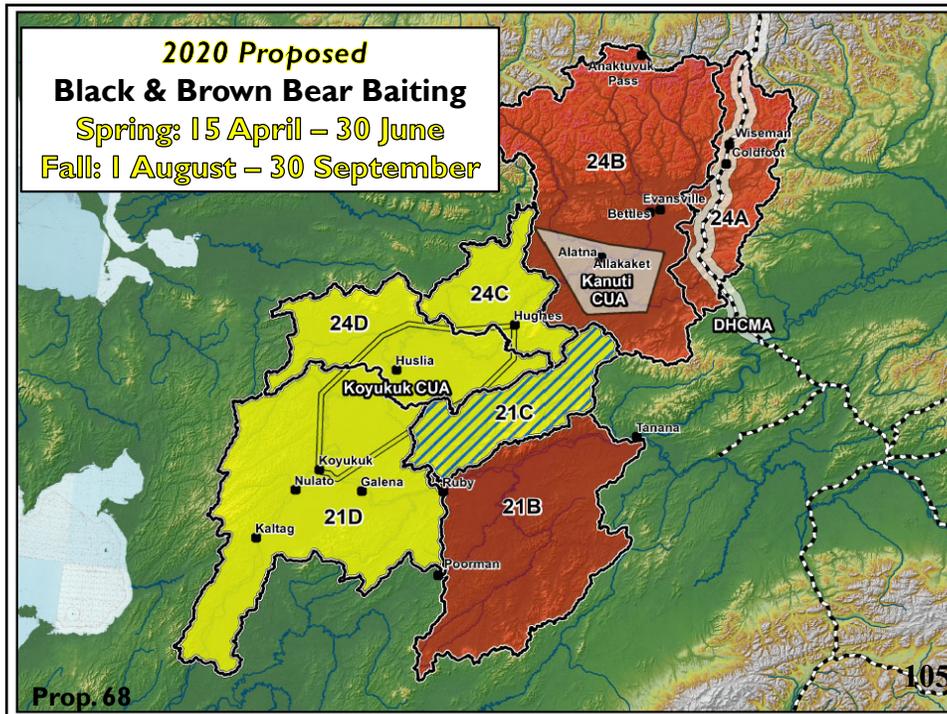
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## Proposal 68

### Bear Baiting/ Unit 21C

- Harvest is below management objective: 3-year mean harvest of at least 25 bears (50% male) combined for 21BCD
- Average of 17 bears per year, 63% male harvest
  - 2016-2017: 16 bears (8 males, 8 females)
  - 2017-2018: 18 bears (13 males, 5 females)
  - 2018-2019: 17 bears (11 males, 6 females)
- Average age 8.5 years



106

106

## Proposal 68

### Bear Baiting/ Unit 21C

- Unit 21C, currently has low annual brown bear harvest
  - Average of 6 bears per year, 63% male harvest
    - 2016-2017: 3 bears (2 males, 1 females)
    - 2017-2018: 9 bears (6 males, 3 females)
    - 2018-2019: 7 bears (4 males, 3 females)
  - Average age 9.4 years



107

107

## Proposal 68

### Bear Baiting/ Unit 21C

- Current Black Bear Baiting Seasons in 21C
  - Spring: 15 April – 30 June
- No conservation concerns if approved for 21C
  - Average of ~6 bear black bear bait sites registered annually (2012–2018).
  - Currently low annual harvest from hunting



108

108

## Proposal 68

Establish a Fall Bear Baiting Season in  
Unit 21C from August 1–September 30

Public Proposal

**Department Position – Support**

MYAC– Support

KRAC – Support

109

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## Proposal 69

Establish a Fall Bear Baiting Season in  
Unit 21C from August 1–September 30

Fairbanks AC proposal

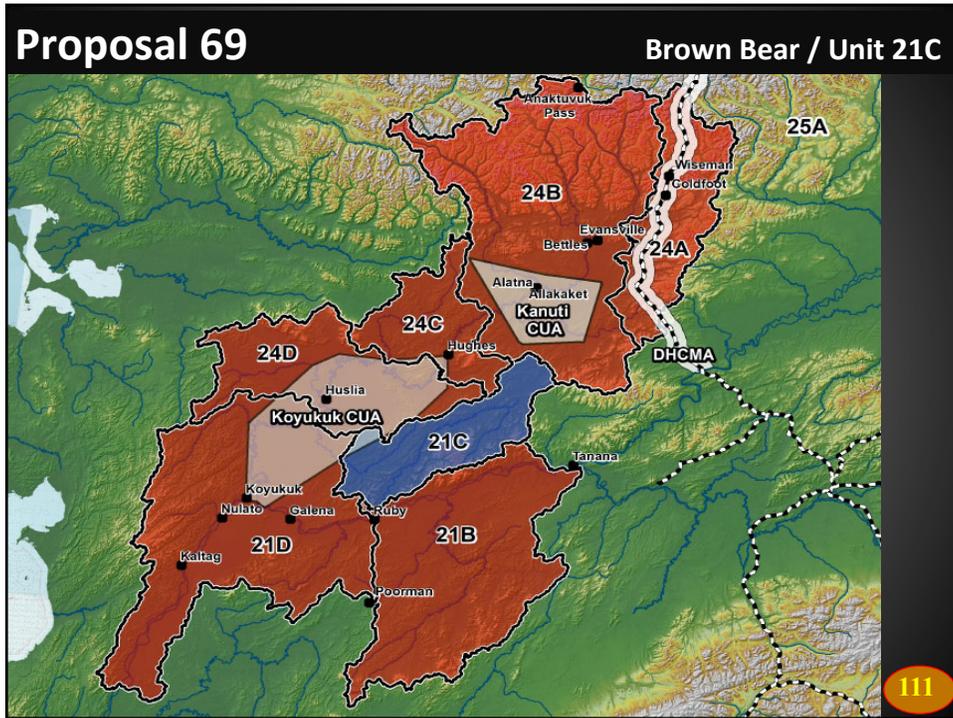
**Department Recommendation – Support**

MYAC– Support

KRAC – Support

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110



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## Proposal 69

## Bear Baiting/ Unit 21C



Current Regulations	Proposed Regulations
<ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August –30 June</li> <li>○ Hide and skull salvage required</li> <li>○ Sealing required within 30 days of kill.</li> <li>○ Spring baiting allowed (15 April –30 June)</li> </ul>	<ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August –30 June</li> <li>○ Hide and skull salvage required</li> <li>○ Sealing required within 30 days of kill.</li> <li>○ Spring (15 April –30 June) and fall ( 1 August– 30 September) baiting allowed</li> </ul>

112

112

Proposal 69	Bear Baiting/ Unit 21C
<p><b>Current Regulations</b></p> <ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ Three bears</li> <li>○ No closed season</li> <li>○ Meat salvage required (January 1– May 31)</li> <li>○ Meat or hide (with claws attached) salvage required (June 1– December 31)</li> <li>○ No sealing requirement</li> <li>○ Spring baiting allowed (15 April –30 June)</li> </ul>	<p><b>Proposed Regulations</b></p> <ul style="list-style-type: none"> <li>○ Both residents and nonresidents</li> <li>○ Three bears</li> <li>○ No closed season</li> <li>○ Meat salvage required (January 1– May 31)</li> <li>○ Meat or hide (with claws attached) salvage required (June 1– December 31)</li> <li>○ No sealing requirement</li> <li>○ Spring (15 April –30 June) and fall ( 1 August– 30 September) baiting allowed</li> </ul> 

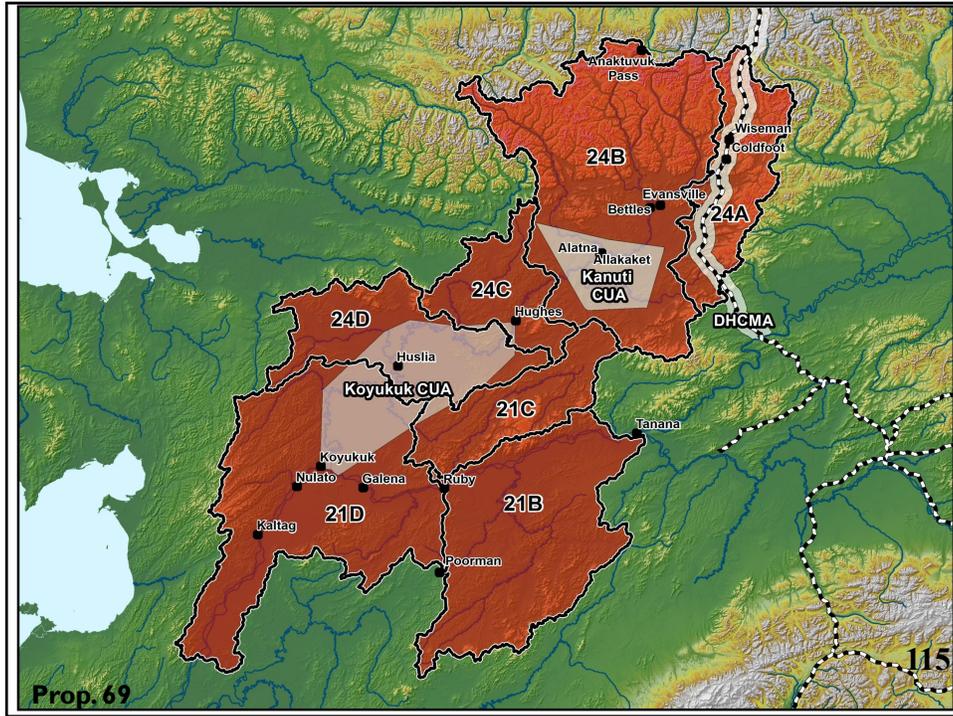
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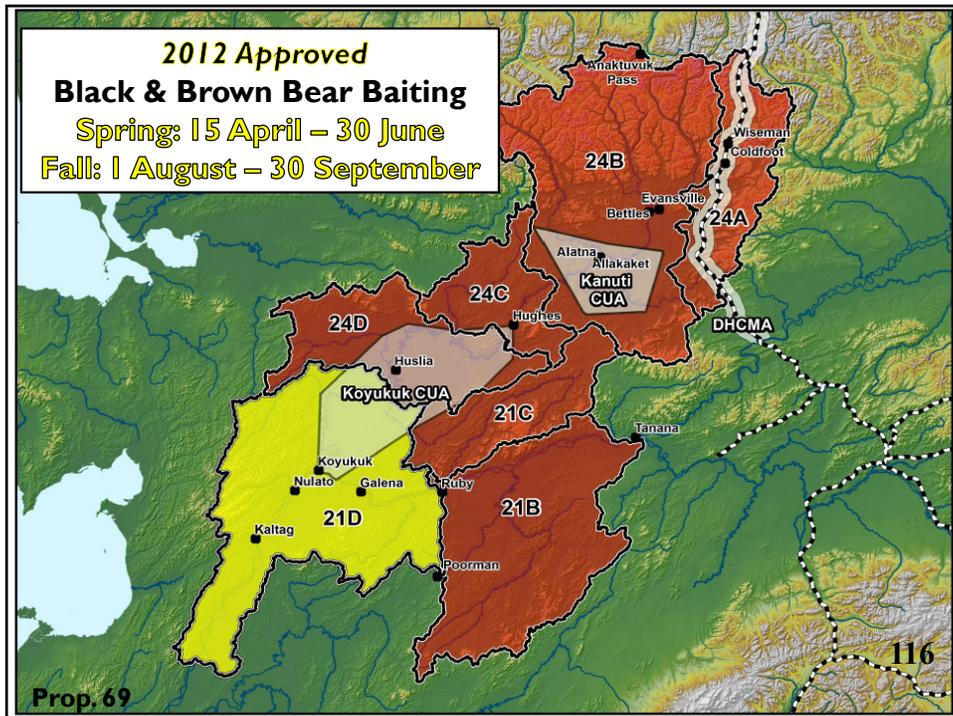
Proposal 69	Bear Baiting/ Unit 21C
<ul style="list-style-type: none"> <li>○ 21C: Harvest of brown bears at bait stations approved in 2017               <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ 2 open seasons since approval, 2 brown bears harvested over bait</li> </ul> </li> <li>○ 21D: Harvest of brown bears at bait stations approved in 2012               <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ August 1–September 30</li> <li>○ 3 brown bears harvested over bait</li> </ul> </li> <li>○ 24C, 24D: Harvest of brown bears at bait stations approved in 2014               <ul style="list-style-type: none"> <li>○ April 15–June 30</li> <li>○ August 1–September 30</li> <li>○ 2 brown bears harvested over bait</li> </ul> </li> </ul>	

