

Proposed IM Program Goals
Maintain elevated moose population in southern Unit 20E - without exceeding nutritional limitations of habitat.
High productivity (twinning-rate)
Maintain elevated moose harvest and success rates in Southern Unit 20E (RY2014–RY2021)
Prior to decline following winters 2021–2022 and 2022–2023

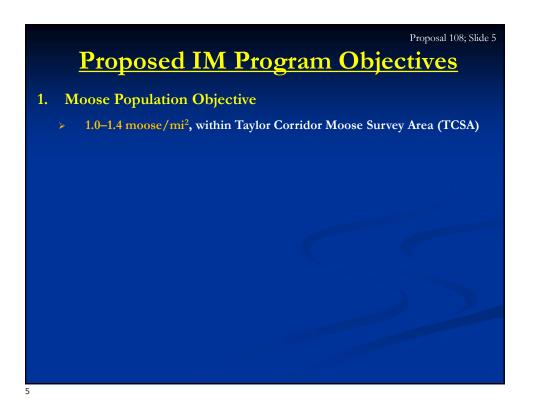
Proposal 108; Slide 4

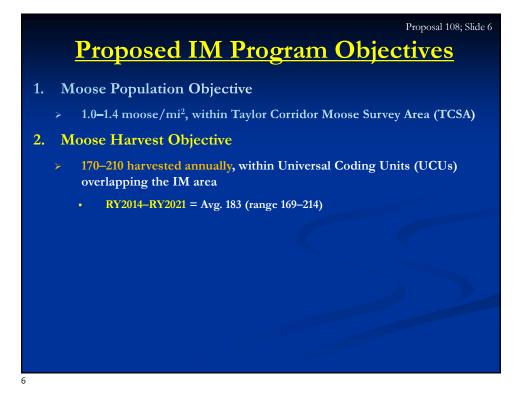
Proposed IM Program Goals

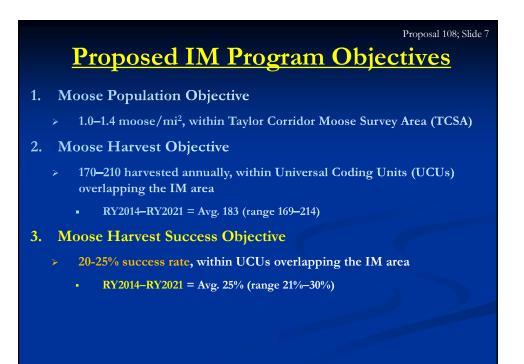
1. Maintain elevated moose population in southern Unit 20E - without exceeding nutritional limitations of habitat.

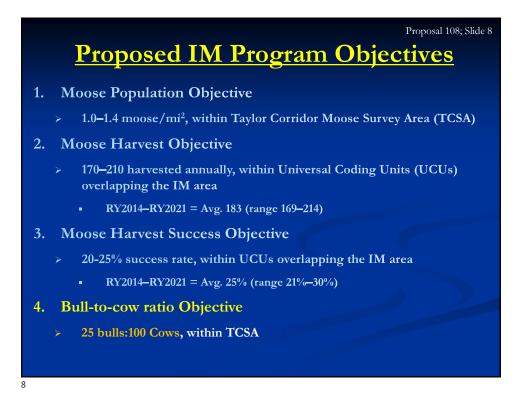
> High productivity (twinning-rate)

- 2. Maintain elevated moose harvest and success rates in Southern Unit 20E (RY2014–RY2021)
 - Prior to decline following winters 2021–2022 and 2022–2023
- 3. Maintain bull-to-cow ratios above objectives
 - Avoid restrictive hunting regulations









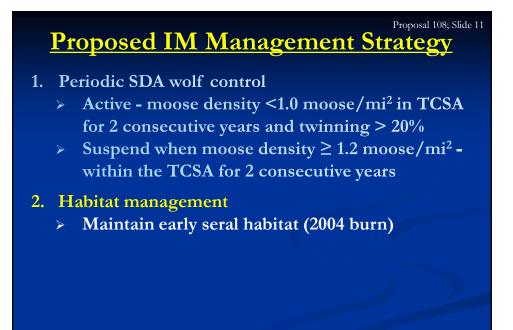


- 1. Periodic SDA wolf control
- 2. Habitat management
- 3. Antlerless hunts

Proposed IM Management Strategy

1. Periodic SDA wolf control

- Active moose density <1.0 moose/mi² in TCSA for 2 consecutive years and twinning > 20%
- Suspend when moose density ≥ 1.2 moose/mi² within the TCSA for 2 consecutive years



Proposed IM Management Strategy

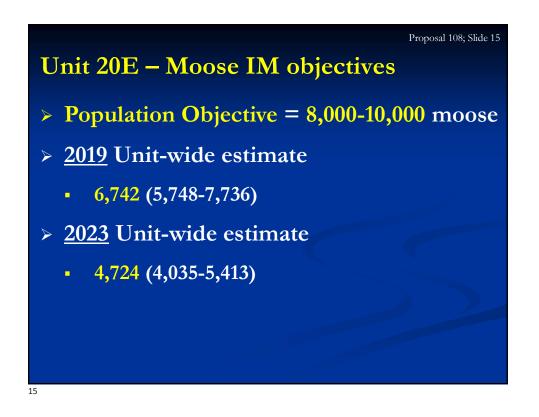
- 1. Periodic SDA wolf control
 - Active moose density <1.0 moose/mi² in TCSA for 2 consecutive years and twinning > 20%
 - > Suspend when moose density $\geq 1.2 \mod/mi^2$ within the TCSA for 2 consecutive years
- 2. Habitat management
 - Maintain early seral habitat (2004 burn)

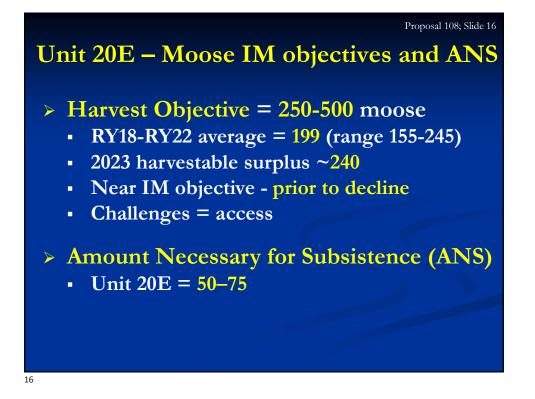
3. Antlerless hunts

- > Maintain moose density \leq 1.4 moose/mi² (TCSA)
- > Maintain nutritional condition (twinning >20%)
- > Maintain bull:cow ratio
- > Unit 20E antlerless regulations adopted in 2022





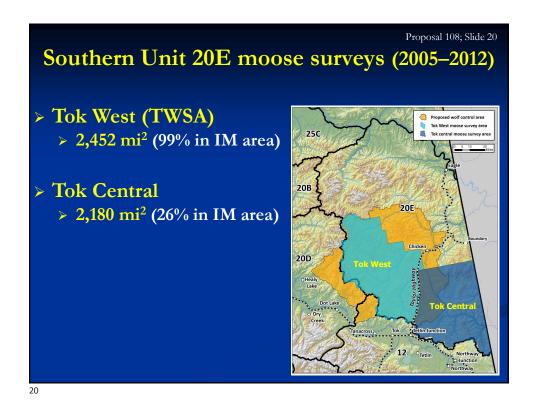








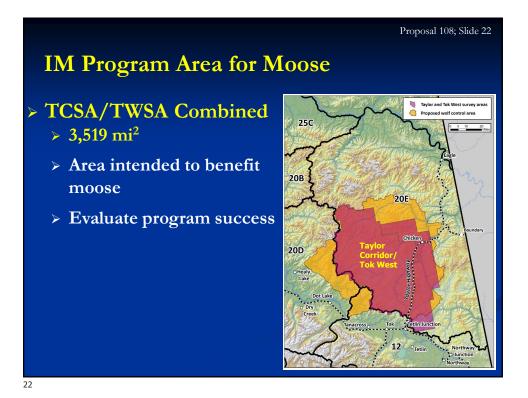




<text><section-header><list-item><list-item><list-item><list-item><list-item>

12

O Junctio Northway



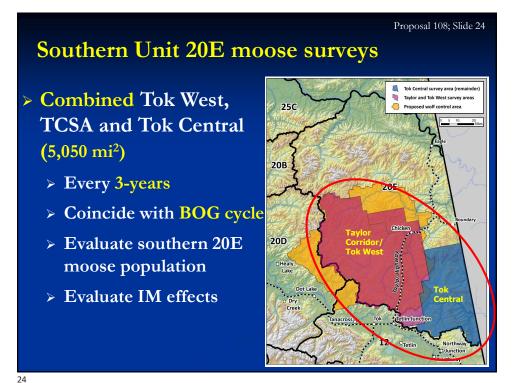
> TCSA

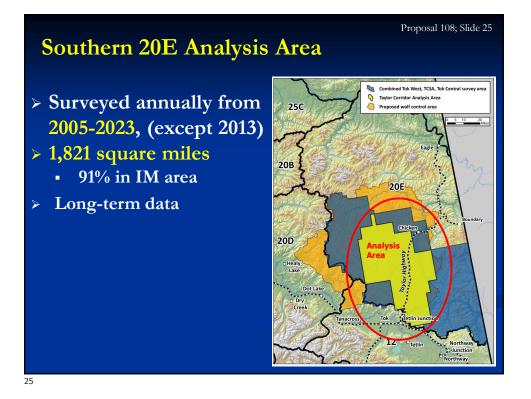
23

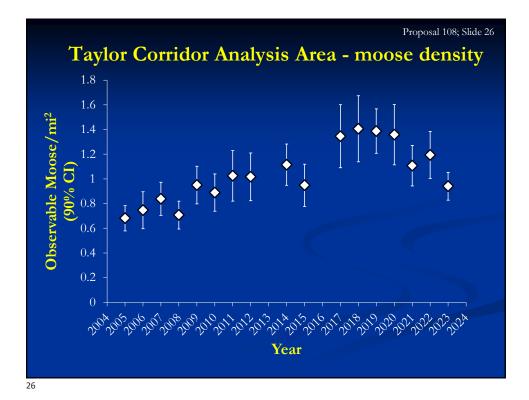
Proposal 108; Slide 23 **IM Objective - Moose Population** wolf control area 25C ▶ Maintain 1.0 – 1.4 moose/mi² in TCSA 20B > Annual surveys 20E > Guide management decisions 20D > Trigger for wolf control • Healy Lake