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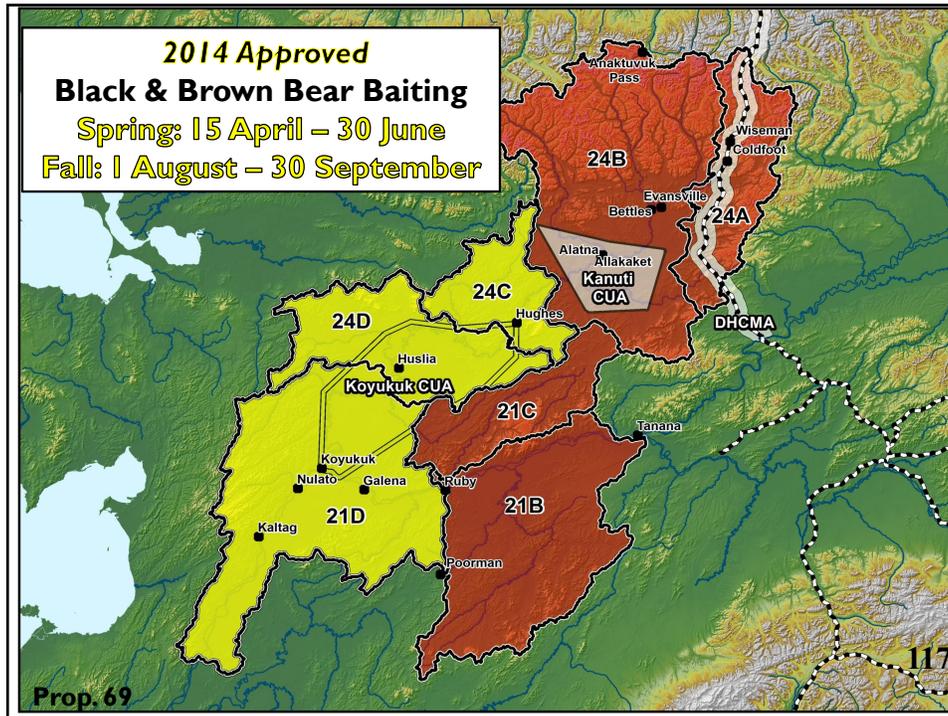
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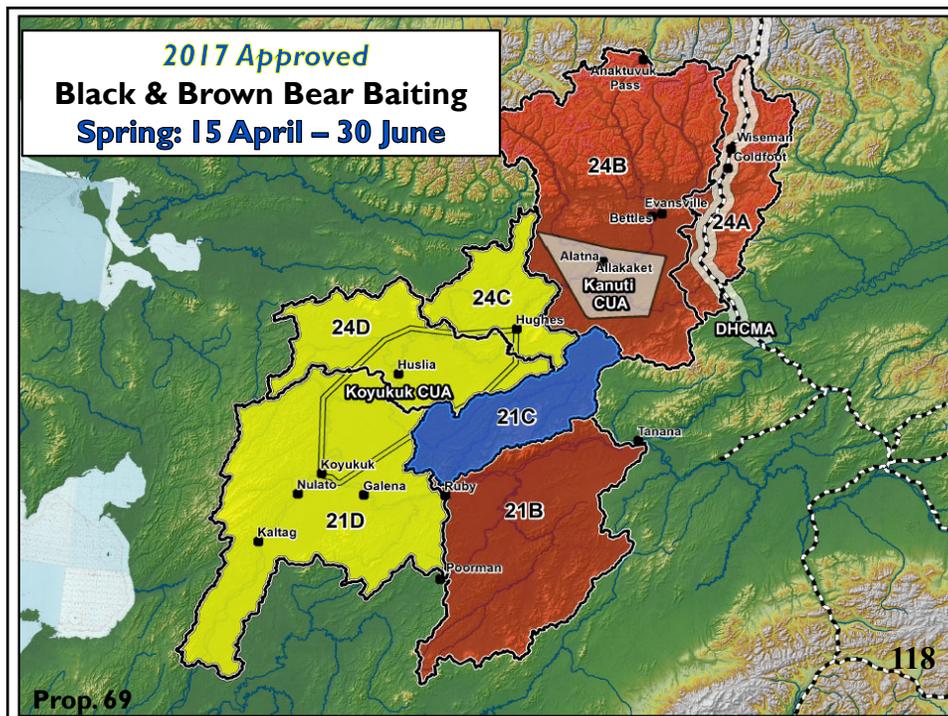
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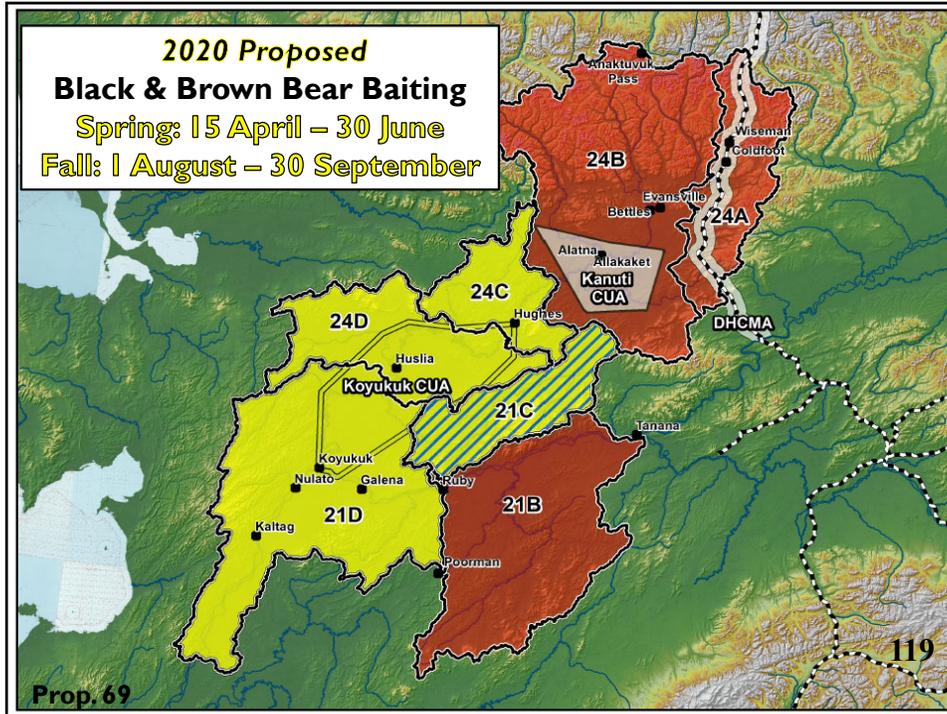
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## Proposal 69

### Bear Baiting/ Unit 21C

- Harvest is below management objective: 3-year mean harvest of at least 25 bears (50% male) combined for 21BCD
- Average of 17 bears per year, 63% male harvest
  - 2016-2017: 16 bears (8 males, 8 females)
  - 2017-2018: 18 bears (13 males, 5 females)
  - 2018-2019: 17 bears (11 males, 6 females)
- Average age 8.5 years



120

120

## Proposal 69

### Bear Baiting/ Unit 21C

- Unit 21C, currently has low annual brown bear harvest
  - Average of 6 bears per year, 63% male harvest
    - 2016-2017: 3 bears (2 males, 1 females)
    - 2017-2018: 9 bears (6 males, 3 females)
    - 2018-2019: 7 bears (4 males, 3 females)
  - Average age 9.4 years



121

121

## Proposal 69

### Bear Baiting/ Unit 21C

- Current Black Bear Baiting Seasons in 21C
  - Spring: 15 April – 30 June
- No conservation concerns if approved for 21C
  - Average of ~6 bear black bear bait sites registered annually (2012–2018).
  - Currently low annual harvest from hunting



122

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## Proposal 69

Establish a Fall Bear Baiting Season in  
Unit 21C from August 1–September 30

Fairbanks AC proposal

**Department Position – Support**

MYAC– Support

KRAC – Support

123

123

## Proposal 70

Extend the Season Dates for Brown  
Bears in Unit 24A

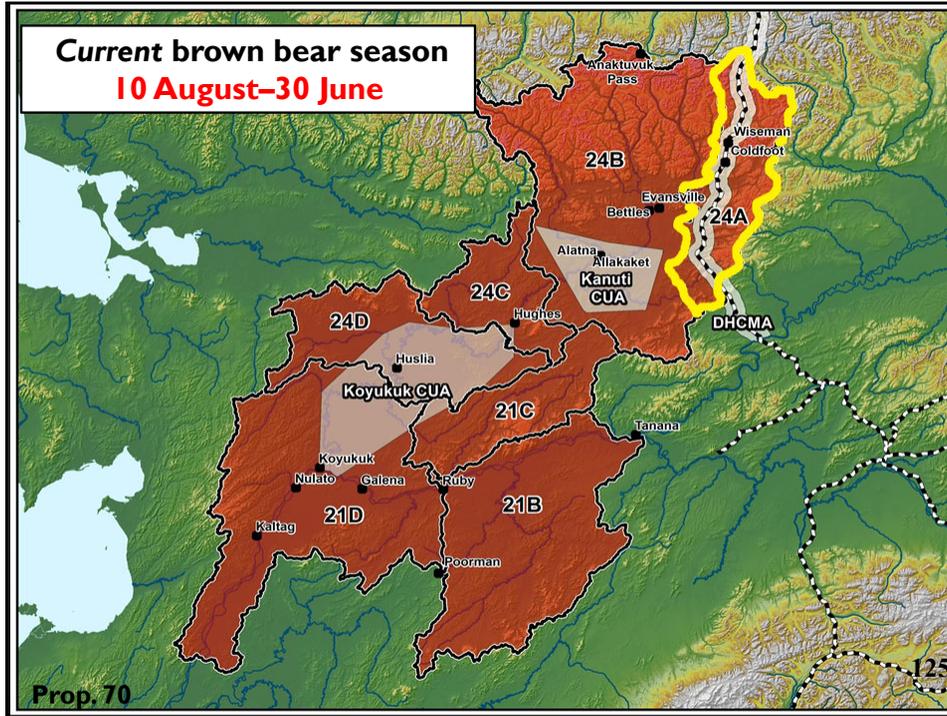
Public proposal

**Department Recommendation – Support**

KRAC – Oppose

124

124

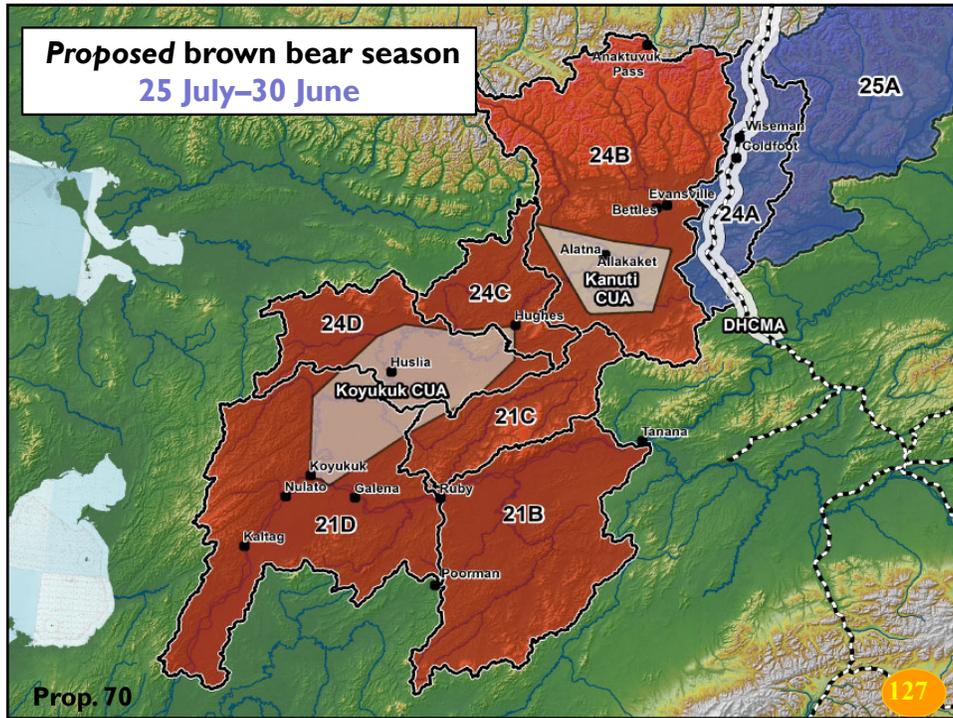


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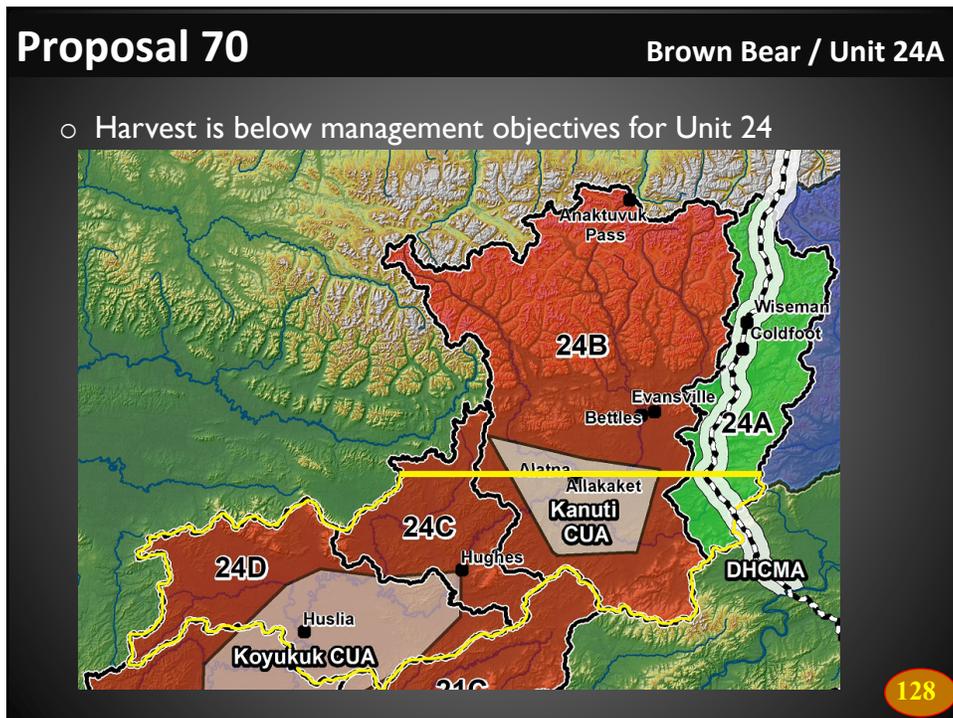
Proposal 70		Brown Bear/ Unit 24A
Current Regulations	Proposed Regulations	
<ul style="list-style-type: none"> <li>○ Residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August–30 June</li> <li>○ Hide and skull salvage required.</li> <li>○ Sealing required within 30 days of kill</li> </ul>	<ul style="list-style-type: none"> <li>○ Residents and nonresidents</li> <li>○ One bear</li> <li>○ <b>25 July</b> –30 June</li> <li>○ Hide and skull salvage required.</li> <li>○ Sealing required within 30 days of kill</li> </ul>	

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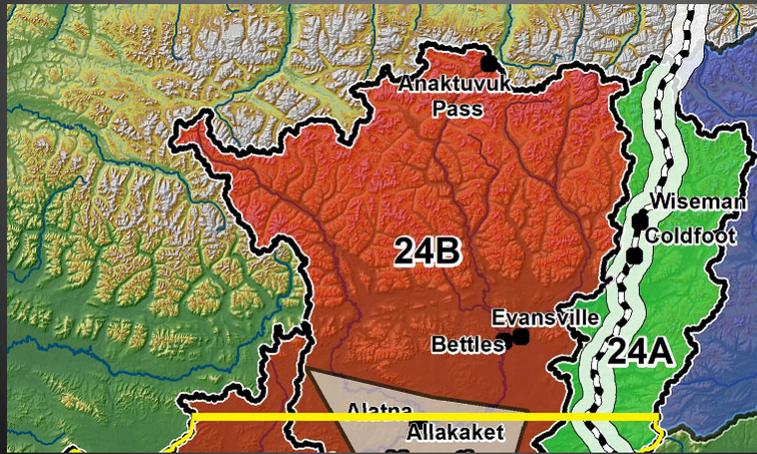


128

## Proposal 70

### Brown Bear / Unit 24A

- Management objective for the northern portion of the unit (north of Allakaket): 3-year mean harvest of at least 20 bears
- Harvest: 3-year mean of 14 bears, 64% male (RY16-RY18)

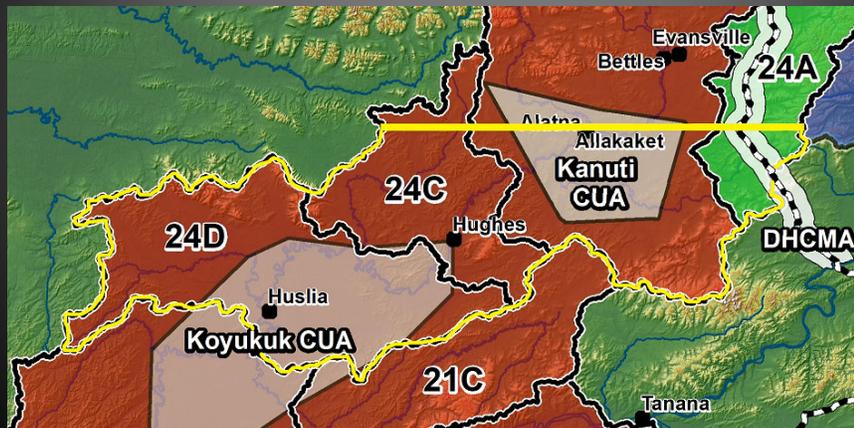


129

## Proposal 70

### Brown Bear / Unit 24A

- Management objective for the southern portion of the unit (south of Allakaket): 3-year mean harvest of at least 15 bears
- Harvest: 1 bear, 100% male (RY16-RY18)



130

## Proposal 70

Brown Bear / Unit 24A

- Unit 24A, currently has low annual brown bear harvest
  - Average of ~11 bears per year, 59% male harvest
    - 2016-2017: 15 bears (10 males, 5 female)
    - 2017-2018: 11 bears (5 males, 6 females)
    - 2018-2019: 6 bears (4 males, 2 females)
  - Average age 8.4 years

131

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## Proposal 70

Brown Bear / Unit 24A

- Northern Unit 24 estimated population size ~450 bears
- Southern Unit 24 estimated population size 320–480
- Using a 5-6% harvest rate, a minimum annual harvest of 39–56 bears can be sustained for all of Unit 24
- Positive C&T finding for Unit 24
- 25–35 bears ANS for Unit 24 combined with Units 23 and 26
  - Unit 24A could support additional harvest, there is no biological concern
  - Need to proceed with caution due to the accessibility of Unit

132

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## Proposal 70

### Extend the Season Dates for Brown Bears in Unit 24A

Public proposal

**Department Position – Support**

KRAC – Oppose

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## Proposal 71

### Establish a Spring Brown Bear Baiting Season in Unit 24A

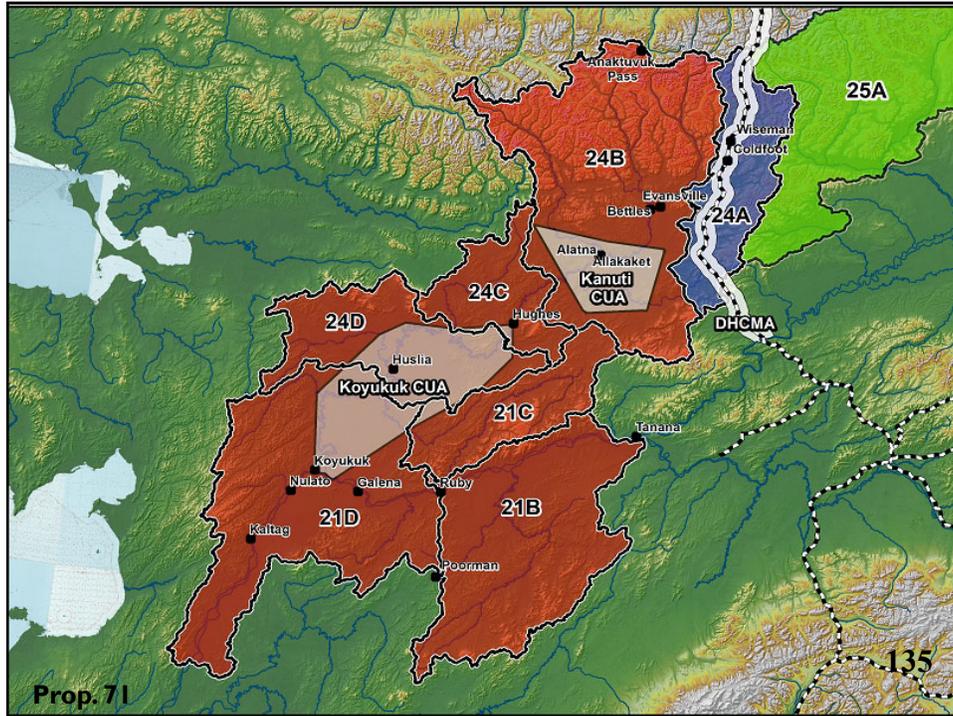
Public Proposal

**Department Recommendation – Support**

KRAC – Support

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134



135

Proposal 71		Brown Bear / Unit 24A
Current Regulations	Proposed Regulations	
<ul style="list-style-type: none"> <li>○ Residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August–30 June</li> <li>○ Hide and skull salvage required.</li> <li>○ Sealing required within 30 days of kill</li> </ul>	<ul style="list-style-type: none"> <li>○ Residents and nonresidents</li> <li>○ One bear</li> <li>○ 10 August–30 June</li> <li>○ Hide and skull salvage required.</li> <li>○ Sealing required within 30 days of kill</li> <li>○ <b>Spring baiting (15 April–June 30) allowed</b></li> </ul>	

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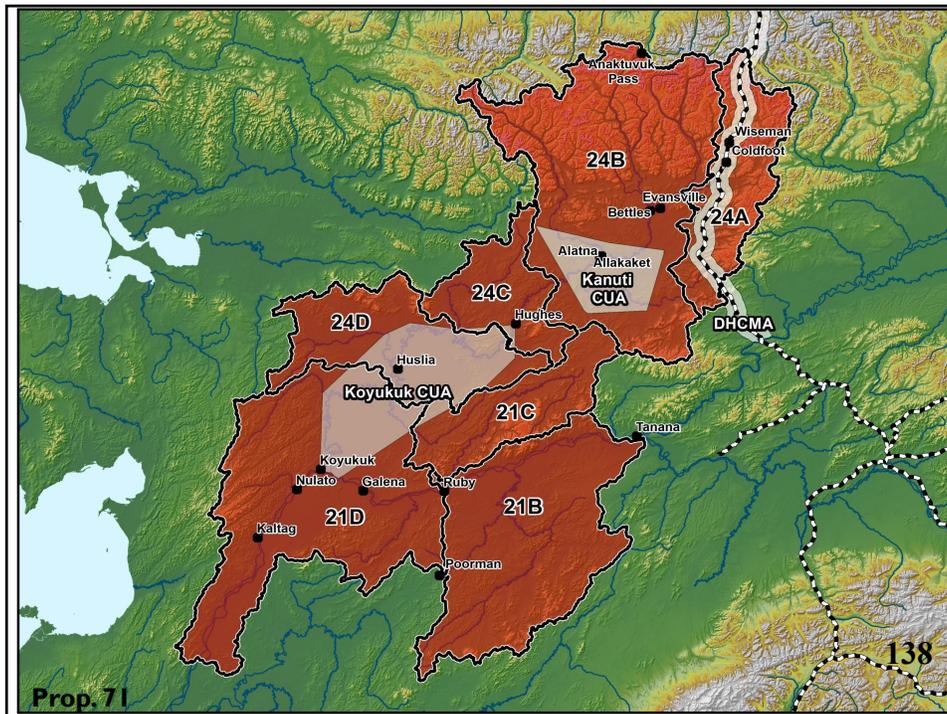
## Proposal 71

## Brown Bear / Unit 24A

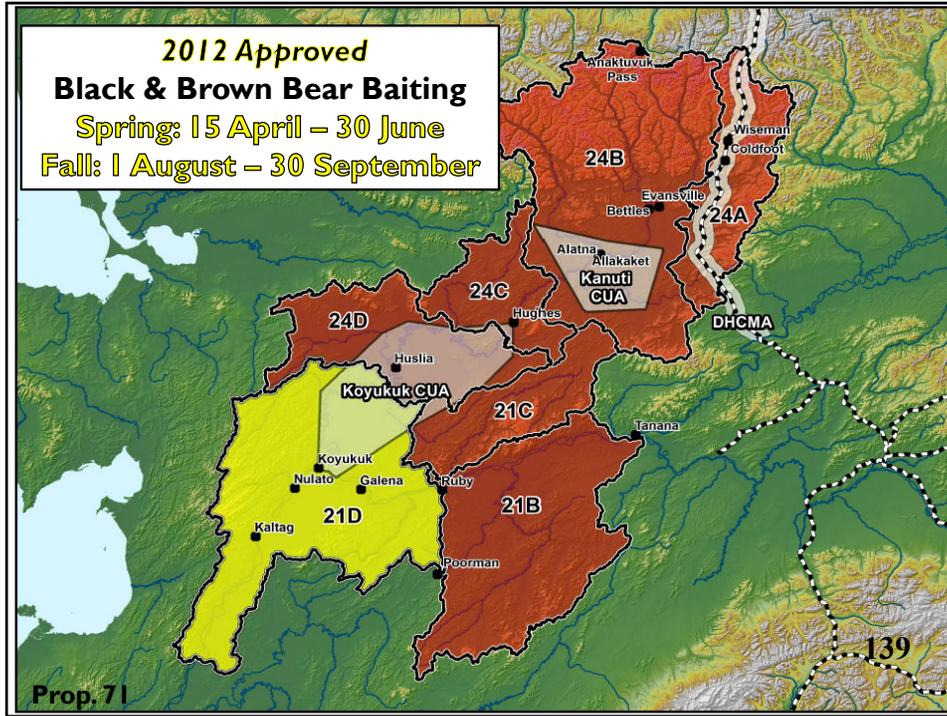
- 21D: Harvest of brown bears at bait stations approved in 2012
  - April 15–June 30
  - August 1–September 30
  - 3 brown bears harvested over bait
- 24C, 24D: Harvest of brown bears at bait stations approved in 2014
  - April 15–June 30
  - August 1–September 30
  - 2 brown bears harvested over bait
- 21C: Harvest of brown bears at bait stations approved in 2017
  - April 15–June 30
  - 2 open seasons since approval, 2 brown bears harvested over bait

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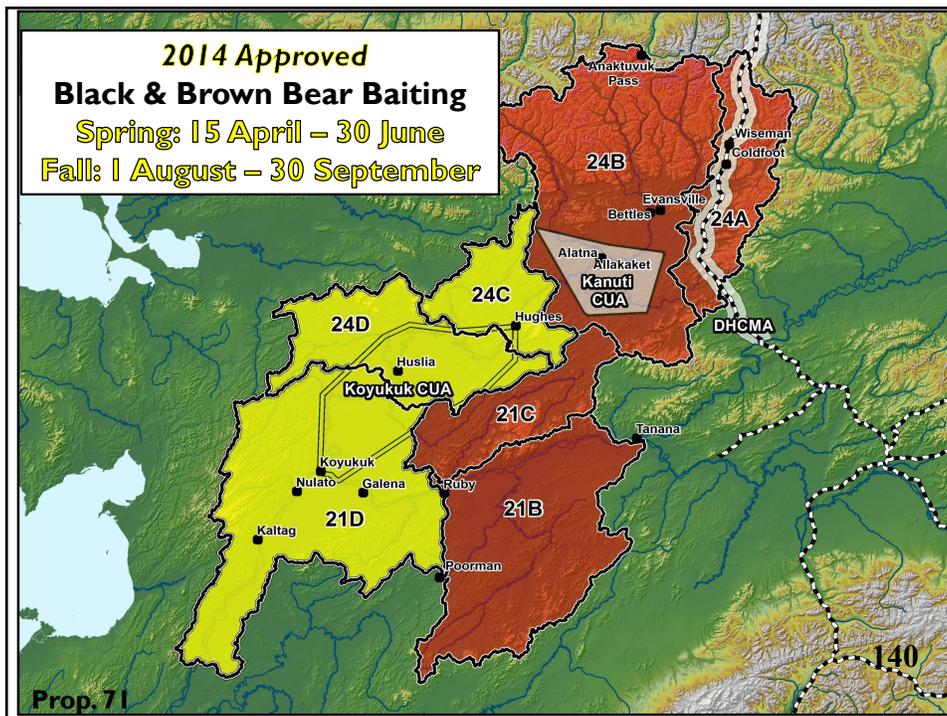
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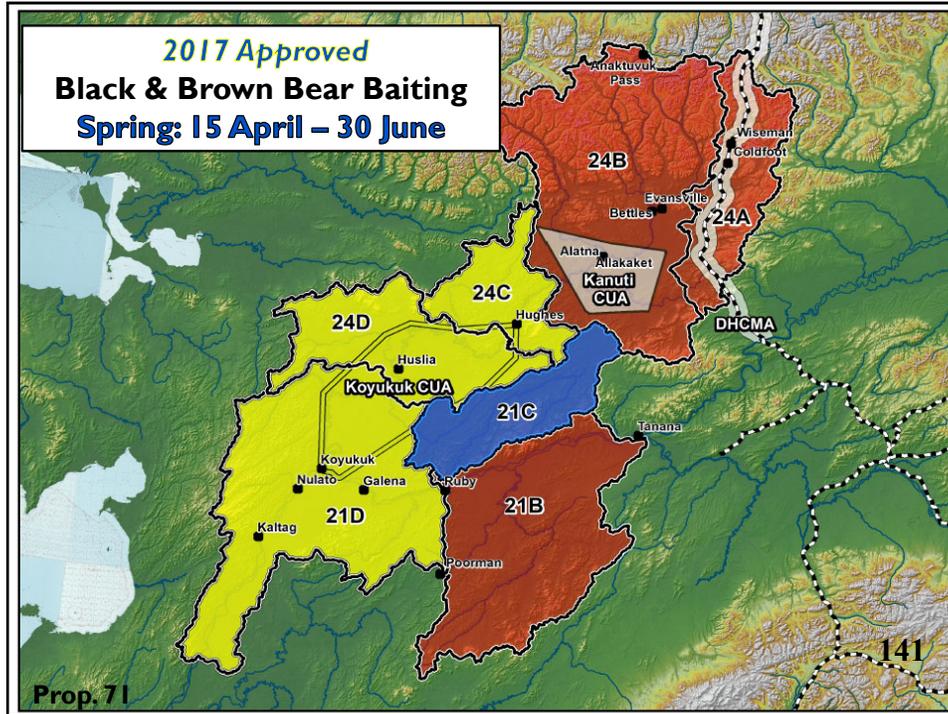
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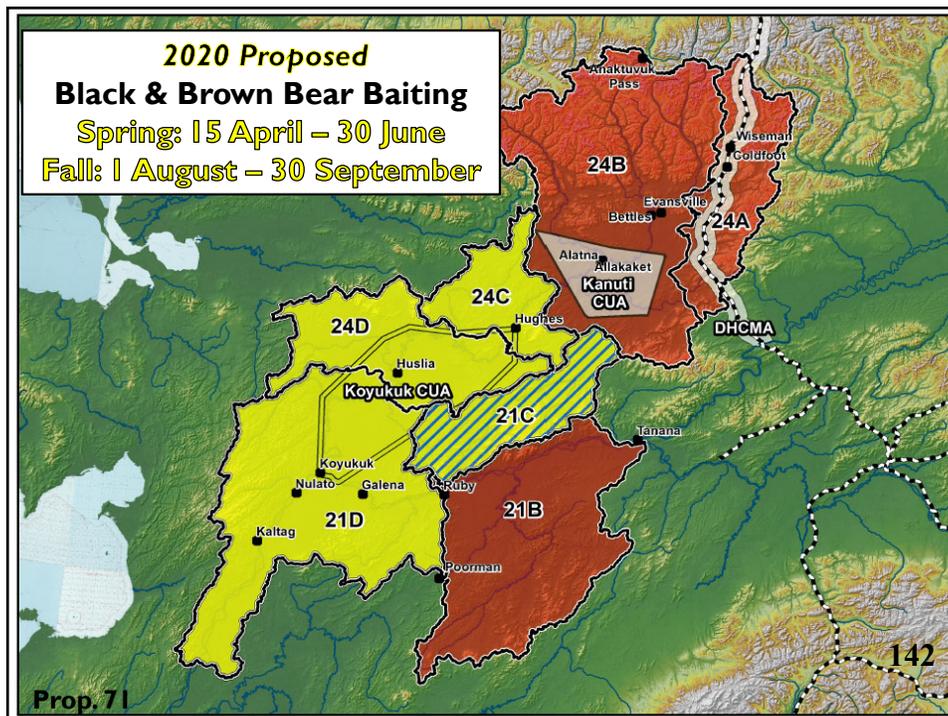
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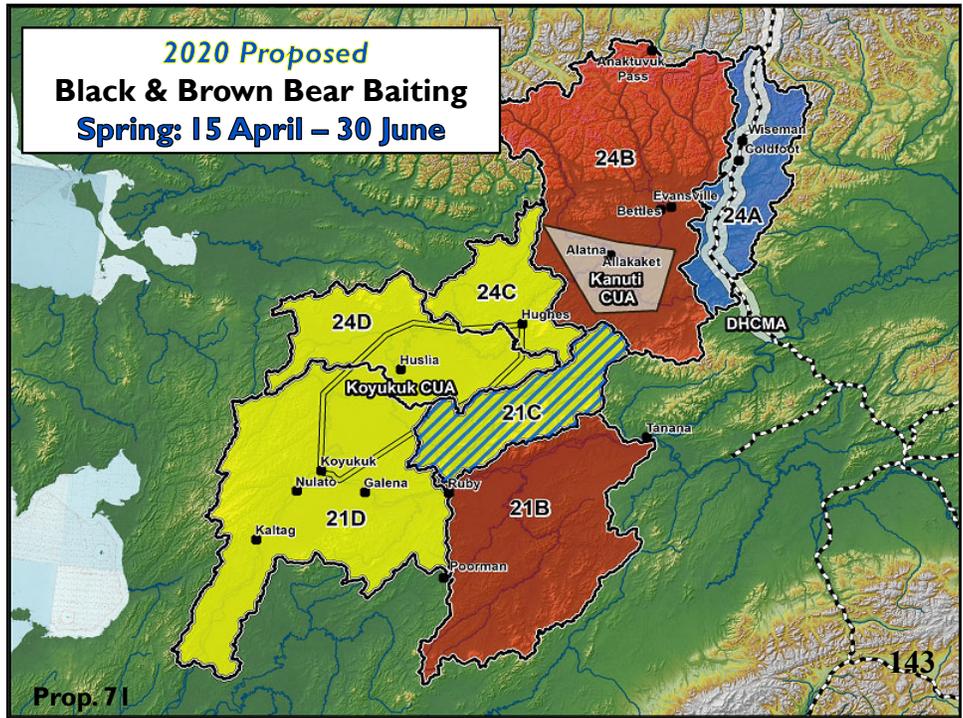
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**Proposal 71** **Brown Bear / Unit 24A**