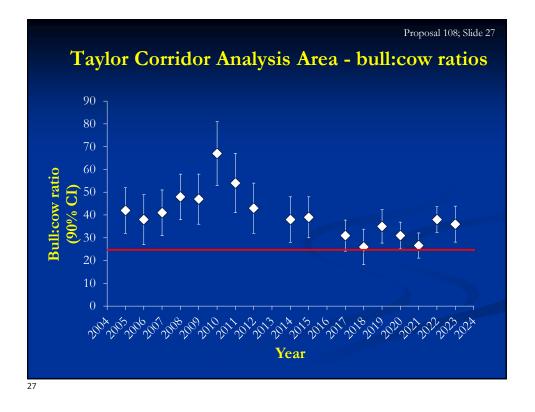
12

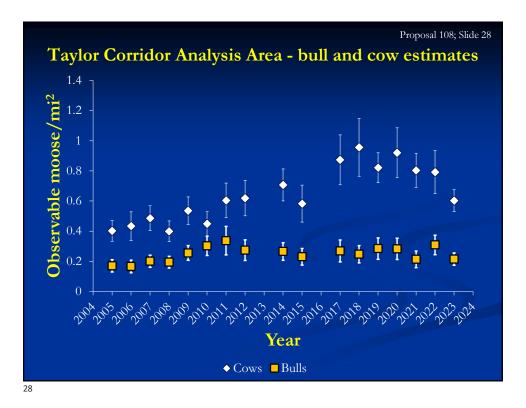
O Junctio

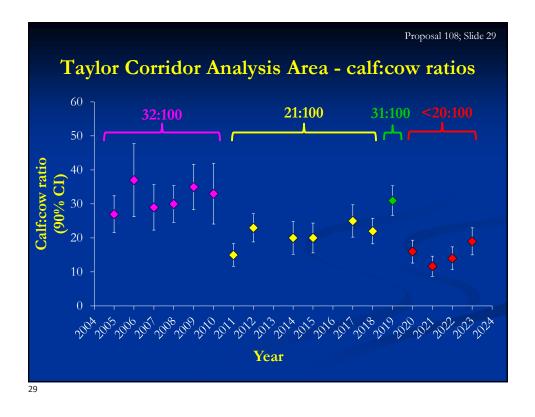


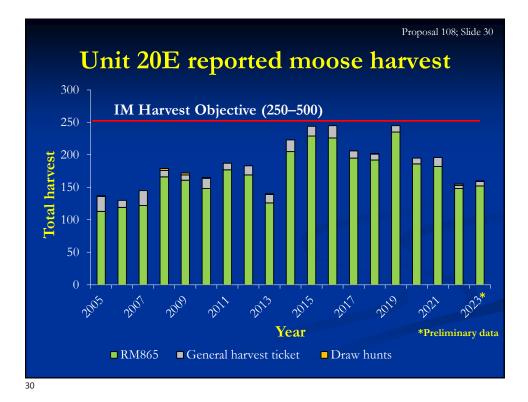


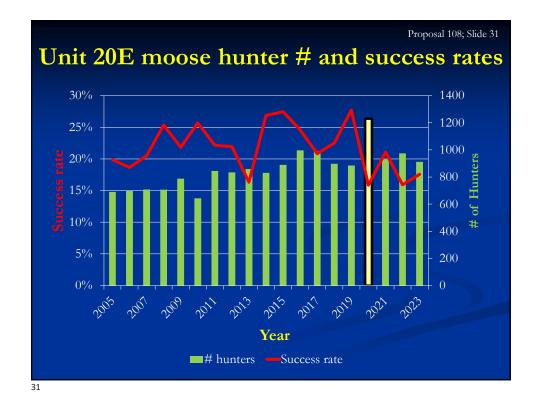


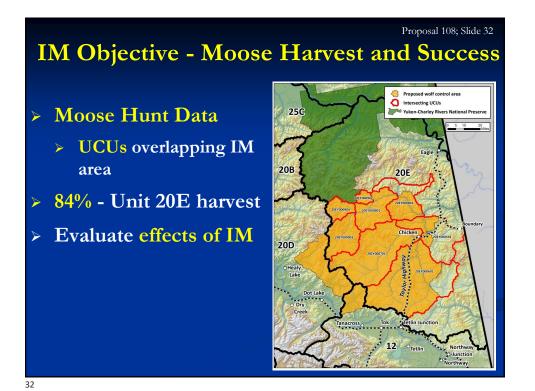


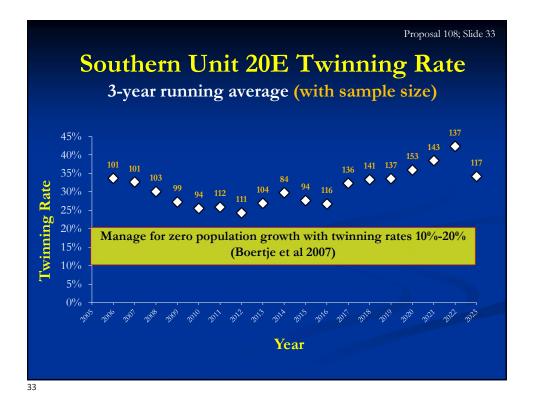


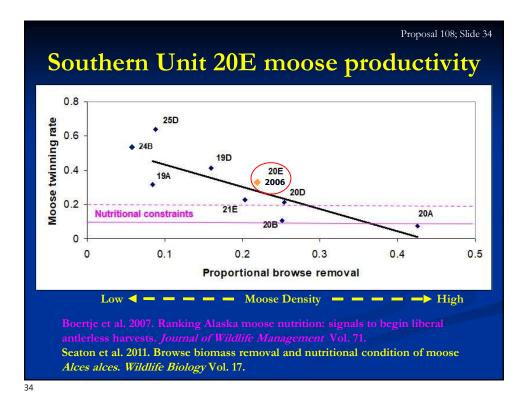


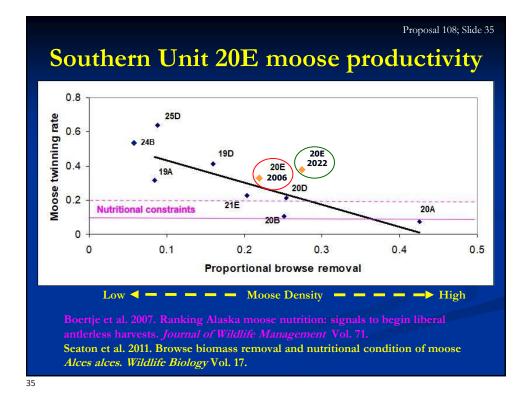


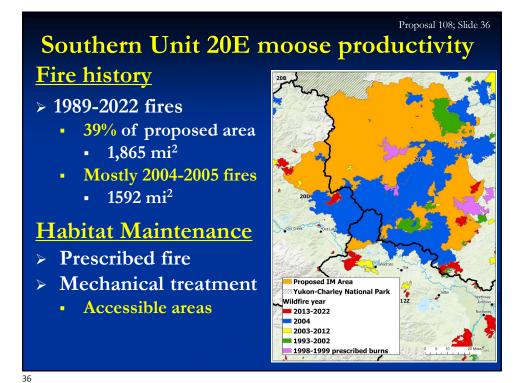


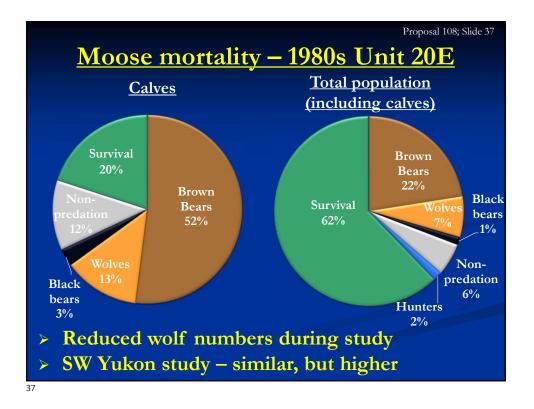


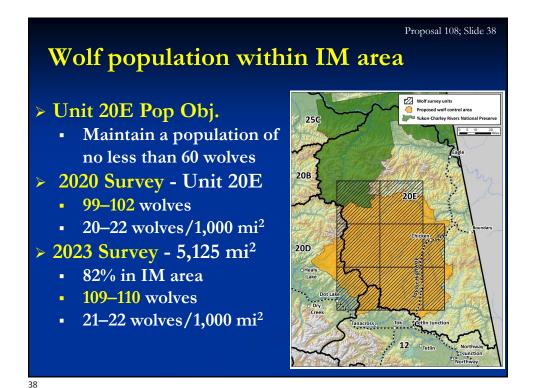


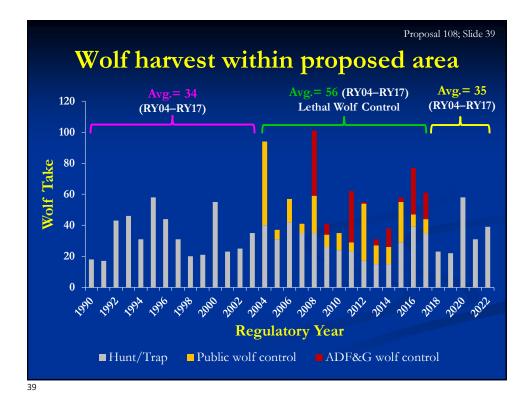


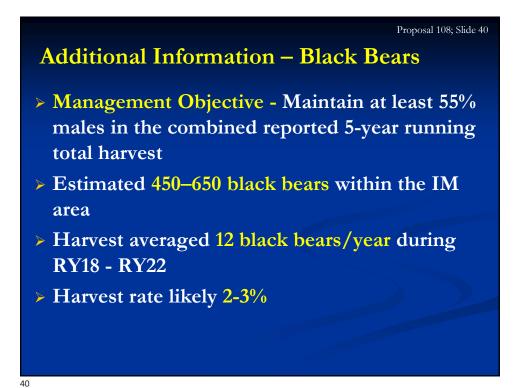


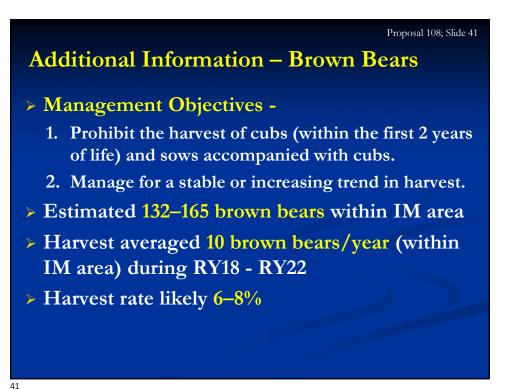


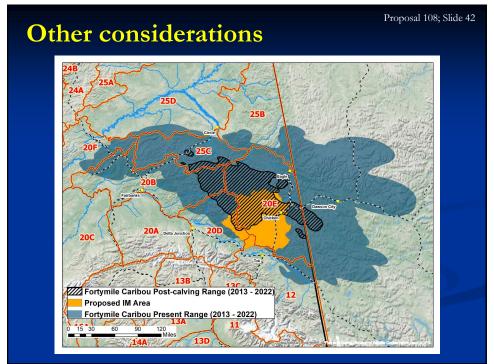


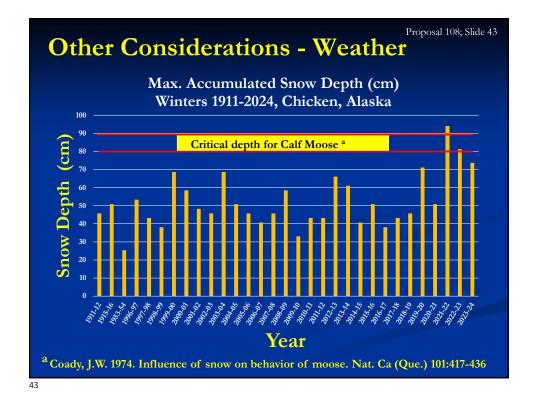


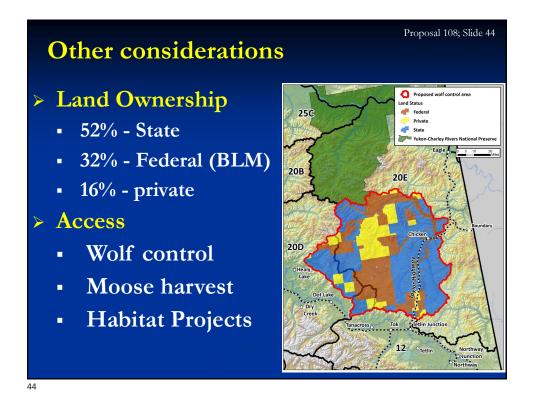


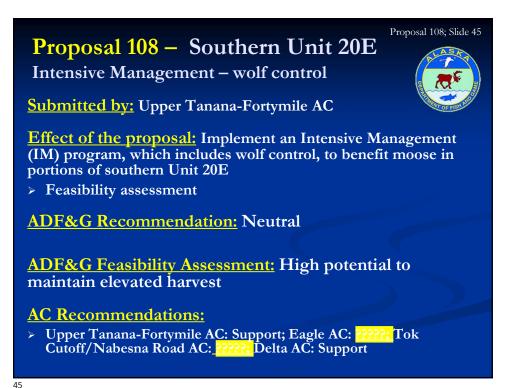


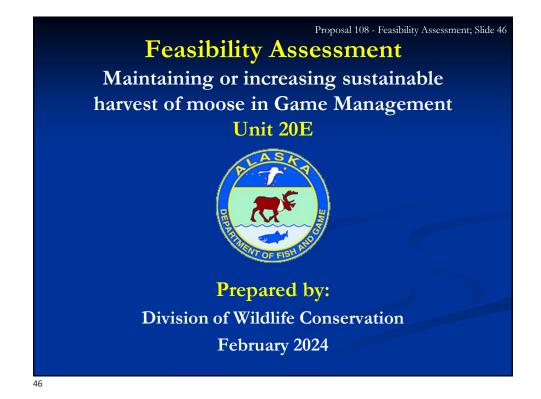












Proposal 108 - Feasibility Assessment; Slide 47

Department Recommendation

If Proposal 108 is adopted by the board:

The Department recommends implementing the proposed IM program as described in the presentation for Proposal 108 and written in section 1. C. 1. of the Feasibility Assessment, to include wolf control and ongoing habitat enhancement efforts as necessary, to benefit moose, within the 3,519 mi² combined Taylor Corridor and Tok West Moose Survey Area, in southern Unit 20E.