- Unit 24A, currently has low annual brown bear harvest
  - Average of ~11 bears per year, 59% male harvest
    - 2016-2017: 15 bears (10 males, 5 female)
    - 2017-2018: 11 bears (5 males, 6 females)
    - 2018-2019: 6 bears (4 males, 2 females)
  - Average age 8.4 years

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## Proposal 71

Brown Bear / Unit 24A

- Northern Unit 24 estimated population size ~450 brown bears
- Southern Unit 24 estimated population size 320–480 brown bears
- Using a 5-6% harvest rate, a minimum annual harvest of 39–56 bears can be sustained for all of Unit 24
- Positive C&T finding for Unit 24
- 25–35 bears ANS for Unit 24 combined with Units 23 and 26
  - Unit 24A could support additional harvest, there is no biological concern

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## Proposal 71

### Establish a Spring Brown Bear Baiting Season in Unit 24A

Public Proposal

**Department Position – Support**

KRAC – Support

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# Proposal 72

## Increase the Resident Bag Limit for Brown Bears in Unit 24B

Public Proposal

Department Recommendation – Neutral on allocative aspects, Support expanded opportunity

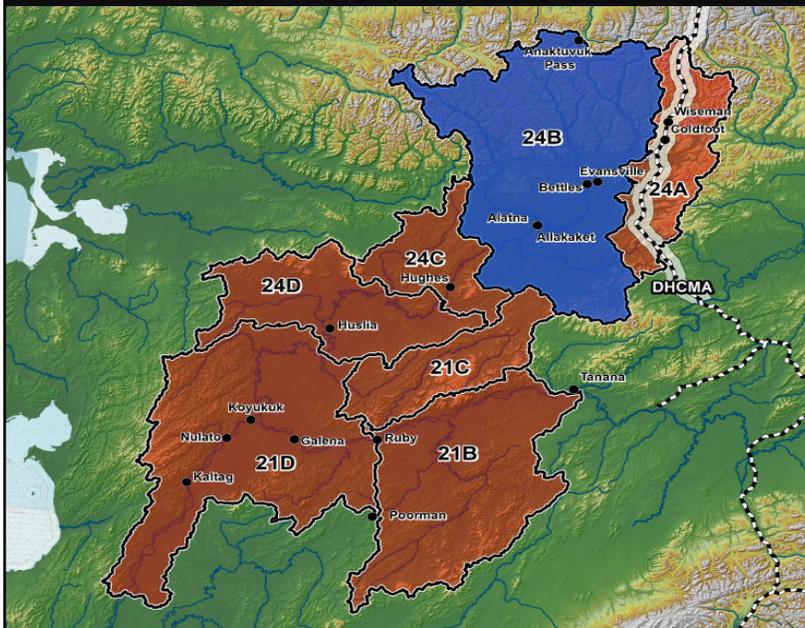
KRAC – Support

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# Proposal 72

## Brown Bear / Unit 24B



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## Proposal 72

Brown Bear / Unit 24B

### Current Regulations

- Residents and nonresidents
  - One bear
  - 10 August–30 June
  - Hide and skull salvage required.
  - Sealing required within 30 days of kill

### Proposed Regulations

- **Residents**
  - **TWO bears**
  - 10 August–30 June
  - Hide and skull salvage required.
  - Sealing required within 30 days of kill
  - **Brown bear hides (with claws attached) and skulls may be sold after sealing.**

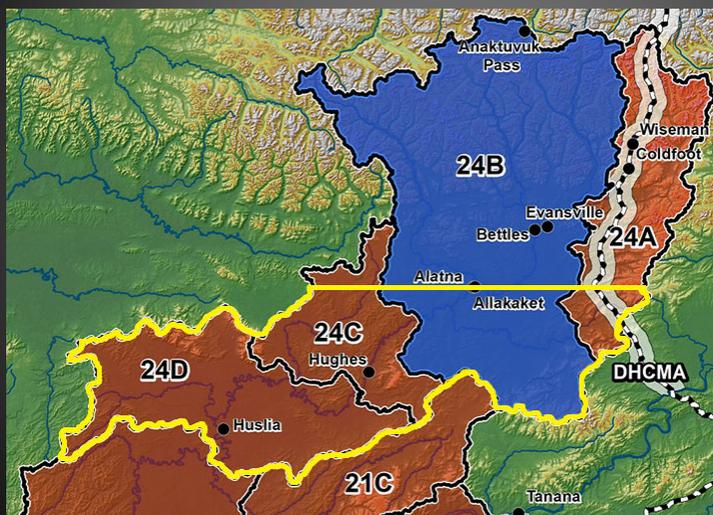
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## Proposal 72

Brown Bear / Unit 24B

- Harvest is below management objectives for Unit 24



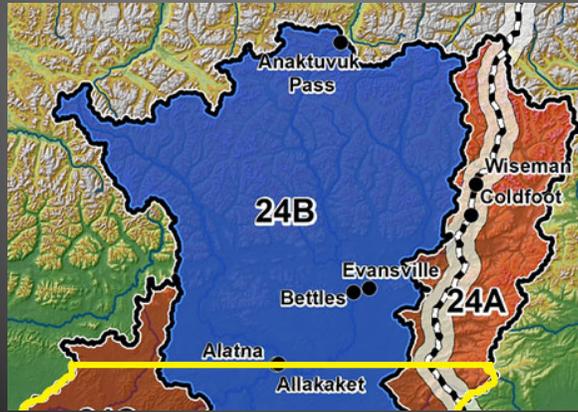
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## Proposal 72

Brown Bear / Unit 24B

- Management objective for the northern portion of the unit (north of Allakaket): 3-year mean harvest of at least 20 bears
- Harvest: 3-year mean of 14 bears, 64% male (RY16-RY18)



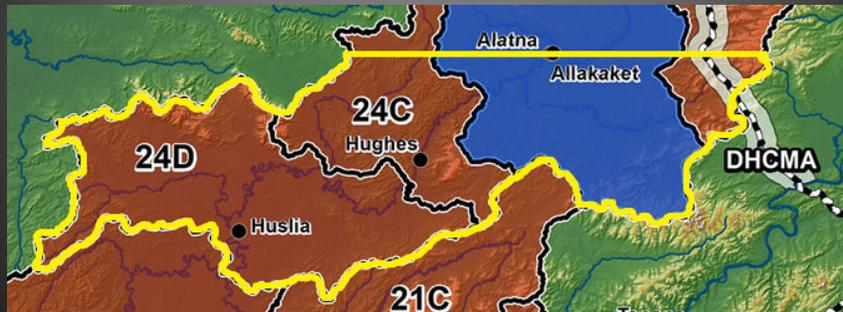
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## Proposal 72

Brown Bear / Unit 24B

- Management objective for the southern portion of the unit (south of Allakaket): 3-year mean harvest of at least 15 bears
- Harvest: 1 bear, 100% male (RY16-RY18)



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## Proposal 72

Brown Bear / Unit 24B

- 51% of the harvest was by residents between RY16–RY18.
- If approved, harvest could increase by up to 5 bears
  - 3 of 35 hunters (all nonresident) in Unit 19A harvested 2 bears
  - 0 of 24 hunters in Unit 19D harvested 2 bears
  - 5 of 99 hunters (all residents) in Unit 20E harvested 2 bears

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## Proposal 72

Brown Bear / Unit 24B

- Northern Unit 24 estimated population size ~450 bears
- Southern Unit 24 estimated population size 320–480
- Using a 5-6% harvest rate a minimum annual harvest of 39–56 bears can be sustained for all of Unit 24
- Positive C&T finding for Unit 24
- 25–35 bears ANS combined with Units 23 and 26
- No biological concern with brown bear harvest in Unit 24B

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## Proposal 72

### Increase the Resident Bag Limit for Brown Bears in Unit 24B

Public Proposal

**Department Recommendation – Neutral on allocative aspects, Support expanded opportunity**

KRAC – Support

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## Proposal 73

### Eliminate the RB601 Subsistence Brown Bear Permit for Units 21D and 24

Public Proposal

**Department Recommendation – Neutral**

KRAC – Support

Ruby AC – Support

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## Proposal 73

Brown Bear / Units 24 and 21D

- RB601 subsistence brown bear permit is seldom utilized by residents of Units 21D and 24.
  - Only 1 bear harvested from 2009–2018 under this permit
  - 26 bears harvested by residents under general season regulations from 2009–2018
- Opportunity remains under general season regulations
- Confusion about regulation would be eliminated
- However, the regulations will no longer reflect customary and traditional uses recognized by the board.

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## Proposal 73

Brown Bear / Units 24 and 21D

Brown Bear Regulation	Required for General Season	Required for RB601
Sealing	Yes	No (unless leaves GMU or Commercial Tanning)
Hide Salvage	Yes	No (unless sealed)
Skull Salvage	Yes	No (unless sealed)
Meat Salvage	No	Yes
Permit	No	Yes
Tag Fee	No	No
Trophy Destruction	No	Yes (if leaves GMU or Commercial Tanning)
Aircraft	Yes	No
Season	Aug 10–June 30	Aug 10–June 30
Bag limit	1 bear per Regulatory Year	1 bear per Regulatory Year

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**Proposal 73** **Brown Bear / Units 24 and 21D**

o Most notable difference is the sealing requirement

Brown Bear Regulation	Required for General Hunt	Required for RB601
Sealing	Yes	No (unless leaves GMU or Commercial Tanning)
Hide Salvage	Yes	No (unless sealed)
Skull Salvage	Yes	No (unless sealed)
Meat Salvage	No (unless baited)	Yes
Permit	No	Yes
Tag Fee	No	No
Trophy Destruction	No	Yes (if leaves GMU or Commercial Tanning)
Aircraft	Yes	No
Season	Aug 10–June 30	Aug 10–June 30
Bag limit	1 bear per Regulatory Year	1 bear per Regulatory Year

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**Proposal 73** **Brown Bear/ Unit 24 and 21D**

<p><b>General Season Requirements</b></p> <ul style="list-style-type: none"> <li>o Permit does not have to be obtained in advance</li> <li>o Meat does not have to be salvaged</li> <li>o No trophy destruction</li> </ul>	<p><b>RB601 Requirements</b></p> <ul style="list-style-type: none"> <li>o Must obtain permit prior to hunting</li> <li>o Meat salvage requirement</li> <li>o If the bear harvested under the RB601 permit is removed from the subsistence area, skin of the head and front claws are removed and kept by the Department</li> </ul>
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## Proposal 73

Brown Bear/ Units 24 and 21D

### General Season Requirements

- Skull and hide sealing requirement

### SAME IN BOTH

- Bag limit of 1 bear
- Season Date of 10 August –30 June
- No tag fee

### RB601 Requirements

- The Department provides broad flexibility to accommodate limited access to sealers in rural communities
- Removing the skull from the field may be contrary to customary and traditional practices

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## Subsistence implications

- State of Alaska v. Morry (1992) invalidated
  - 5 AAC 92.012(c) (brown bear tag fee requirement and
  - 5 AAC 92.165 (bear sealing requirement)
- As a result, sealing, salvaging meat, and salvaging hides are distinctions that should be addressed in any proposal and in the public hearing that would be held when considering adoption of a change in regulation.

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## Proposal 73

Eliminate the RB601 Subsistence  
Brown Bear Permit for Units 21D  
and 24

Public Proposal

**Department Recommendation – Neutral**

KRAC –Support

Ruby AC – Support

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## Proposal 74 Muskox / Unit 22A, 21D and 24D

Provide a muskox hunting opportunity in Units  
22A, 21D and 24D, Feb 1-Apr 30

Middle Yukon Advisory Committee

**Department Recommendation: Neutral**

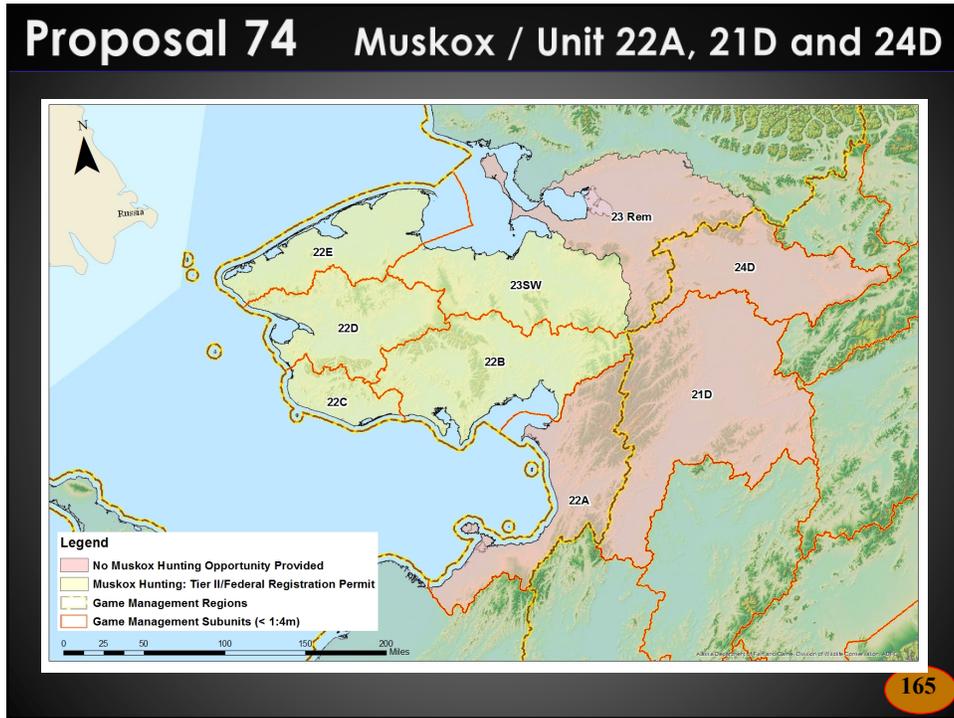
Northern Norton Sound AC Support as Amended (13-0)

Southern Norton Sound AC Support as Amended (13-0)

Middle Yukon AC Support

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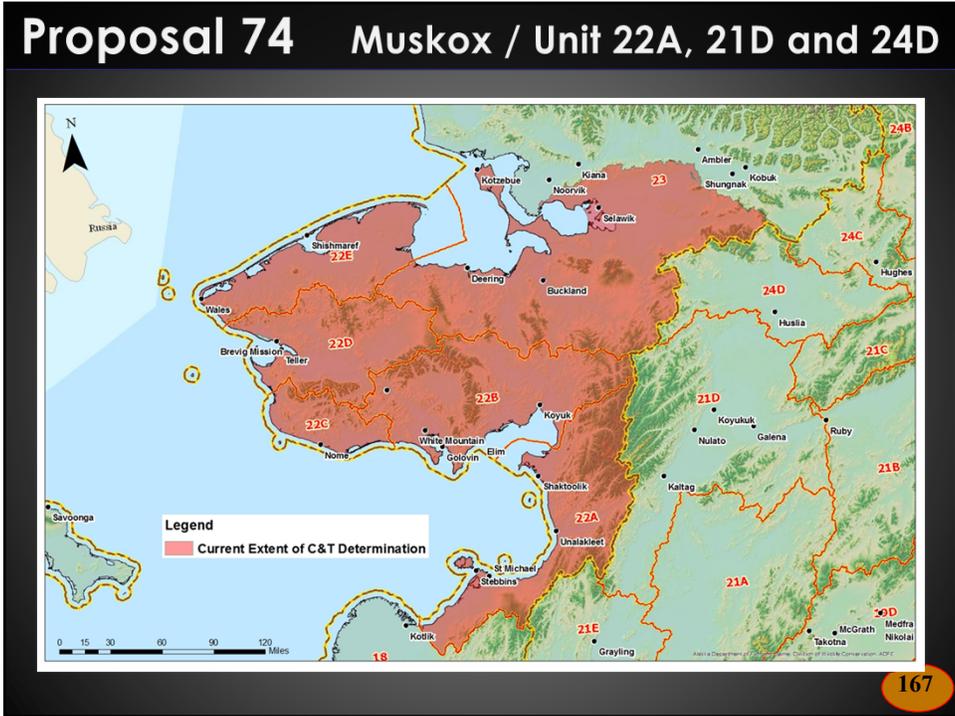
## Proposal 74 Muskox / Unit 22A, 21D and 24D

**Regulatory History:**

- Customary and Traditional Use Determination (C&T)
  - Negative (1995)
  - Positive (1998)
  - “(9) Musk Oxen... Unit 22 and Unit 23 south and west of the Kobuk River Drainage”
- Amount Reasonably Necessary for Subsistence Use’s (ANS)
  - 100-150, including 10-25 in Unit 22E
- A C&T for Units 21D and 24D has not been made

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## Proposal 74 Muskox / Unit 22A, 21D and 24D

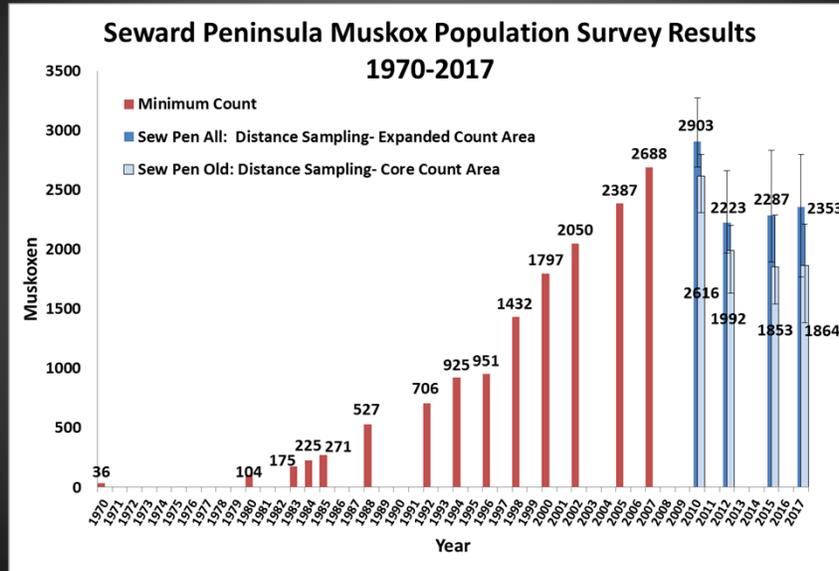
**Population Information:**

- Source Population
  - Nunivak Island
- Initial Transplant
  - 1970
  - 36 Muskox
  - Feather River
- Supplemental Transplant
  - 1981
  - 35 Muskox
  - Port Clarence

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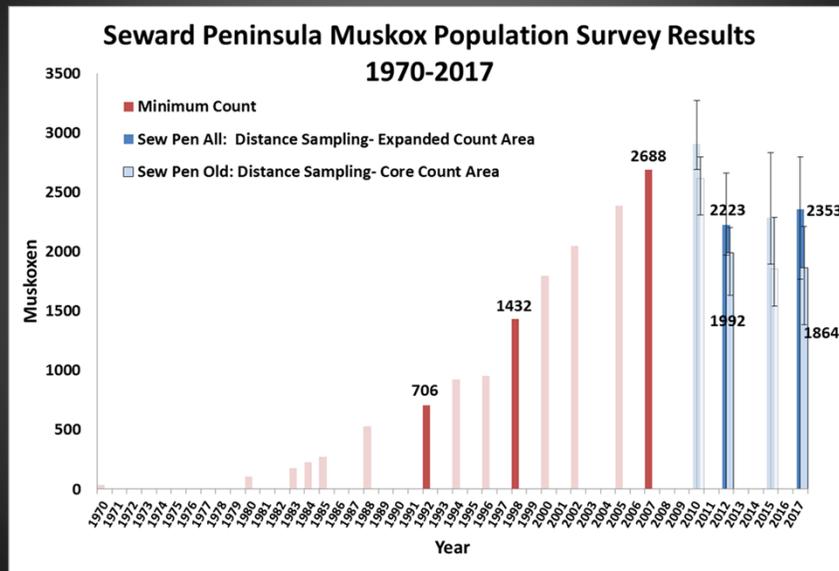
## Proposal 74 Muskox / Unit 22A, 21D and 24D



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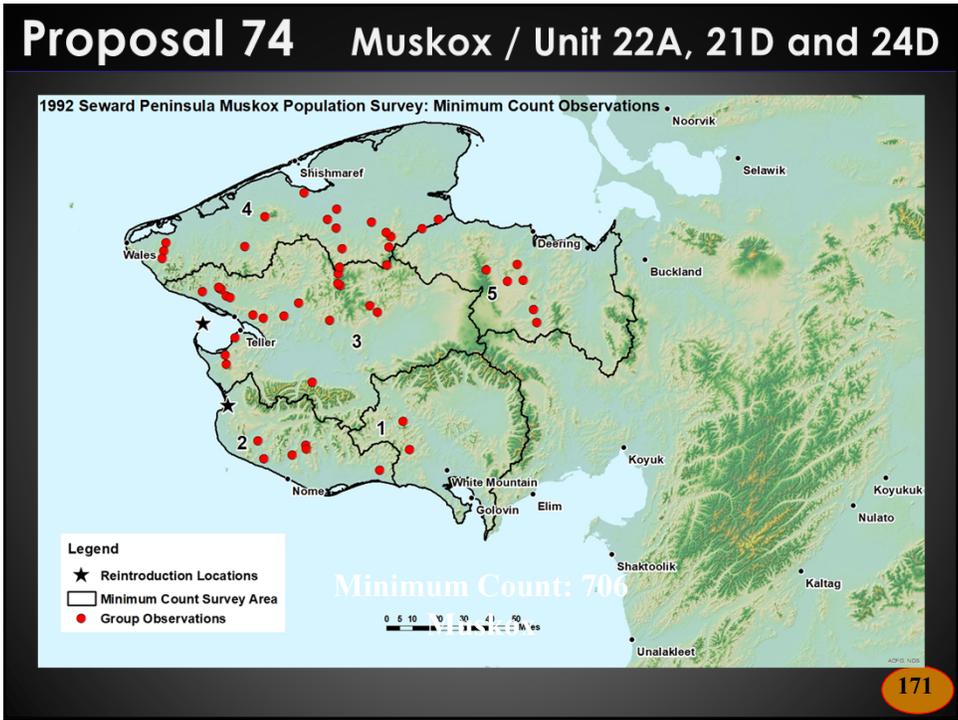
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## Proposal 74 Muskox / Unit 22A, 21D and 24D