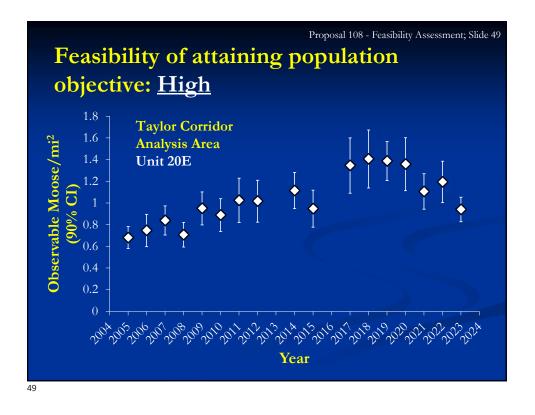
Proposal 108 - Feasibility Assessment; Slide 48

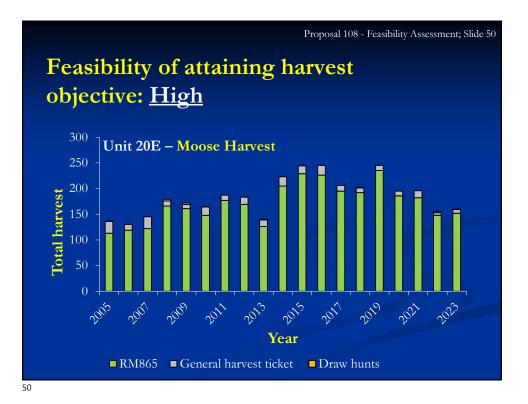
Rationale

47

48

We observed increases in moose density in the combined Taylor Corridor and Tok West Moose Survey Areas (3,519 mi² in southern Unit 20E) during 2004 –2018, concurrent with wolf control activities under the Upper Yukon Tanana Predator Control Program and large-scale fires in this area. We expect that a combination of wolf control and ongoing habitat enhancement efforts has a high likelihood of maintaining or moderately increasing the moose population within the combined Taylor Corridor and Tok West Moose Survey Area, which we propose as an Intensive Management (IM) program area for moose that will help with progress toward the Unit 20E IM harvest objective for moose.





Proposal 108 - Feasibility Assessment; Slide 51

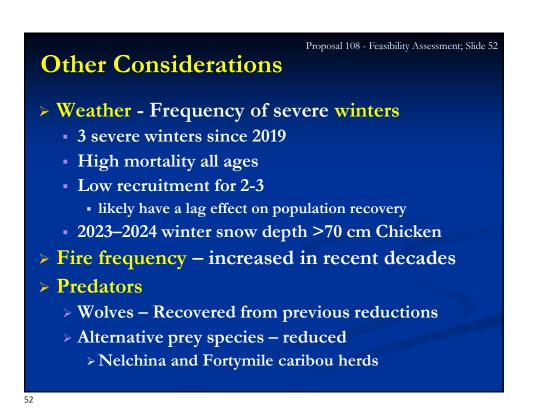
Potential Issues

Biological

> Aging large burns of 2004 and 2005

Social

- Public opposition to wolf control
- > Trapper conflicts
- > Hunter crowding/conflicts
- Public opposition to cow hunts

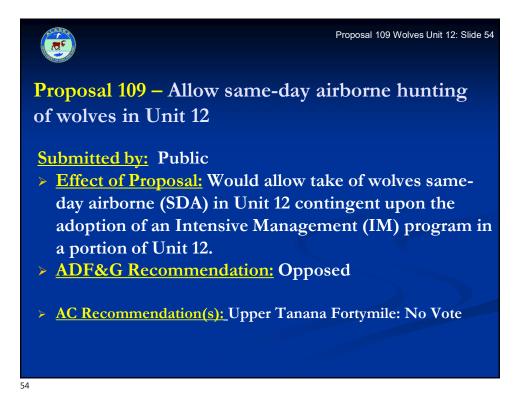


Proposal 108 - Feasibility Assessment; Slide 53

Department Recommendation

If Proposal 108 is adopted by the board:

The Department recommends implementing the proposed IM program as described in the presentation for Proposal 108 and written in section 1. C. 1. of the Feasibility Assessment, to include wolf control and ongoing habitat enhancement efforts as necessary, to benefit moose, within the 3,519 mi² combined Taylor Corridor and Tok West Moose Survey Area, in southern Unit 20E.



Proposal 109 Wolves Unit 12: Slide 55

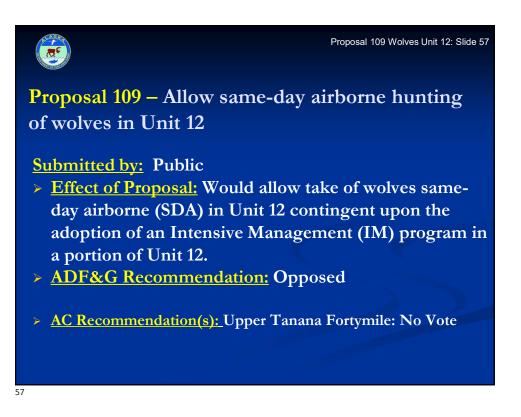
SDA Wolves – Unit 12

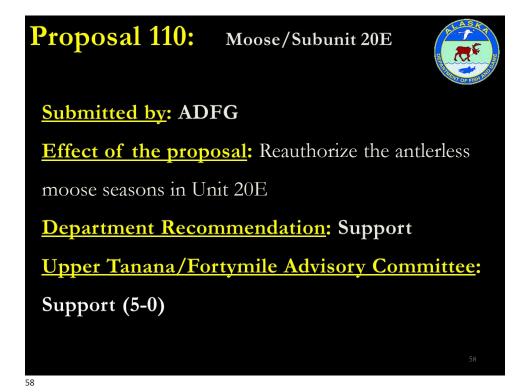
55

56

- AS 16.05.783 (a). This statute prohibits shooting or assisting in shooting a free-ranging wolf or wolverine the same day that a person has been airborne. However, the Board of Game may authorize a predator control program that allows airborne or same day airborne shooting under conditions laid out in the statute and written into an Intensive Management or Non-Intensive Management Plan adopted by the board.
- 5 AAC 92.039. Permit for taking wolves using aircraft. This regulation prohibits the use of an aircraft to land and shoot a wolf or take a wolf by aerial shooting without first obtaining a permit from the department.
- 5 AAC 92.085 (8). Unlawful methods of taking big game. This regulation prohibits the taking or assisting in taking big game until after 3:00 a.m. following the day in which the flying occurred. The exceptions to this regulation include a person flying on a regularly scheduled commercial airline, including a commuter airline.
- 5 AAC 92.095 (8). Unlawful methods of taking furbearers. This regulation prohibits a person from taking or assisting in taking wolf and wolverine until after 3:00 a.m. following the day in which the flying occurred, however it does not prohibit the dispatch of wolves and wolverine in a snare the same day the flying occurred. The regulation also prohibits the taking of coyote, arctic fox, or lynx unless that person is over 300 feet from the airplane at the time of taking.
- 5AAC 92.990 (5). Definitions. This regulation defines "big game" as black bear, brown bear, bison, caribou, Sitka black-tailed deer, elk, mountain goat, moose, muskox, Dall sheep, wolf and wolverine.

Space of the second s





Proposal 110: Unit 20E antlerless moose

Current regulation

- No active antlerless hunts in 20E
- Antlerless hunts must be reauthorized annually
- Positive C&T finding for 20E moose
 - ANS of 50-75

59

60

• IM harvest objective of 250-500

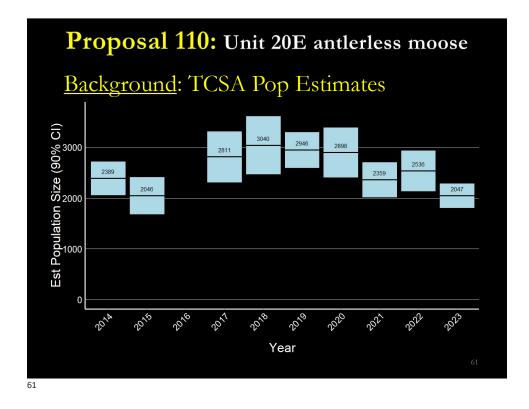


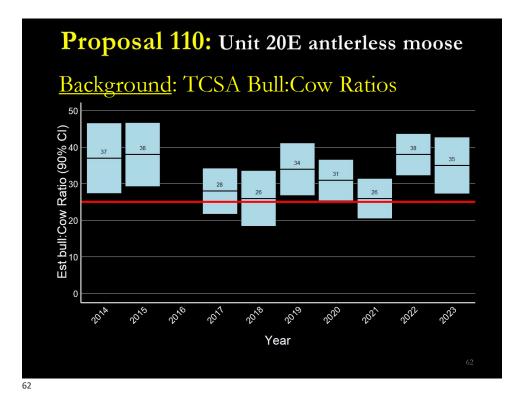
Proposal 110: Unit 20E antlerless moose

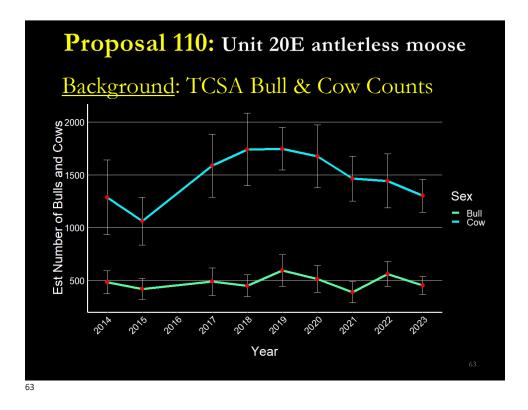
Background

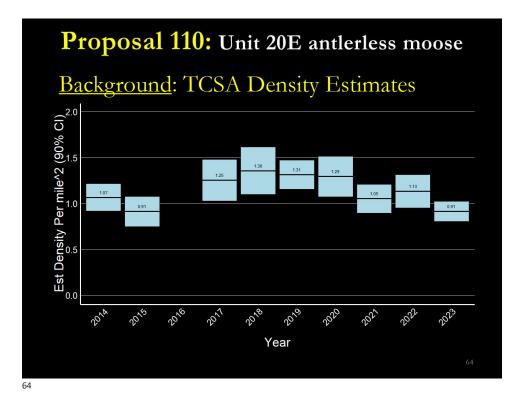
- Most recent survey in 2023, TCSA and Tok West/Central
- Previous survey of southern 20E occurred in 2019

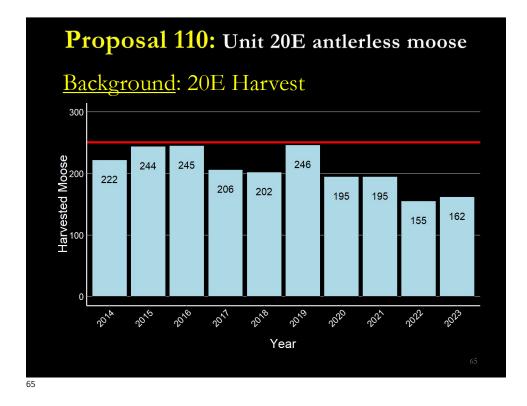


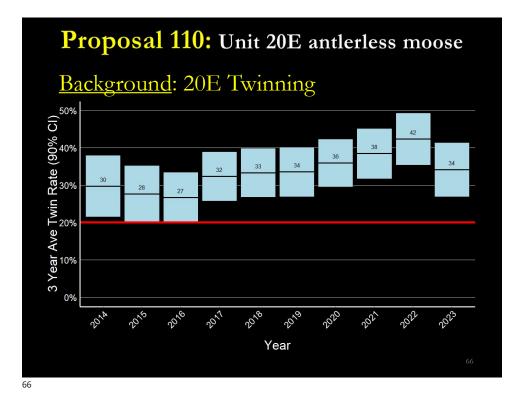


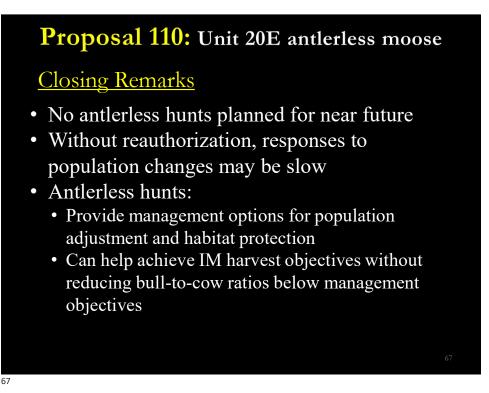


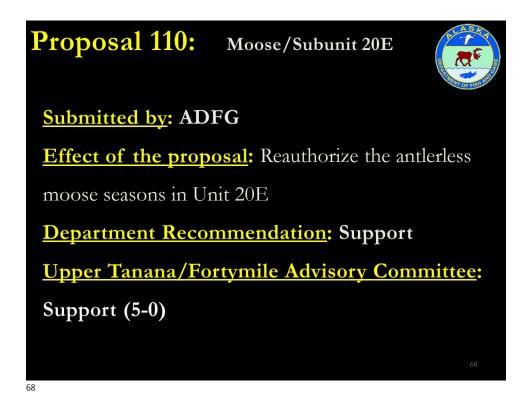


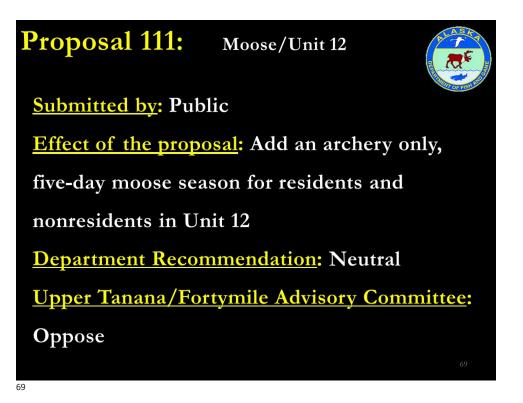


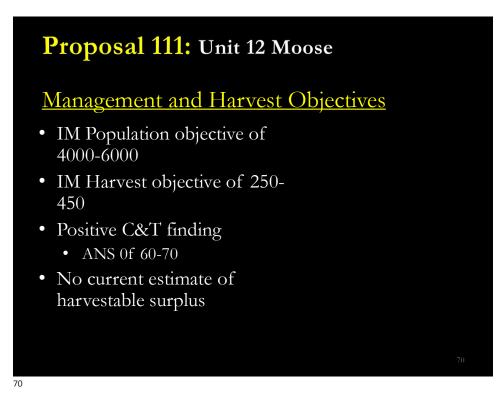












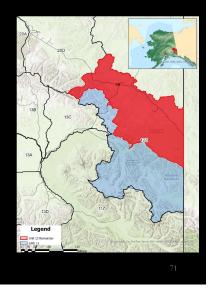
Proposal 111: Unit 12 Moose

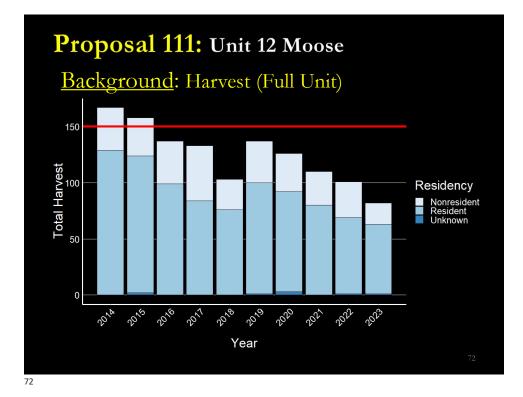
Current regulation

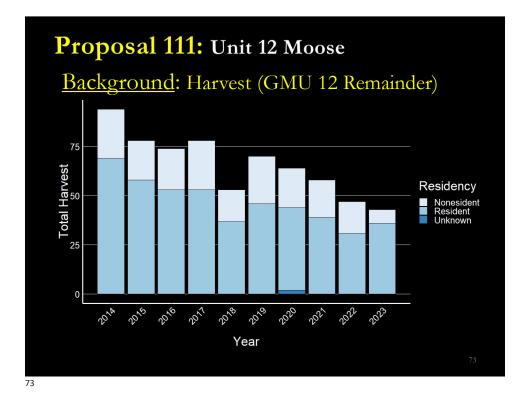
- General season dates run Aug 24-Aug 28, Sept 8-Sept 17
- Archery season would extend season Sept 18-Sept 22
- IM harvest objective of
- 150-300(2020)
- Positive C&T