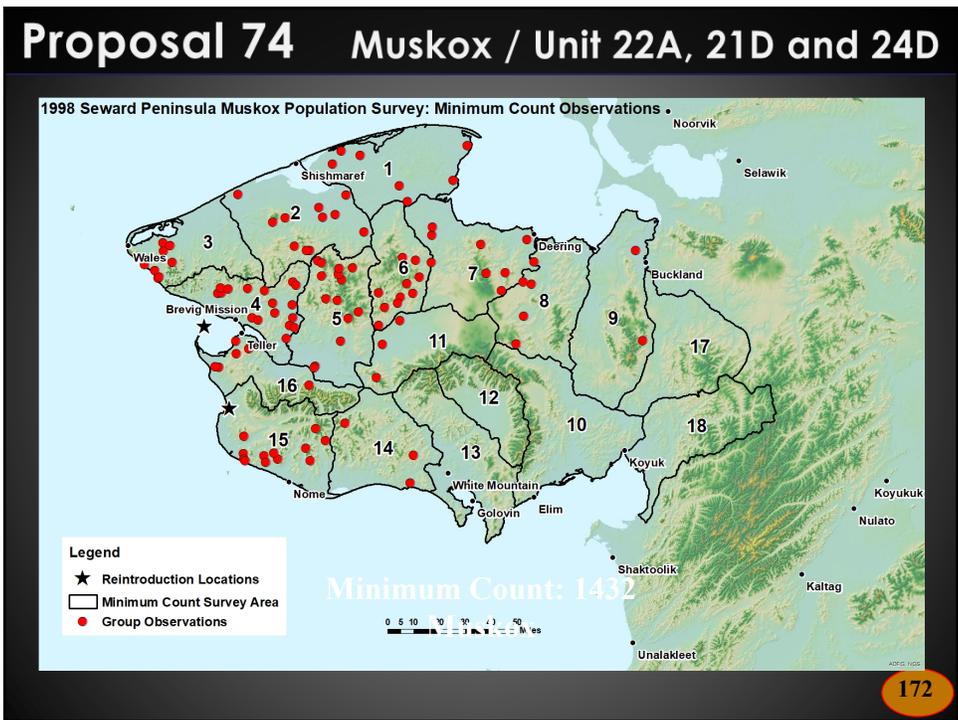


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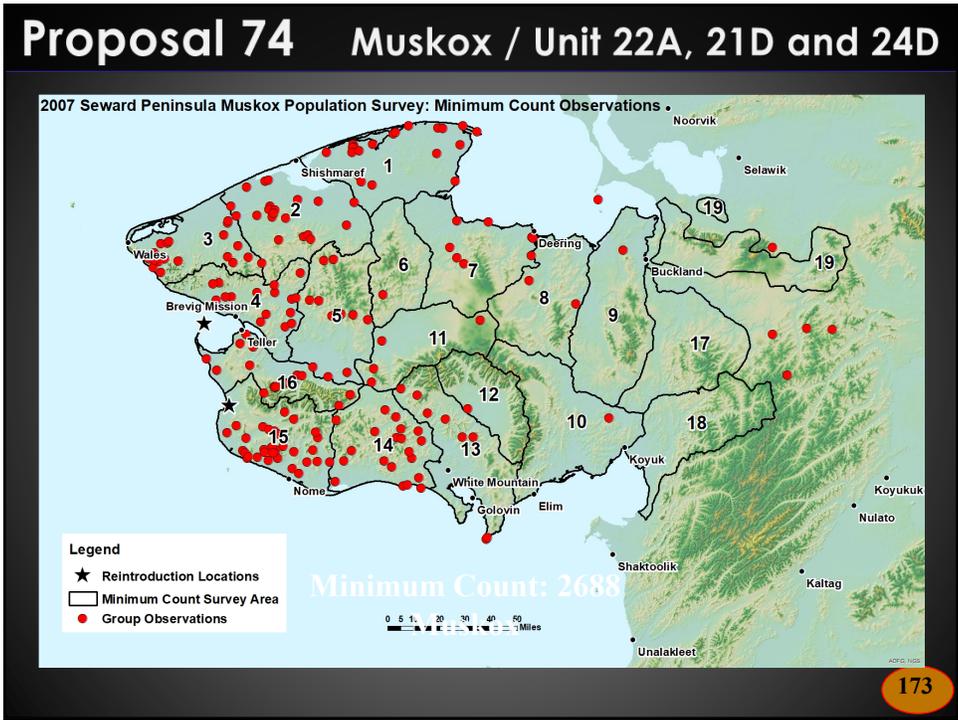
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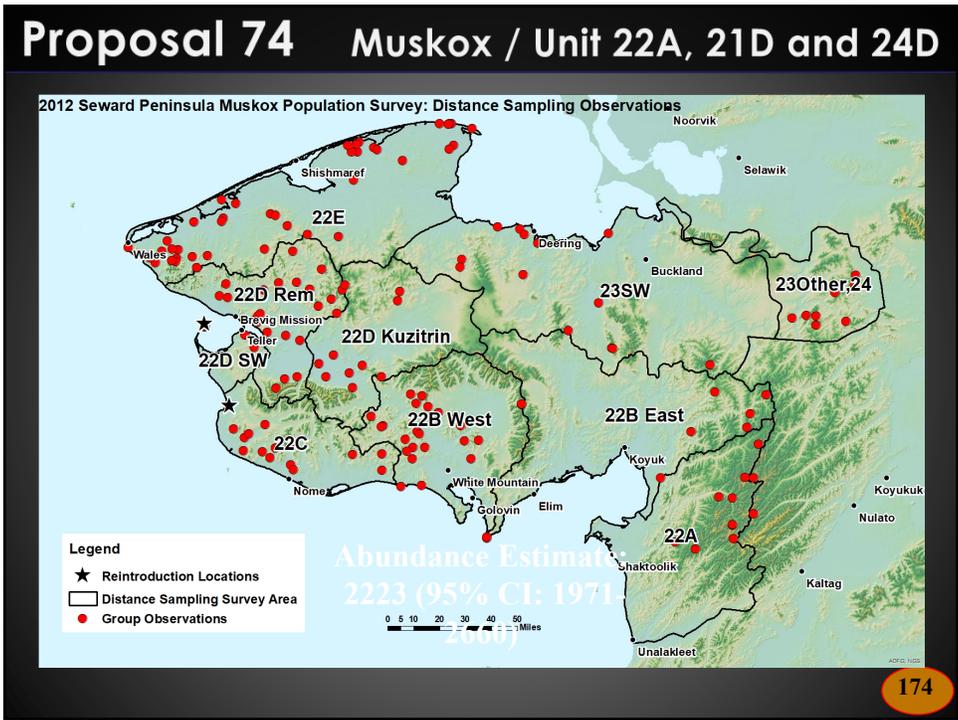
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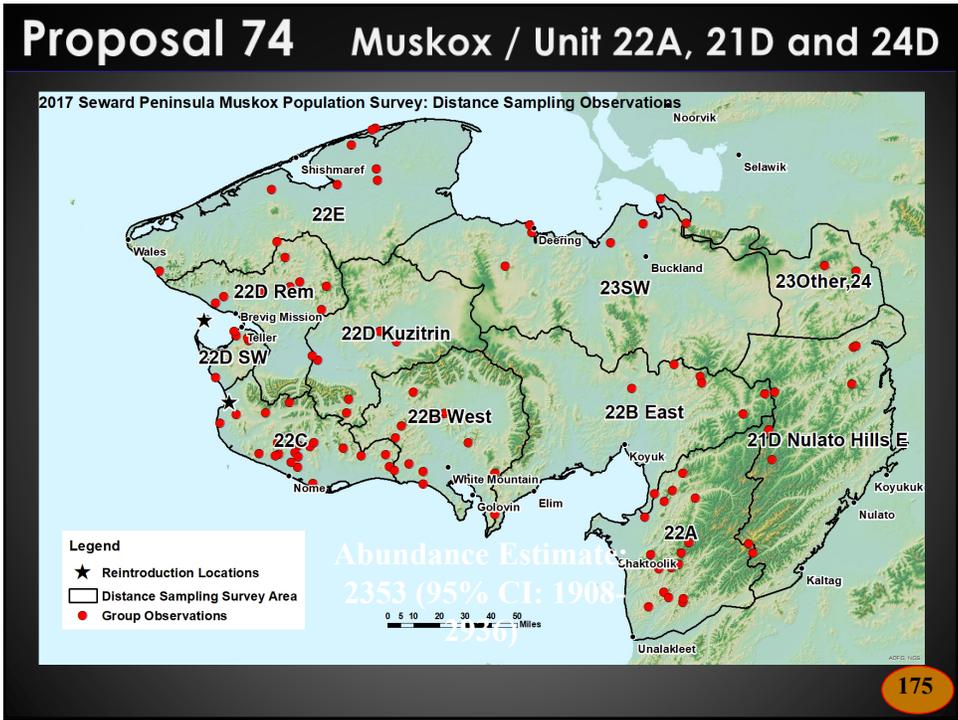
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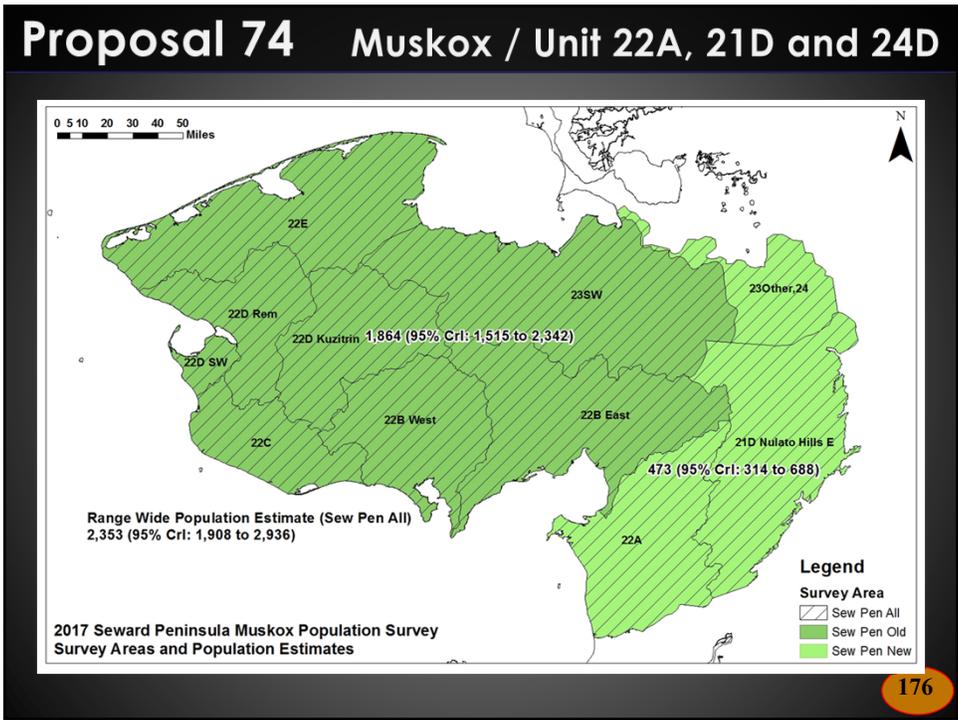
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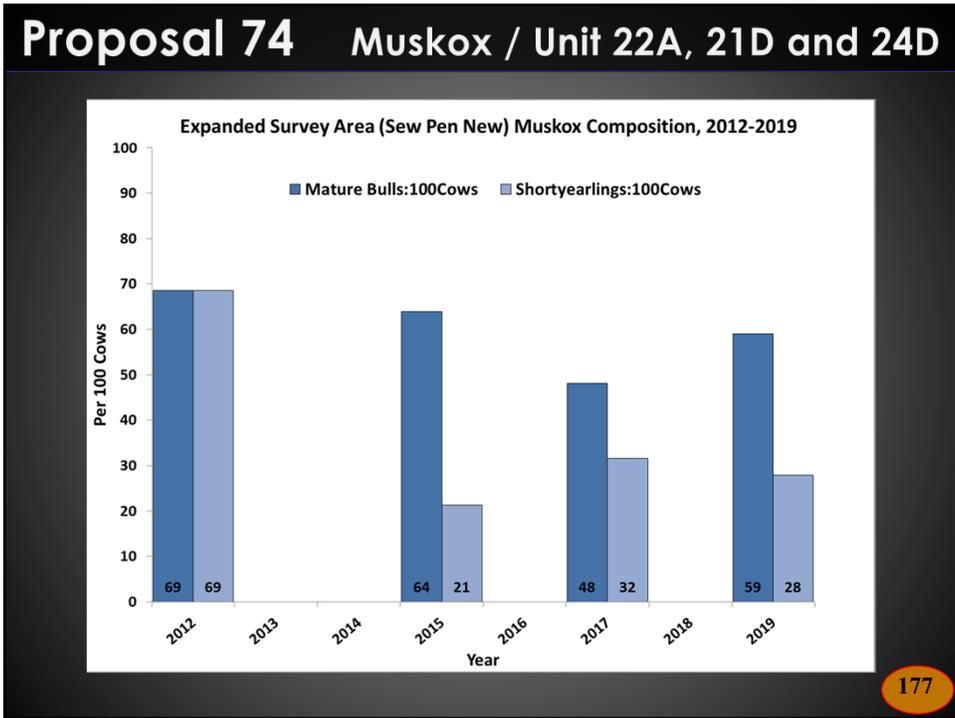
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### Proposal 74 Muskox / Unit 22A, 21D and 24D

Harvestable Surplus:

- Harvest Guidelines
  - $\leq 2\%$  of the Population
- OR
- $\leq 10\%$  of the Mature Bulls

• Estimated Harvestable Surplus

- 22A, 21D and 24D Combined
  - 9 Bulls



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## Proposal 74 Muskox / Unit 22A, 21D and 24D

### Management Considerations



- Proposed Season Dates: Feb 1-Apr 30
  - Calving: Late April-Mid June
  - Calving Complications
    - Abandonment

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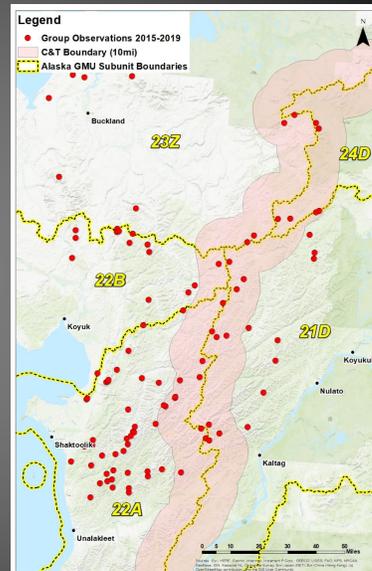
## Proposal 74 Muskox / Unit 22A, 21D and 24D

### Management Considerations



#### Group Observations (2015-2019)

- Within 50 miles: 357 muskox
- Within 10 miles: 107 muskox



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# Proposal 74 Muskox / Unit 22A, 21D and 24D

## AC Recommendations

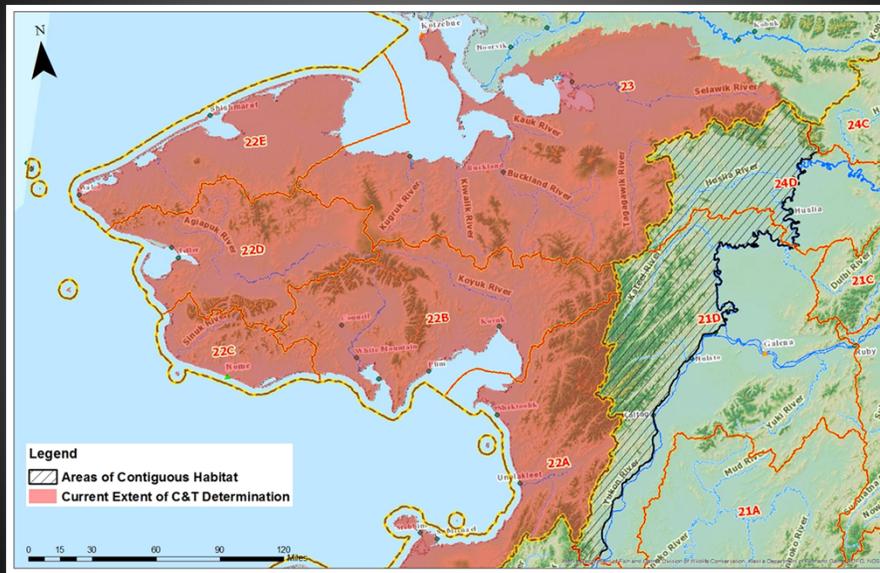
### NNSAC

- Support as Amended
- Season Dates:
  - February 1-March 15th
- Discussion
  - Expand the C&T
- Maintain continuity across GMU boundaries

### SNSAC

- Support as Amended
- Season Dates:
  - February 1-March 15th
- Discussion
  - Expand the C&T
- Maintain continuity across GMU boundaries

# Proposal 74 Muskox / Unit 22A, 21D and 24D



**Proposal 74 Muskox / Unit 22A, 21D and 24D**

**AC Recommendations**

**5 AAC 99.025 (9) Muskoxen**

Species & Unit	Finding	Amount Reasonably Necessary for Subsistence Uses
Unit 22 [AND], Unit 23, that portion south and west of the Kobuk River drainage, <u>Unit 21D, west of the west bank of the Yukon and Koyukuk River and Unit 24D that portion west of the west bank of the Koyukuk River below and including the Dakli River drainage.</u>	Positive	100-150, including 10-25 in Unit 22(E)

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**Proposal 74 Muskox / Unit 22A, 21D and 24D**

**Provide a muskox hunting opportunity in Units 22A, 21D and 24D, Feb 1-Apr 30**

Middle Yukon Advisory Committee

**Department Recommendation: Neutral**

Northern Norton Sound AC Support as Amended (13-0)  
 Southern Norton Sound AC Support as Amended (13-0)  
 Middle Yukon AC Support

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# Proposal #76

## Establish a Predation Control Plan for the Galena Mountain Caribou Herd

Proponent – Member of the Public  
 ADF&G – **Neutral**  
 MYAC – **Support**    KRAC – **Support**

**GMH Predation Control – 76-1**

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### Proposal 76 – GMH Predation Control

**Management concerns:**

- Season CLOSED for GMH since 2004
- Conservation Concern
- Risk of losing the herd

GMH and WMH Caribou IM Objectives			
Herd	Finding	Population Objective	Harvest Objective
GMH	Negative	n/a	n/a
WMH	Negative	n/a	n/a