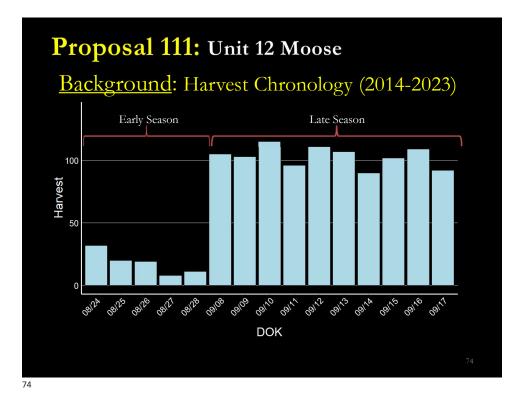
71

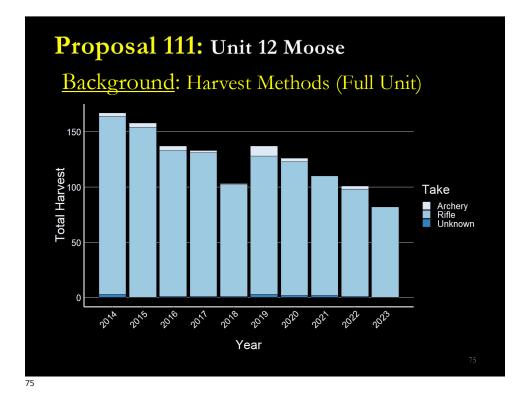
• ANS of 60-70

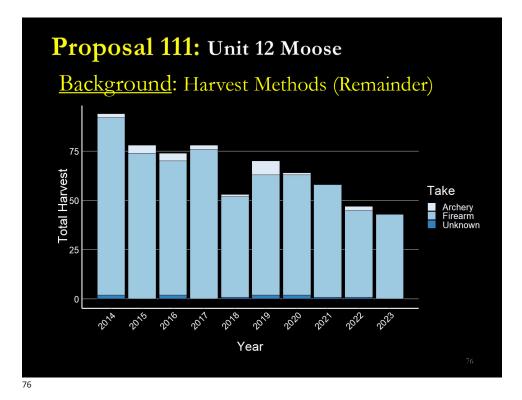


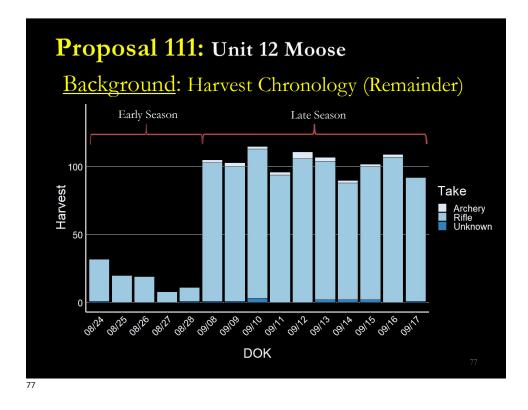




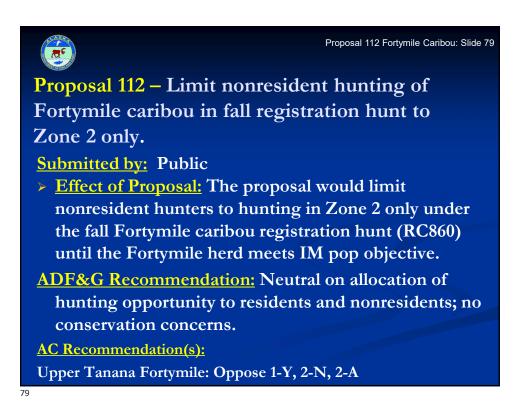




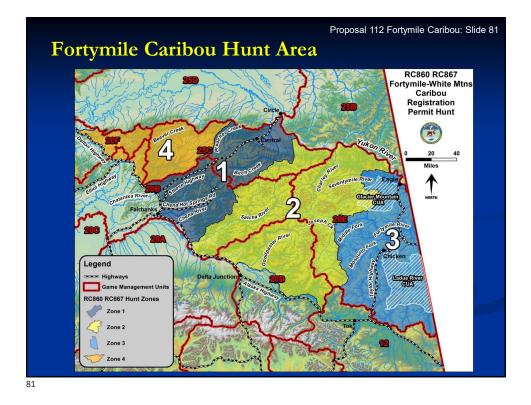


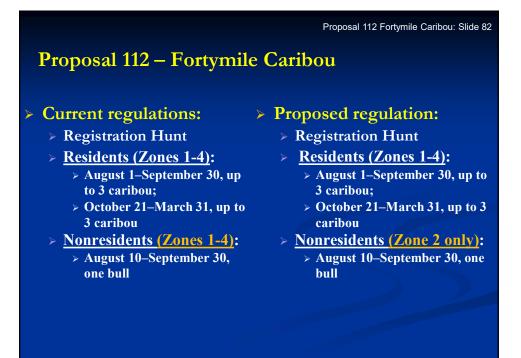


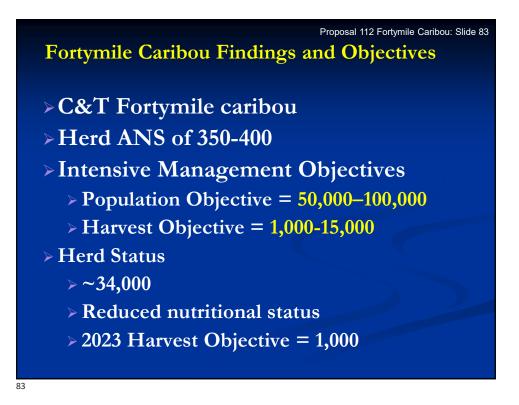


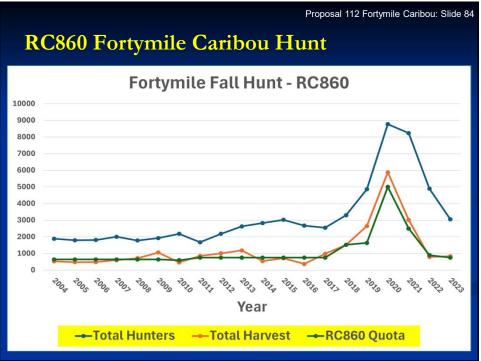


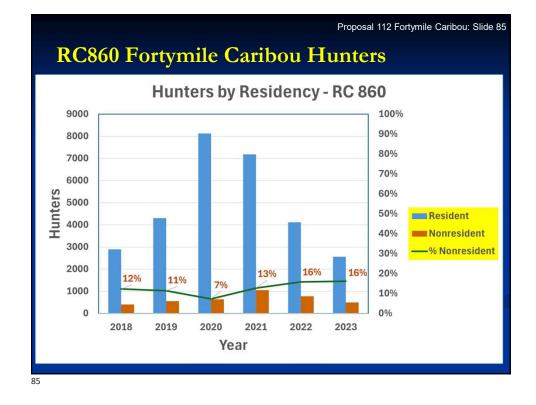


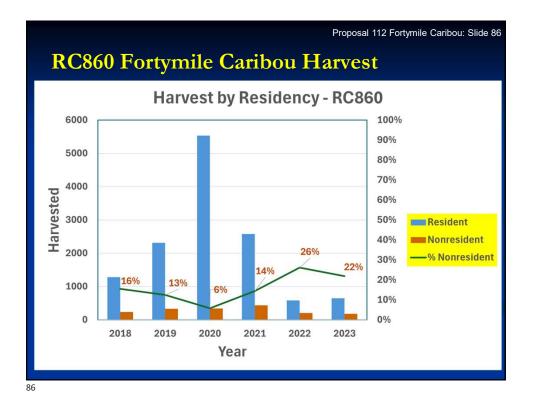


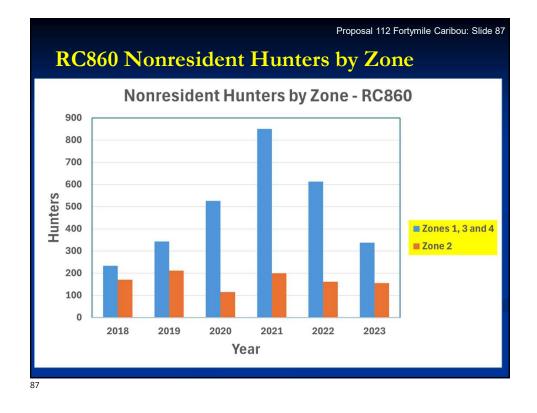


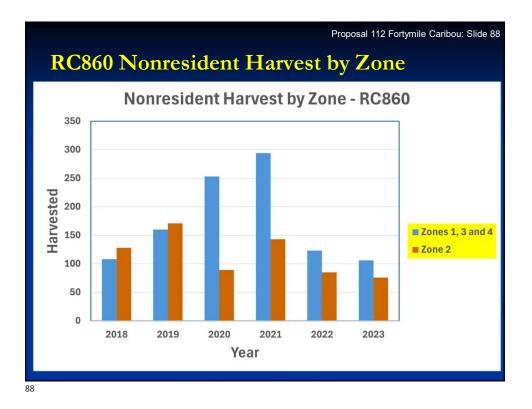












Proposal 112 – Limit nonresident hunting of Fortymile caribou in fall registration hunt to Zone 2 only.
Submitted by: Public
• Effect of Proposal: The proposal would limit nonresident hunters to hunting in Zone 2 only under the fall Fortymile caribou registration hunt (RC860) until the Fortymile herd meets IM pop objective.
ADF&G Recommendation: Neutral on allocation of hunting opportunity to residents and nonresidents; no conservation concerns.
Lipper Tanana Fortymile: Oppose 1-Y, 2-N, 2-A

Proposal 113: Slide 90

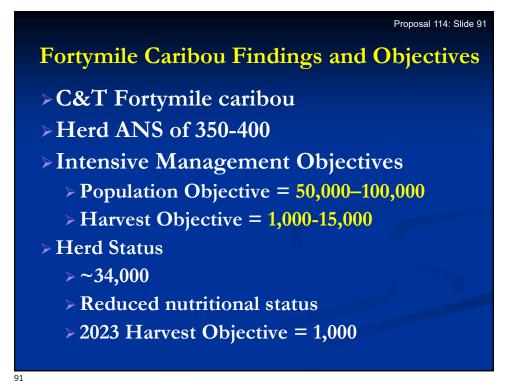
Proposal 113 – Close fall hunting of Fortymile caribou within ¹/₄ mile or 100 yards of portion Steese Highway in Units 20B and 25C

Submitted by: Public

Effect of Proposal: Caribou hunting within ¹/₄ mile or 100 yards of the Steese Highway above treeline on Eagle and Twelvemile summits in Units 20B and 25C would not be allowed during the fall (RC860) season

ADF&G Recommendation: Neutral

AC Recommendation(s): Upper Tanana Fortymile: Support











Corridor Options

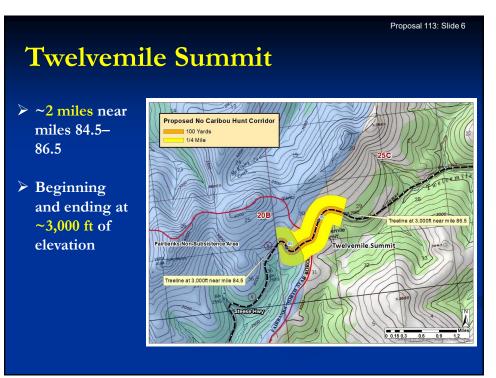
1.) Within ¹/₄ mile of the Steese Highway above treeline

2.) Within 100 yards of the Steese Highway above treeline

95

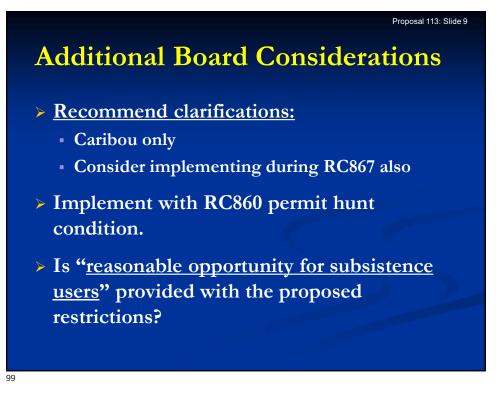


Proposal 113: Slide 5









Proposal 113: Slide 100

Proposal 113 – Close fall hunting of Fortymile caribou within ¹/₄ mile or 100 yards of portion Steese Highway in Units 20B and 25C

Submitted by: Public

₩.

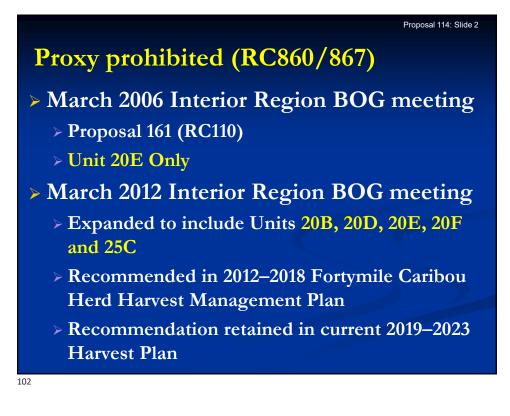
Effect of Proposal: Caribou hunting within ¹/₄ mile or 100 yards of the Steese Highway above treeline on Eagle and Twelvemile summits in Units 20B and 25C would not be allowed during the fall (RC860) season

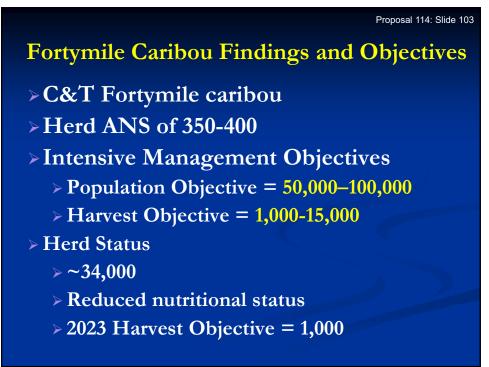
ADF&G Recommendation: Neutral

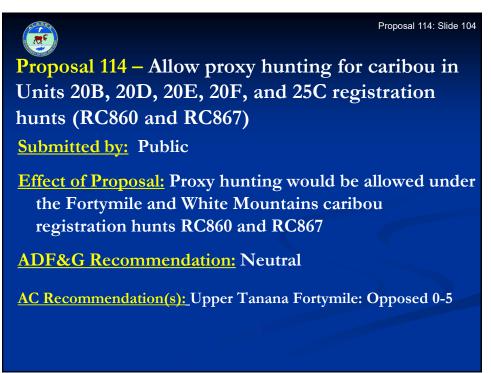
AC Recommendation(s): Upper Tanana Fortymile: Support

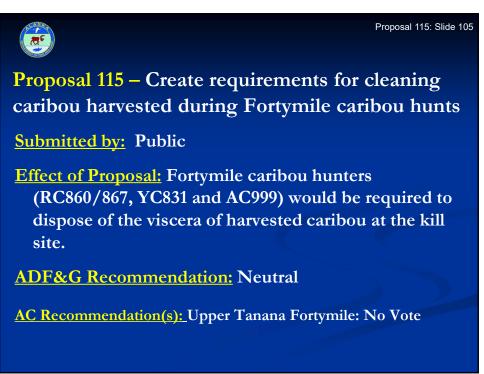
Proposal 114 – Allow proxy hunting for caribou in Units 20B, 20D, 20E, 20F, and 25C registration hunts (RC860 and RC867) Submitted by: Public Effect of Proposal: Proxy hunting would be allowed under the Fortymile and White Mountains caribou registration hunts RC860 and RC867 ADF&G Recommendation: Neutral AC Recommendation(s): Upper Tanana Fortymile: Opposed 0-5



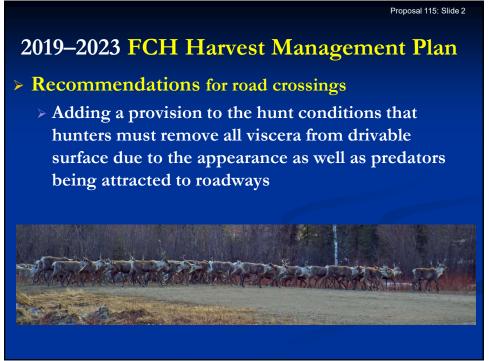
















Proposal 115: Slide 108

Proposal 115 – Create requirements for cleaning caribou harvested during Fortymile caribou hunts

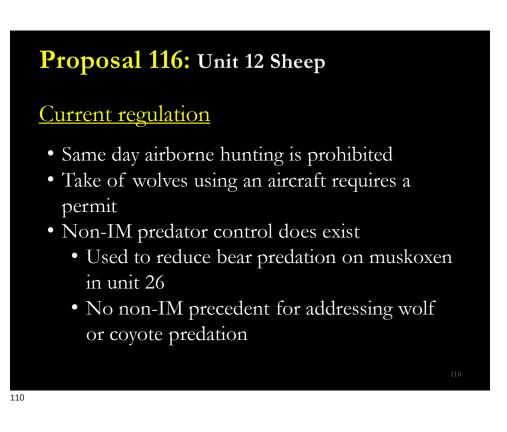
Submitted by: Public

Effect of Proposal: Fortymile caribou hunters (RC860/867, YC831 and AC999) would be required to dispose of the viscera of harvested caribou at the kill site.

ADF&G Recommendation: Neutral

AC Recommendation(s): Upper Tanana Fortymile: No Vote



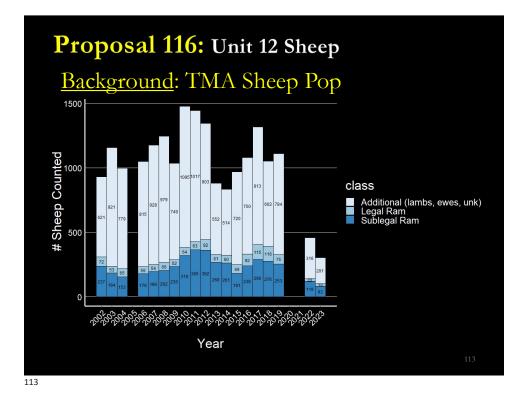


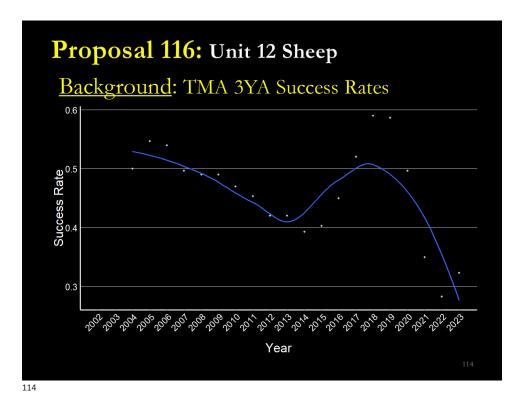
Proposal 116: Unit 12 Sheep Background

- Tok Management Area:
 - Managed for trophy quality
 - Employs permitting matrix
 - Follows full curl regulations
- Number of permits in recent years has dropped



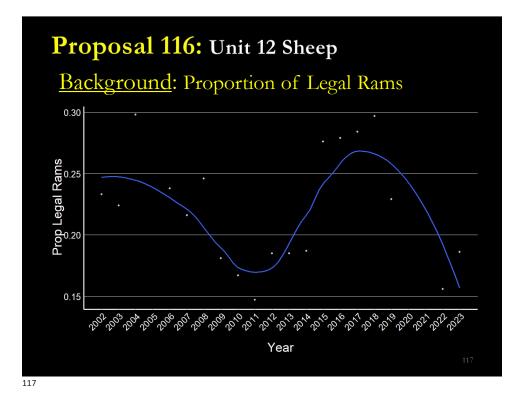


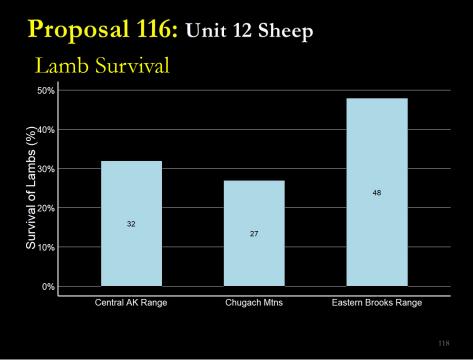


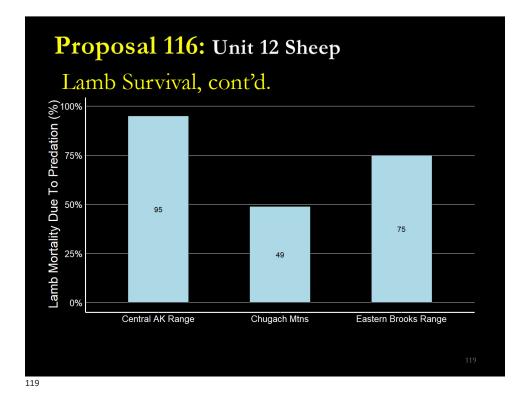


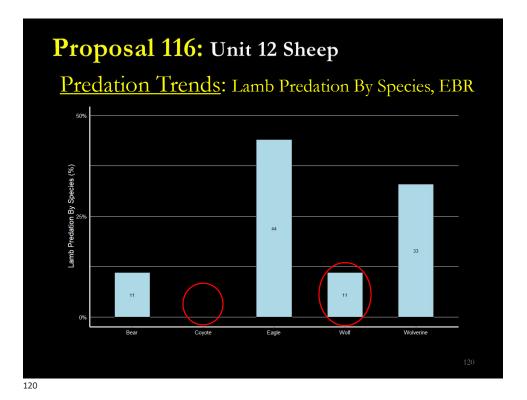


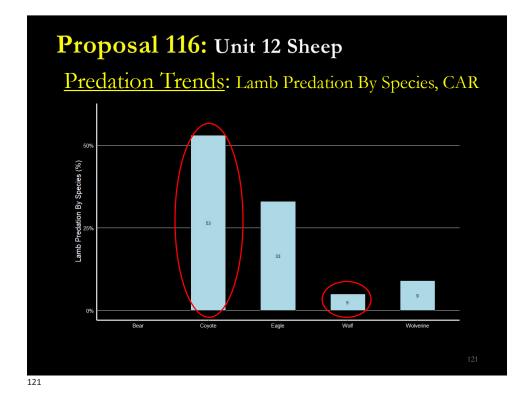


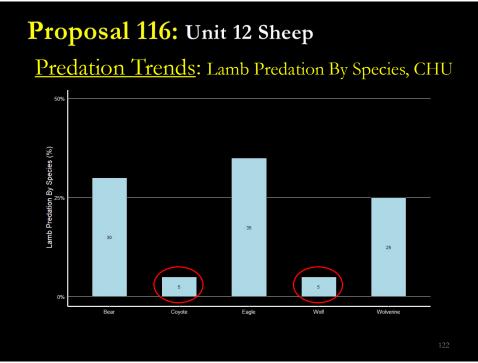








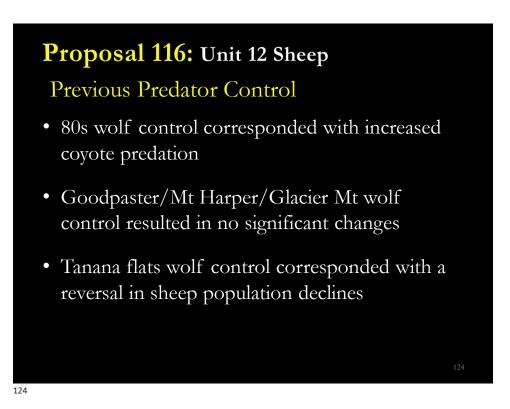




Proposal 116: Unit 12 Sheep

Predation Trends: Ewe Survival

- Eastern Brooks Range (2009-2012)
 - 80% of ewe mortality caused by wolves
 - Survival generally high
- Central Alaska Range (1999-2005)
 - 83% of ewe mortality caused by wolves
 - Survival generally high
- Chugach Mountains (2009-2014)
 - 5% of ewe mort caused by wolves
 - · Most mortality associated with severe weather/accidents



Proposal 116: Unit 12 Sheep

Closing remarks:

- Wolf/coyote seasons/bag limits are liberal within the TMA
- Currently, the harvest of fur is poorly incentivized
- Terrain and land ownership patterns are not well suited for aerial wolf/coyote control
- Impacts of wolves and coyotes on sheep in this area are unknown
 - No contemporary information is available for the TMA

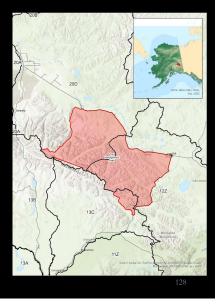
Proposal 116:Shep/Dit 12Submitted by: ACSubmitted by: ACEffect of the proposal: Implement a non-intensiveunagement predator control plan within the TokUnagement Area to benefit Dall shepDepartment Recommendation: NeutralLipper Tanana/Fortymile Advisory CommitteeSupport

Proposal 117:Sheep/Unit 12Submitted by: PublicEffect of the proposal: Reduce the proportion of
NR Tok Management Area (TMA) sheep drawpermits awarded to NR hunters accompanied by 2DKDepartment Recommendation: NeutralUpper Tanana/Fortymile Advisory Committee:
N/A

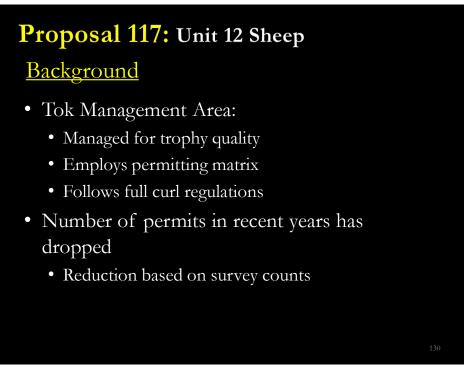
Proposal 117: Unit 12 Sheep

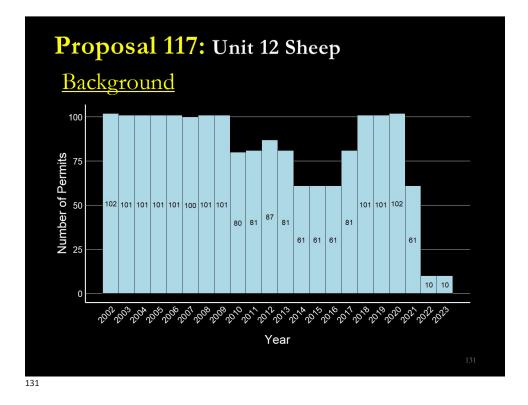
Background

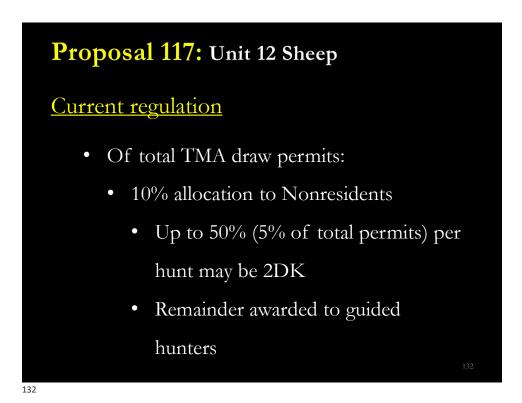
- Tok Management Area:
 - Managed for trophy quality
 - Employs permitting matrix
 - Follows full curl regulations
- Number of permits in recent years has dropped

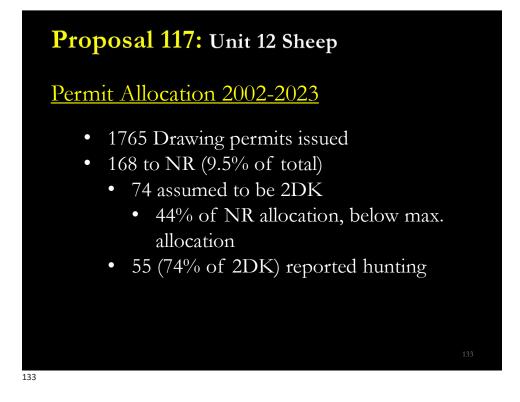


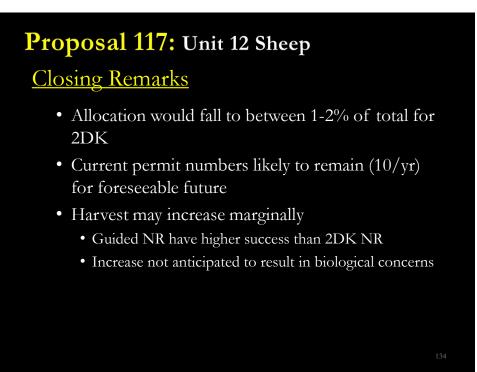


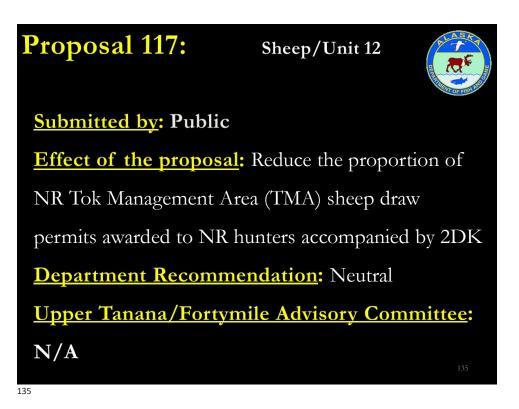


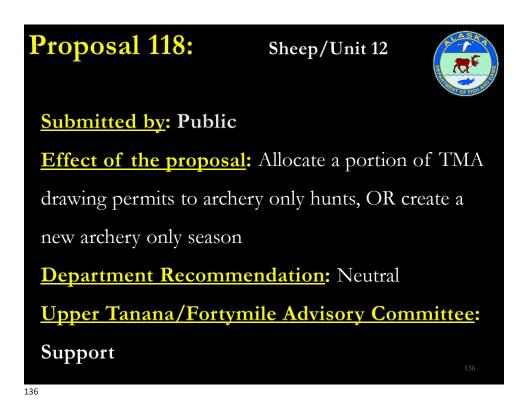








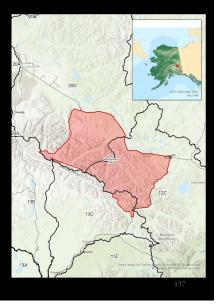




Proposal 118: Unit 12 Sheep Background

- Tok Management Area:
 - Managed for trophy quality
 - Employs permitting matrix
 - Follows full curl regulations