**GMH Predation Control – 76-2**

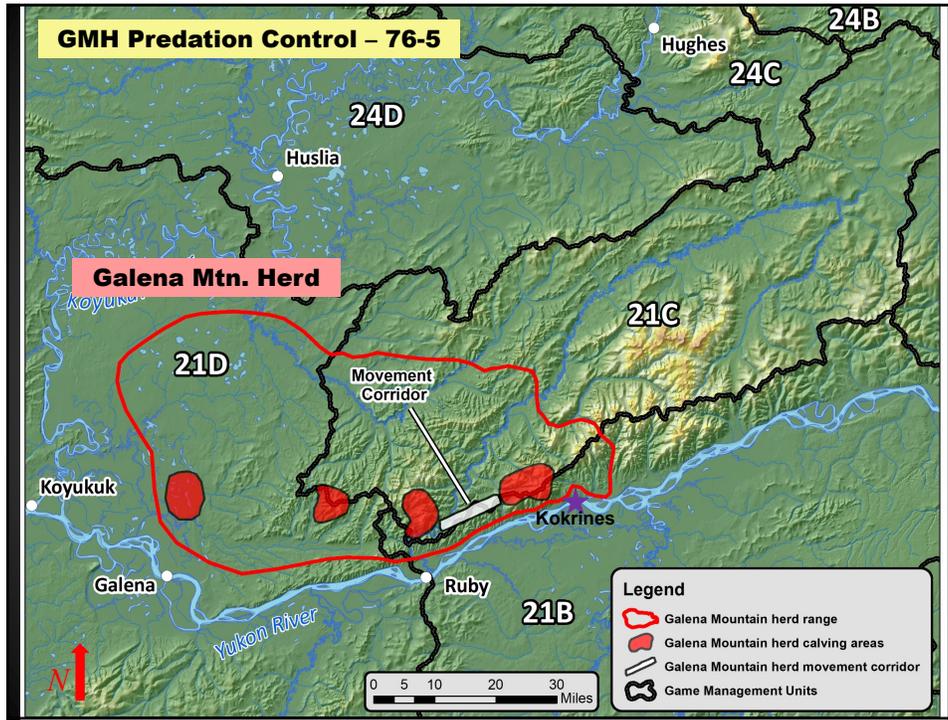
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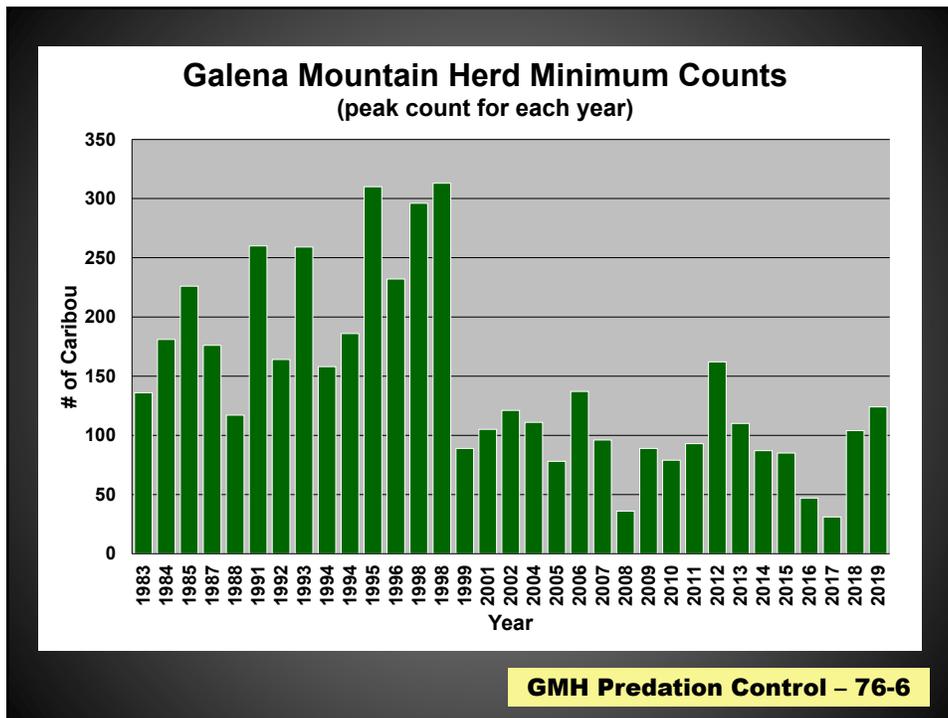
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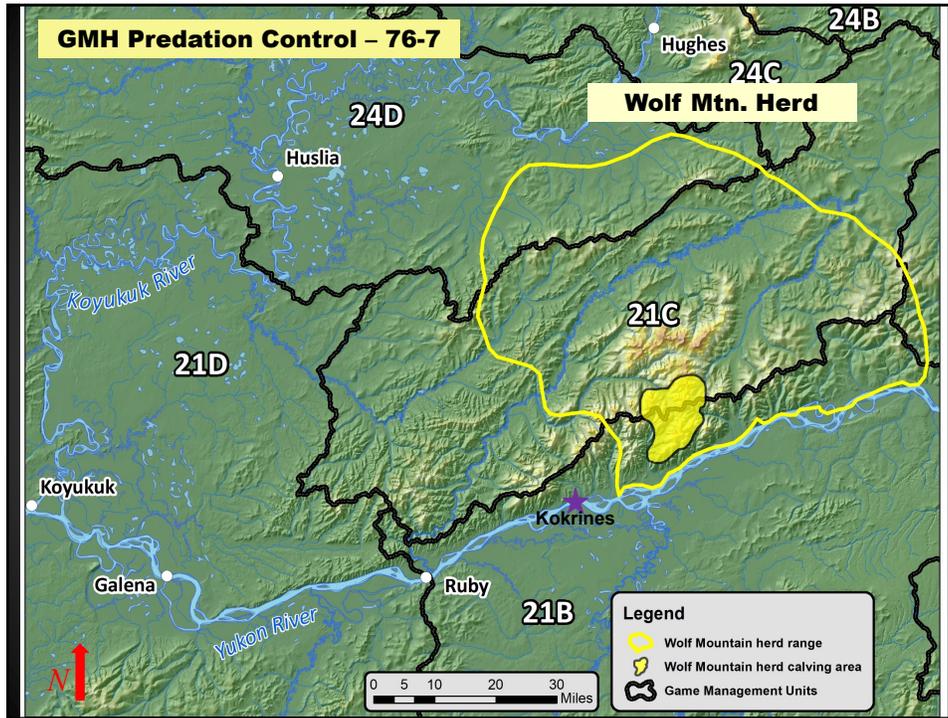
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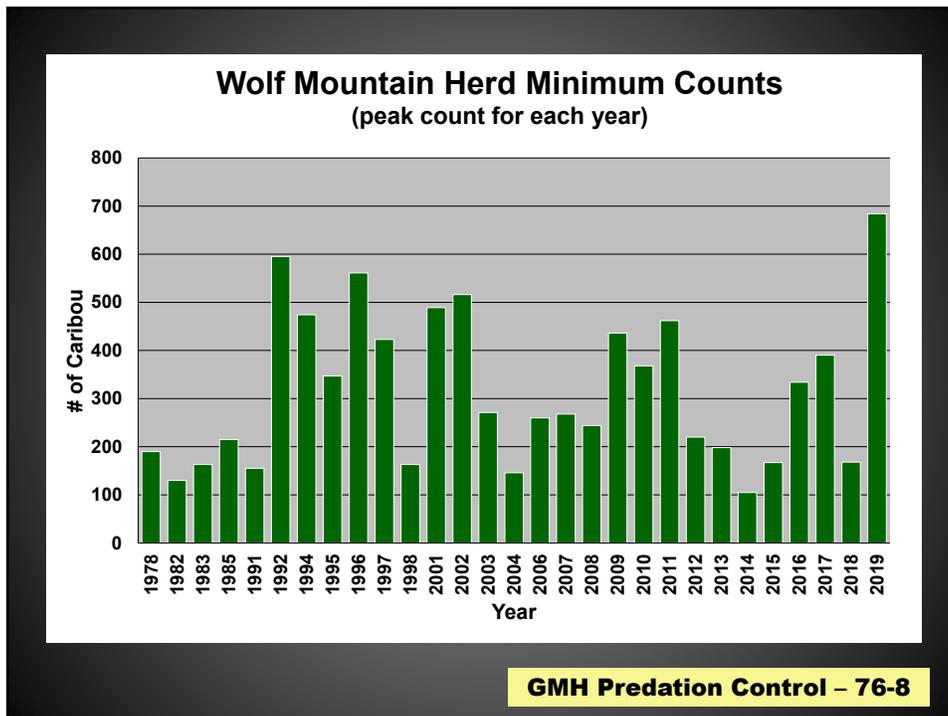
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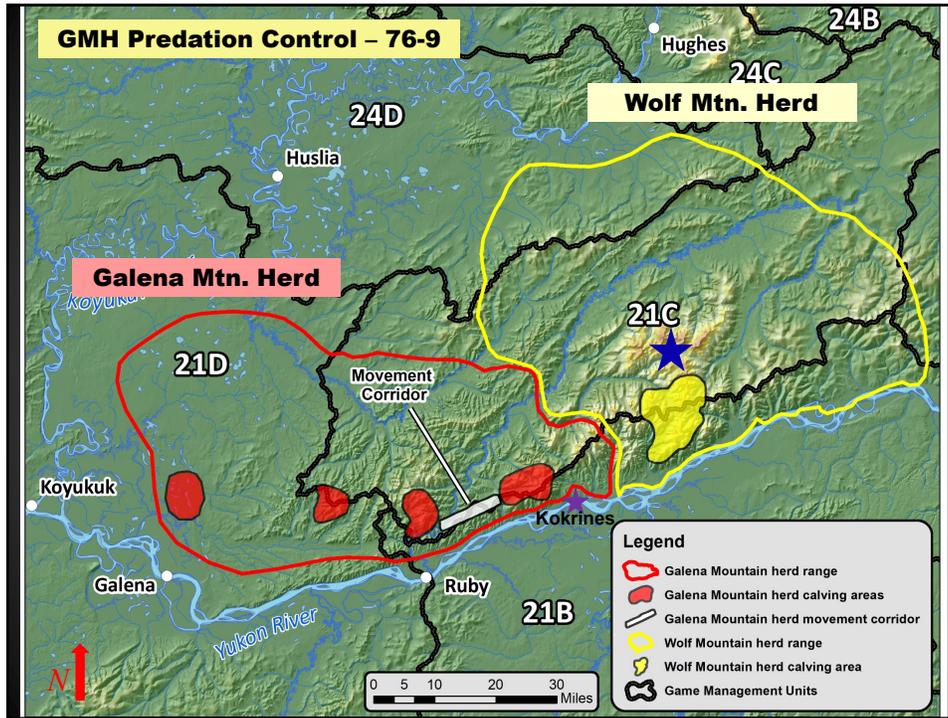
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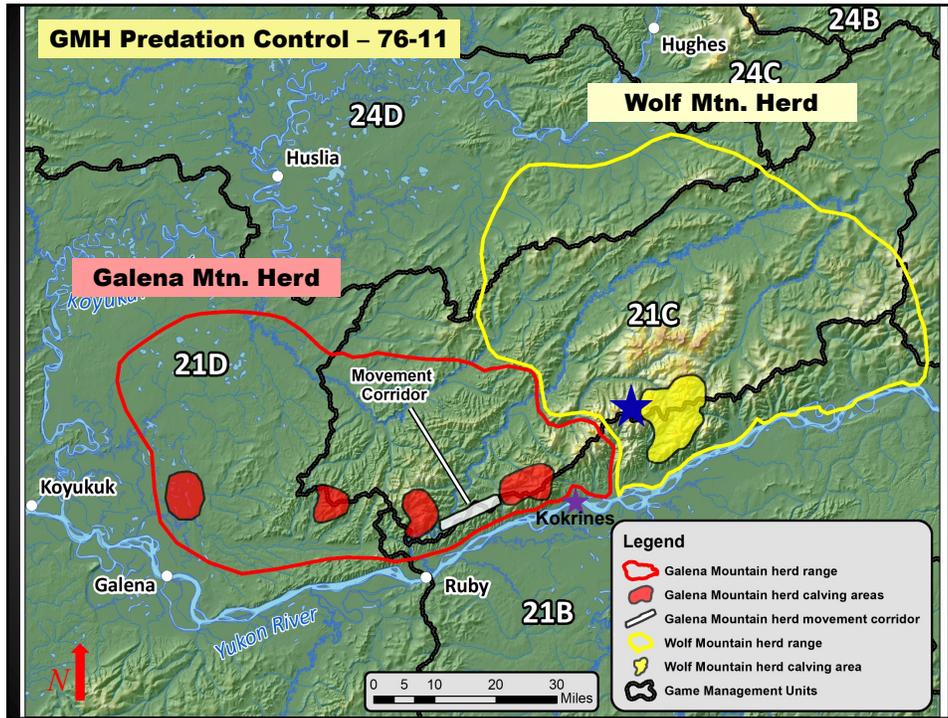
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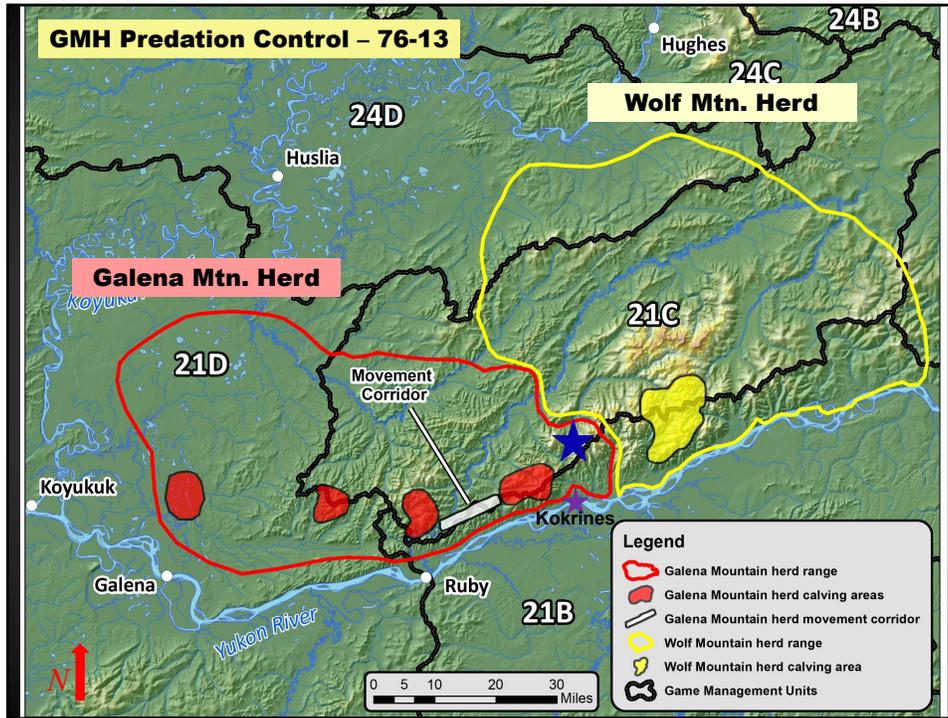
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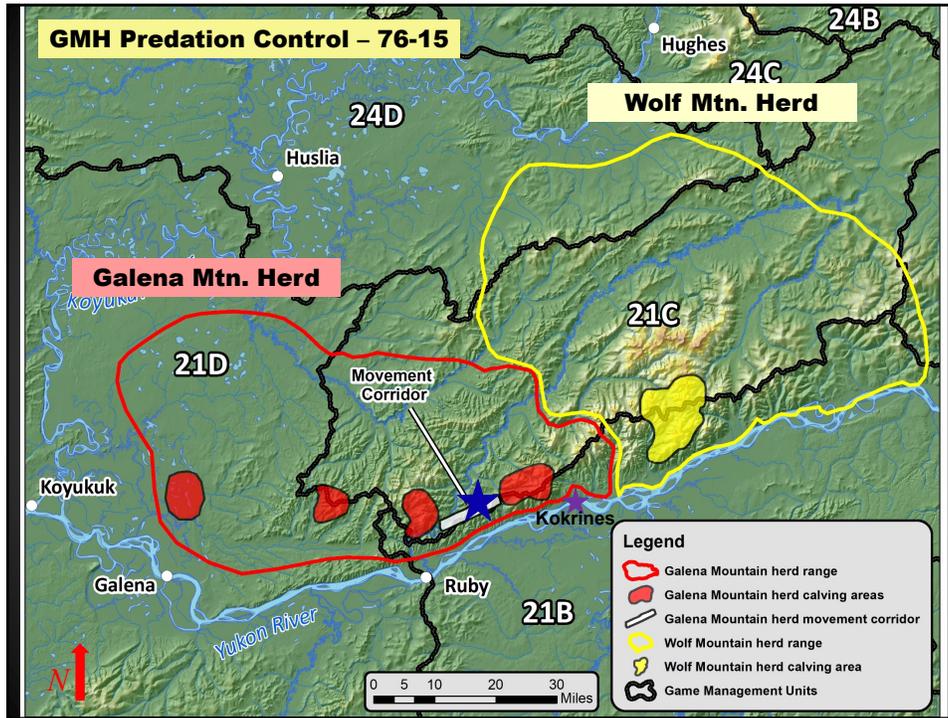
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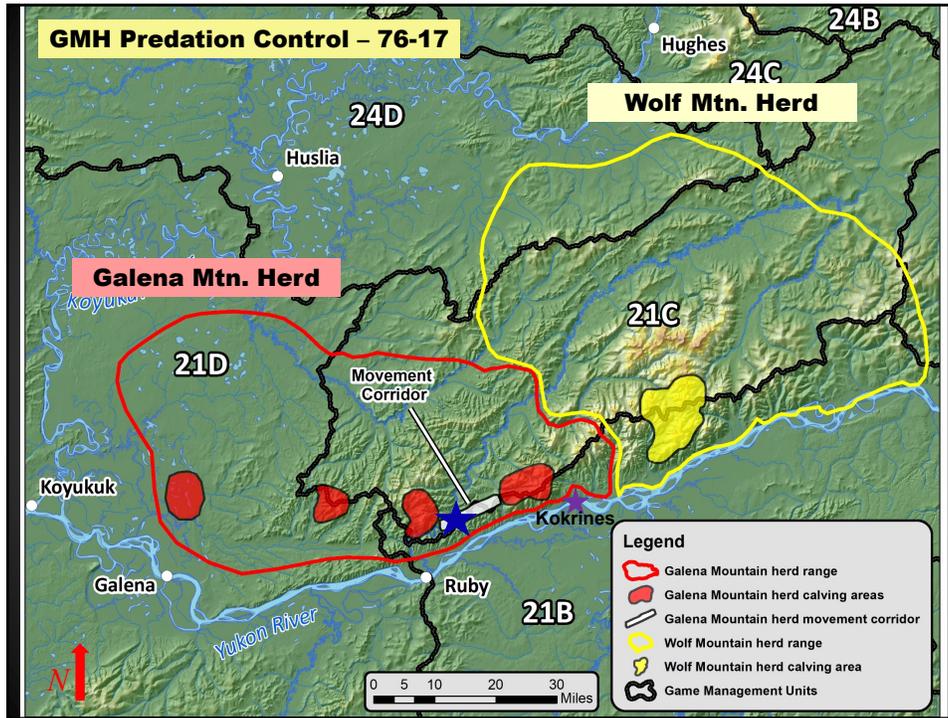
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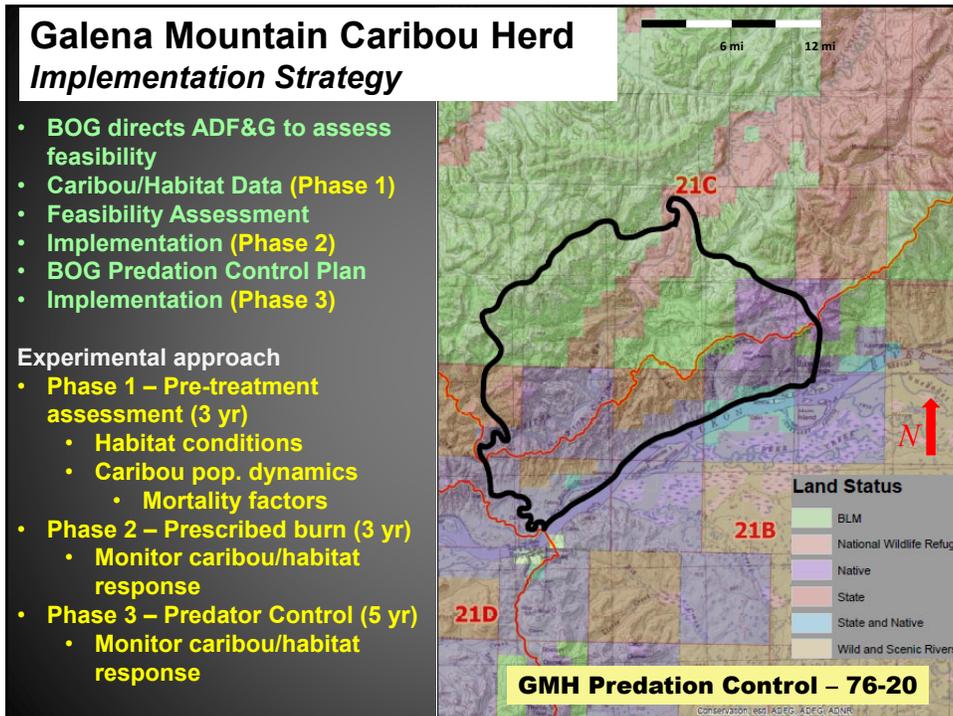
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## Proposal #76

# Establish a Predation Control Plan for the Galena Mountain Caribou Herd

Proponent – Member of the Public

ADF&G – **Neutral**

MYAC – **Support**    KRAC – **Support**

**GMH Predation Control – 76-21**

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## Proposal #75

# Establish an Intensive Management Predation Control Plan for Units 21D and 24

Proponent – Member of the Public

ADF&G – **Neutral**

KRAC – **Support**

**Units 21D & 24 Predation Control – 75-1**

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## Proposal #75

### Proponent Concerns

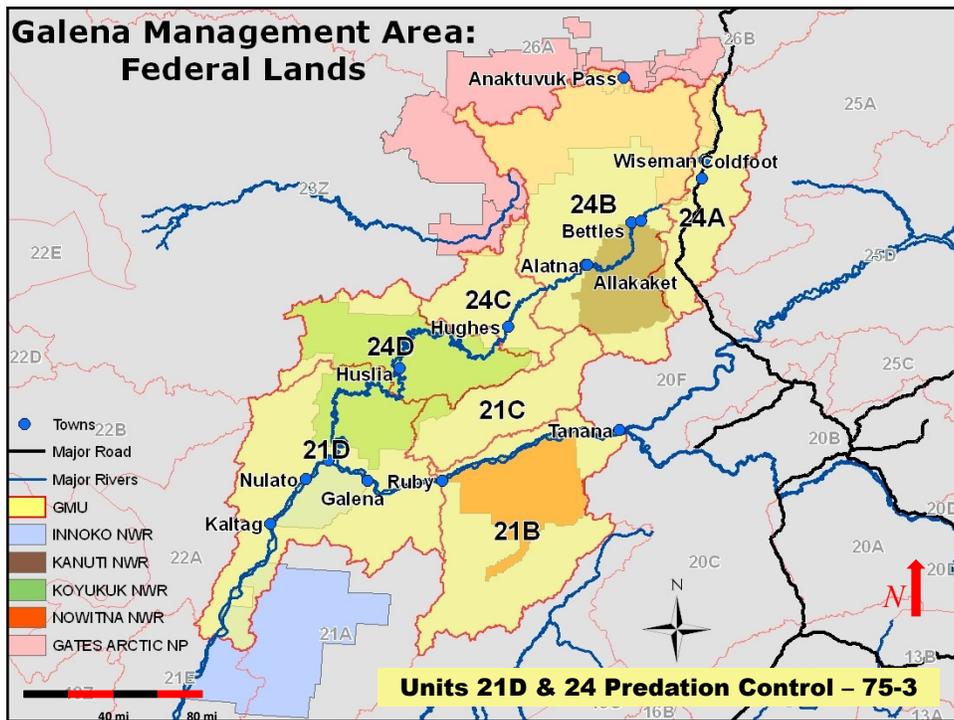
- **Concern about sustainable moose populations**
- **Request for ADF&G to complete a feasibility assessment**
- **Concern about the ability of local subsistence users to meet their needs**

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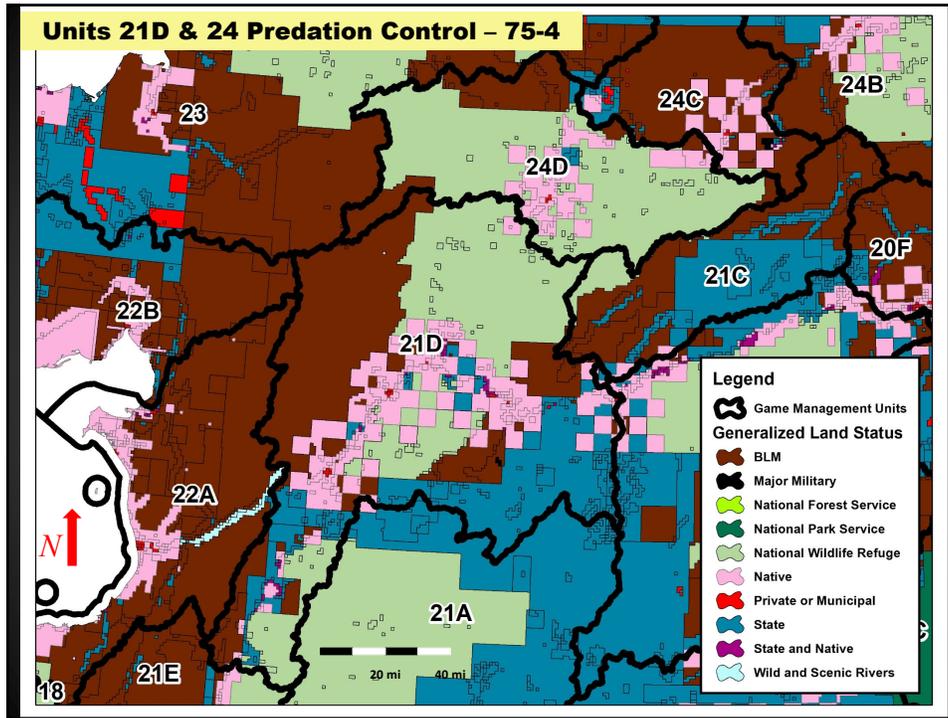
- **Concern about the high numbers of bears and wolves in Unit 24 and 21D**
- **Request for liberalized regulations for wolves and bears**
- **Concern about public safety related to predators**

**Units 21D & 24 Predation Control – 75-2**

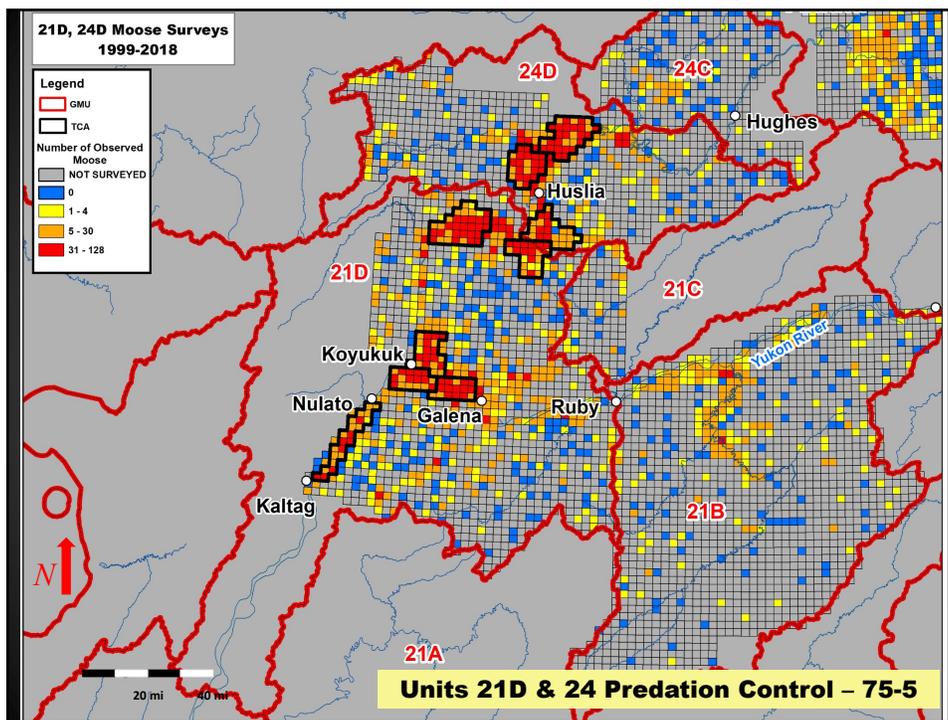
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## Proposal 75 – Predation Control in Units 21D and 24

### Unit 24 and 21D Moose IM Objectives

Unit	Population Objective	Moose Population Estimate	Harvest Objective	Avg. Annual Harvest (rept + est. unrept)
24A	1,200–1,500	790±250	75–125	36 (19+16)
24B	4,000–4,500	3,203±850	150–250	65 (35+30)
24C	1,000–1,500	562 (±130)	50–125	37 (20+17)
24D	5,000–6,000	4,380 (±477)	225–425	179 (97+82)
21D	7,000–10,000	10,478 (±1,572)	450–1,000	412 (287+125)

**Units 21D & 24 Predation Control – 75-6**

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## Proposal 75 – Predation Control in Units 21D and 24

### Unit 24 and 21D Caribou IM Objectives

Herd	Finding	Population Objective	Harvest Objective
GMH	Negative	n/a	n/a
RMH	Negative	n/a	n/a
WAH	Positive	At least 200,000	12,000 – 20,000

**Units 21D & 24 Predation Control – 75-7**

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### Proposal 75 – Predation Control in Units 21D and 24

#### Unit 24 – Harvestable Surplus

Unit	Prescribed Harvest rate	Avg annual harvest (rept+ est. unrept)	Moose Population Estimate	Can Population Provide for Current level of harvest	Harvestable surplus
24A	5% of observed	35 (19+16)	3,993±1,101	yes	200
24B	5% of observed	65 (35+30)			
24C	5% of observed	37 (20+17)	562±130	yes	28*
24D	5% of observed	179 (97+82)	4,380±477	yes	219
<b>Total</b>		<b>316 (171+145)</b>	<b>8,935±1,708</b>	<b>yes</b>	<b>447</b>
<b>Combined ANS</b>		<b>170-270</b>			

**Units 21D & 24 Predation Control – 75-8**

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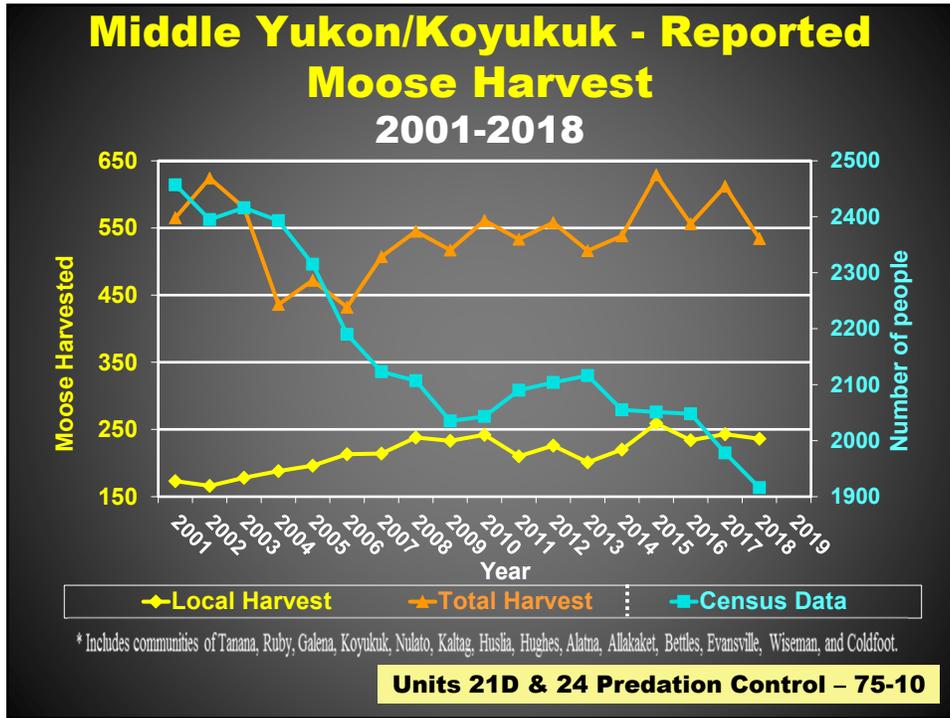
### Proposal 75 – Predation Control in Units 21D and 24

#### Unit 21 – Harvestable Surplus

Unit	Prescribed Harvest rate	Avg annual harvest (rept + est. unrept)	Moose Population Estimate	Can Population Provide for Current level of harvest	Harvestable surplus
21A	5% of observed	70 (30 + 40)	2,442	yes	120
21B	5% of observed	101 (76 + 25)	2,317 (±417)	yes	95*
21C	5% of observed	27 (22 + 5)	900-1300 extrapolated est. (0.25-0.35 moose/mi <sup>2</sup> )	yes	45
21D	5-7% of observed	412 (287 + 125)	10,478 (±1,572)	yes	445
21E	4% of estimate with scf	210 (180 + 30)	9,777	yes	390
<b>Total</b>		<b>820 (595 + 225)</b>			<b>1,095</b>
<b>Combined ANS</b>		<b>600-800</b>			

**Units 21D & 24 Predation Control – 75-9**

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## Proposal #75

### Summary

- Large area with a variety of population dynamics
- High proportion of Federal Lands, especially Unit 24D
- Unit 21D moose estimate meets IM population objective
- Unit 24 moose estimate below IM population objective
- Local village moose harvest stable
- Several concerns identified have non-specific objectives

**Units 21D & 24 Predation Control – 75-11**

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## Proposal #75

# Establish an Intensive Management Predation Control Plan for Units 21D and 24

Proponent – Member of the Public

ADF&G – **Neutral**

KRAC – **Support**

**Units 21D & 24 Predation Control – 75-12**

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