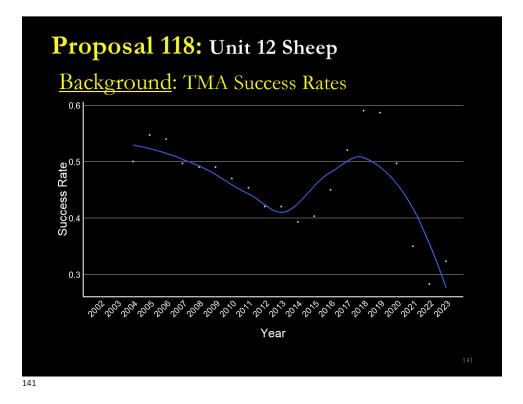
• Number of permits in recent years has dropped

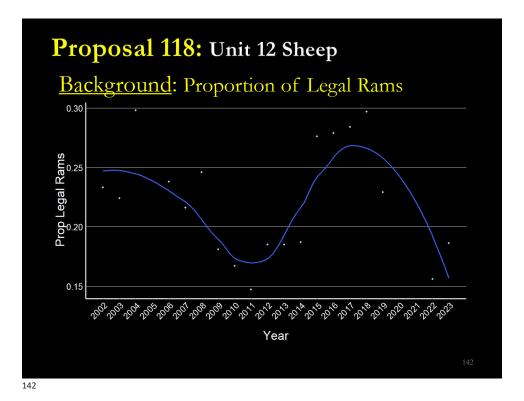


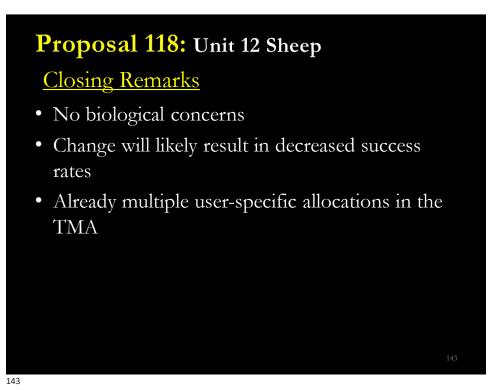




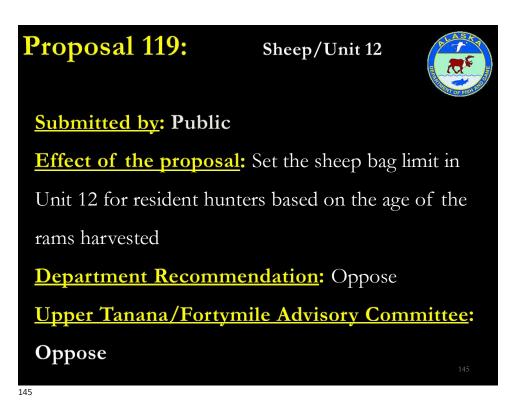
<section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>







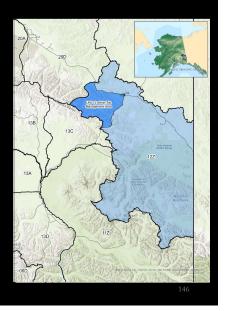


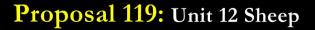


Proposal 119: Unit 12 Sheep

Background

- Unit 12 GS000
 - 1 ram (full curl management)
 - Aug 10- Sept 20
 - Youth hunt Aug 1- Aug 5
- Tok Management Area:
 - Managed for trophy quality
 - Employs permitting matrix
 - Follows full curl regulations
 - Number of permits in recent years has dropped



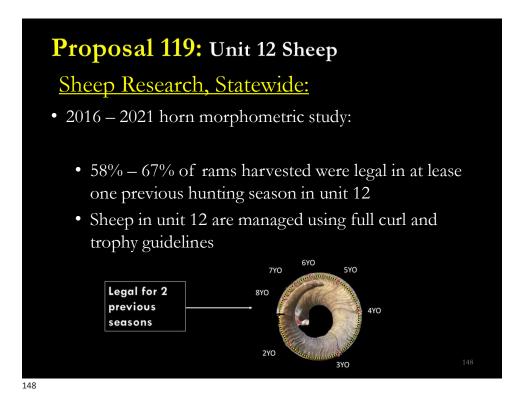


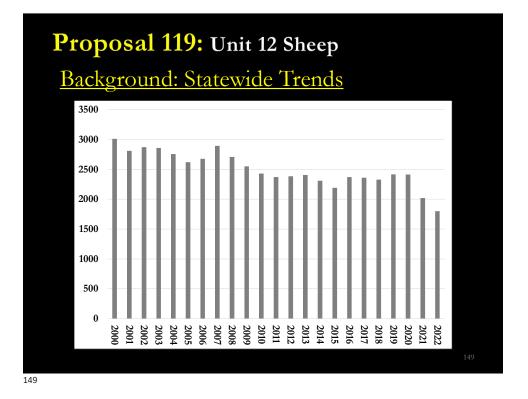
Current regulation

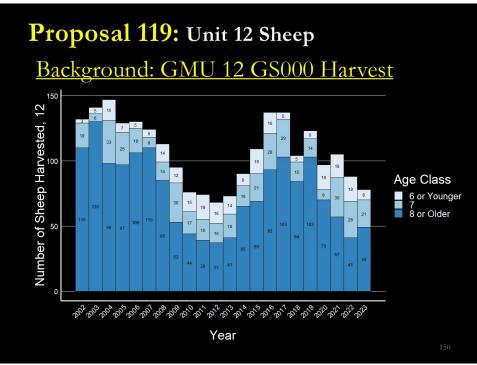
• Residents:

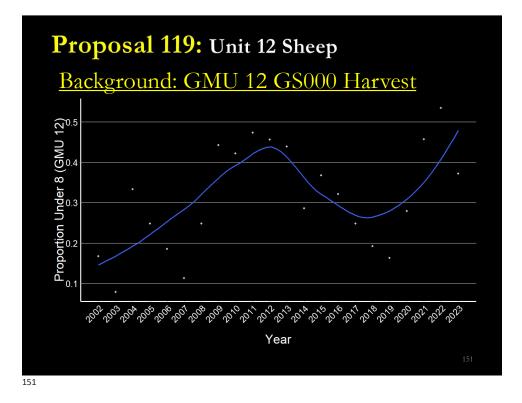
147

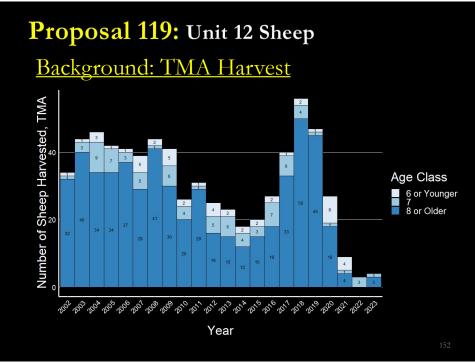
- TMA: 1 ram with full-curl horn or larger every 4 reg years by drawing permit only
- Remainder: 1 ram with full-curl horn or larger
- Change would add:
 - Rams >/= 8yo, every 1 reg year
 - Rams =7yo, every 3 reg years
 - Rams </=6yo, every 4 reg years

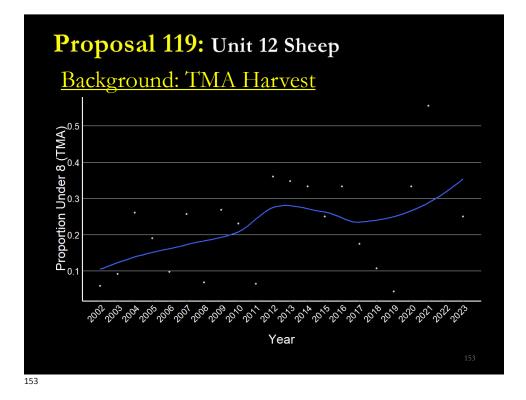


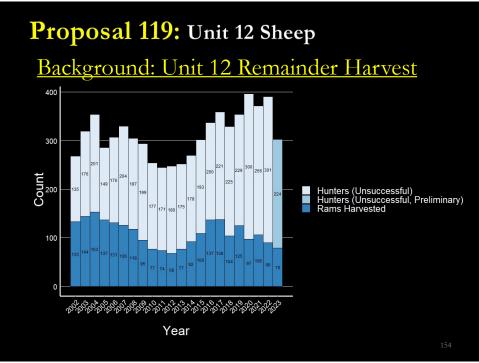


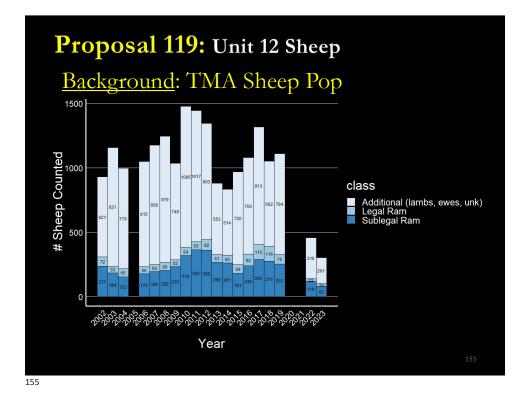


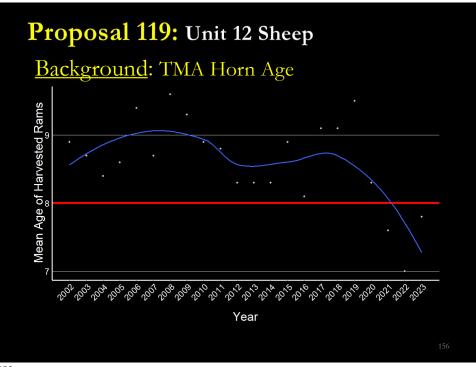


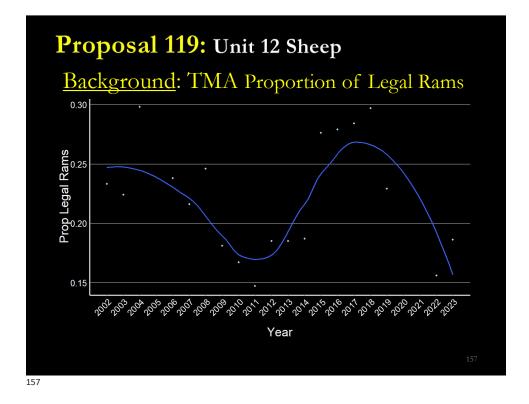




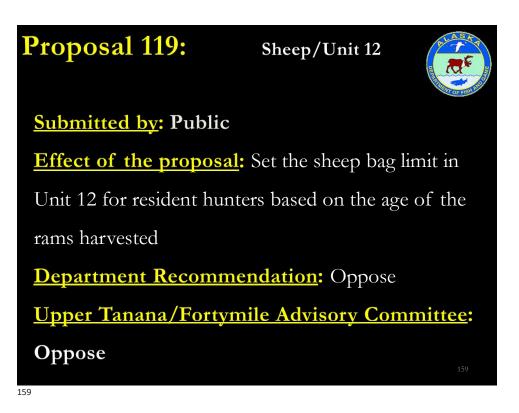


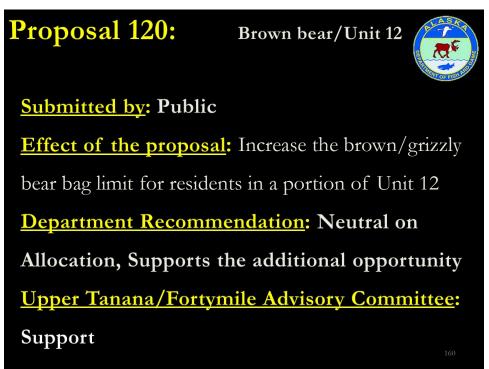






<section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item><list-item>

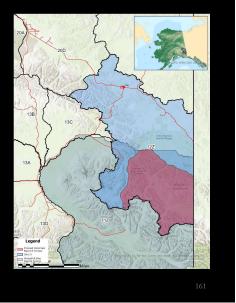




Proposal 120: Unit 12 brown bear

Current regulation

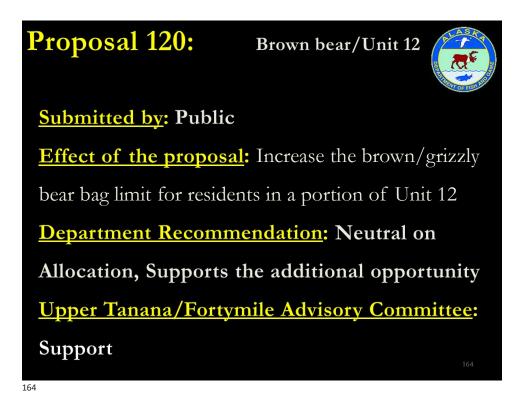
- Harvest of 1 bear/reg year (Aug 10-June 30)
- Change would align Unit 12 with bag limit in Unit 20E
- Would create opportunity for sale of hides/skulls



<section-header><section-header><figure><figure>

162

<section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item>

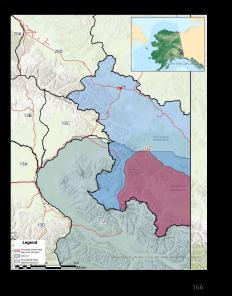


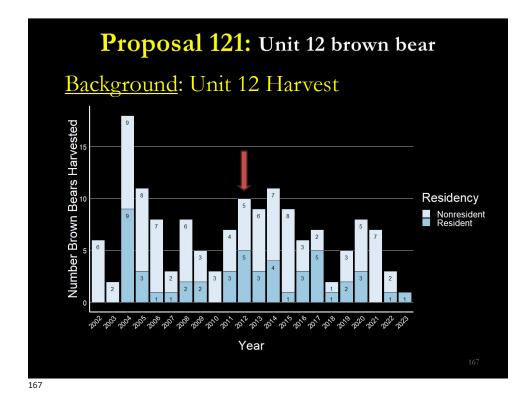
Proposal 121: Brown bear/Unit 12 Submitted by: Public, DUPLICATE OF 120 Effect of the proposal: Increase the brown/grizzly bear bag limit for residents in a portion of Unit 12 Department Recommendation: Neutral on Allocation, Supports the additional opportunity Upper Tanana/Fortymile Advisory Committee: Support

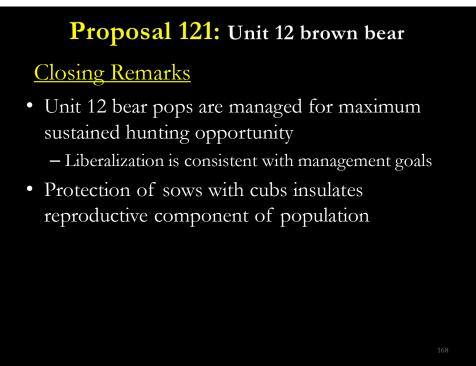
Proposal 121: Unit 12 brown bear

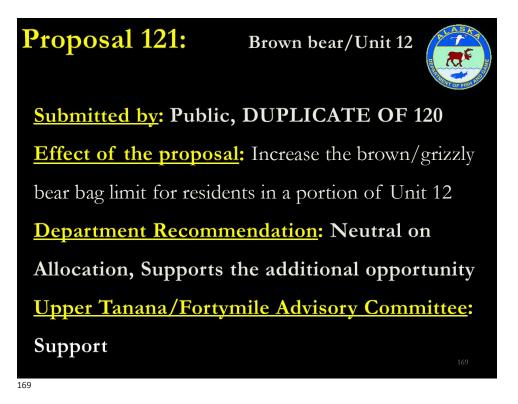
Current regulation

- Harvest of 1 bear/reg year (Aug 10-June 30)
- Change would align Unit 12 with bag limit in Unit 20E
- Would create opportunity for sale of hides/skulls









Proposal 122: Slide 170

Proposal 122 – Change the closing date of the wolf hunting season in Units 12 and 20E from April 30 to June 15

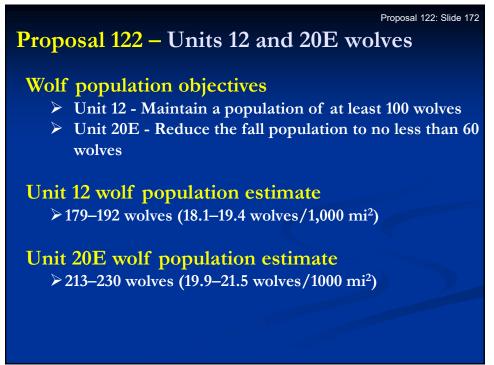
Submitted by: Upper Tanana/Fortymile Advisory Committee

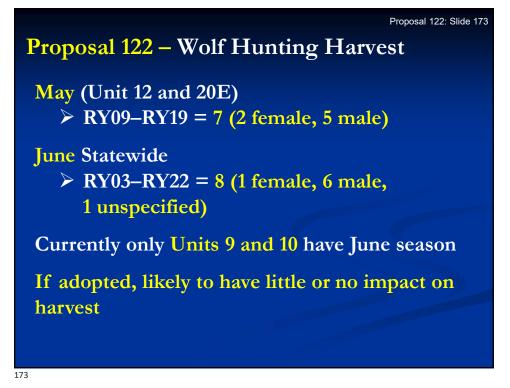
Effect of Proposal: Wolf hunting season in Units 12 and 20E would end 46-days later, on June 15.

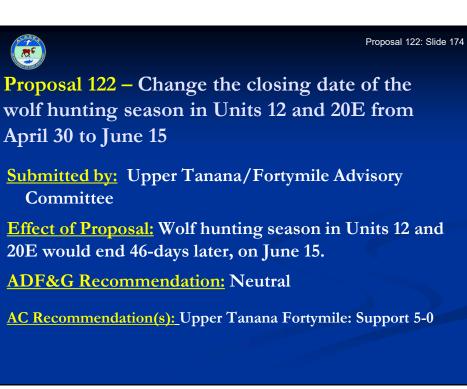
ADF&G Recommendation: Neutral

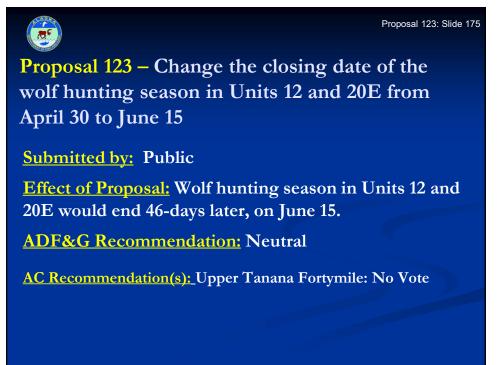
AC Recommendation(s): Upper Tanana Fortymile: Support 5-0

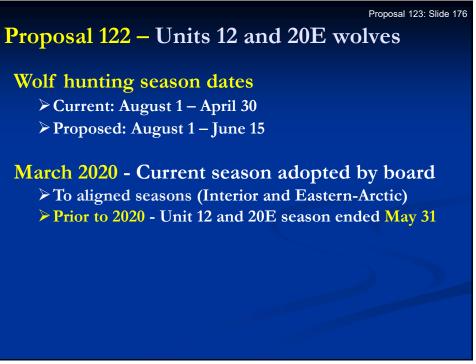


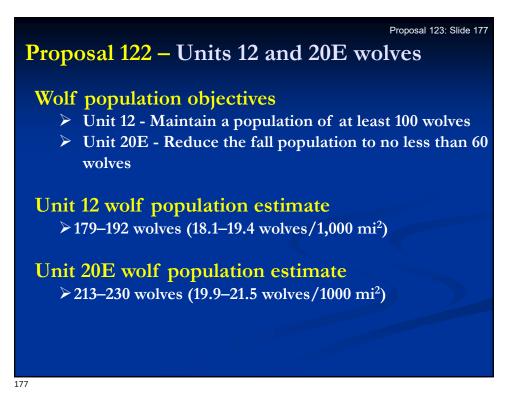


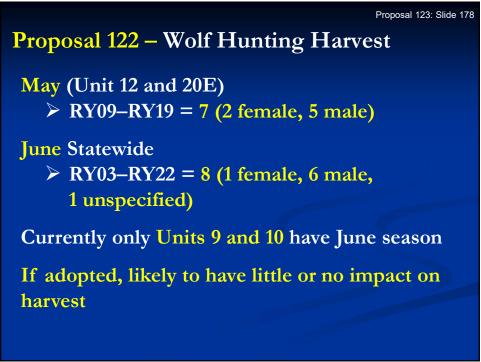


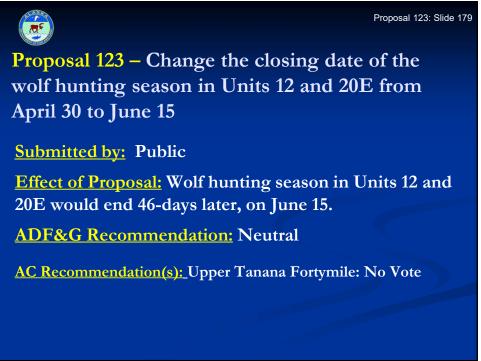












Proposal 124: Slide 180

Proposal 124 – Lengthen the marten trapping season in Units 20E and 25B by two weeks to end March 15

Submitted by: Eagle Advisory Committee

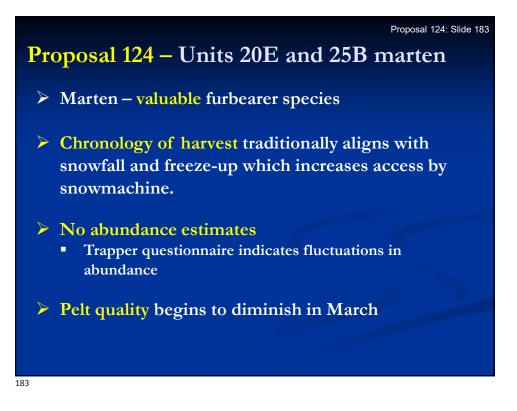
Effect of Proposal: This proposal would lengthen the marten trapping season in Units 20E and 25B by two-weeks to end March 15

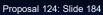
ADF&G Recommendation: Neutral

AC Recommendation(s): Upper Tanana Fortymile: Support 5-0

Proposal 124: Slide 181 Proposal 124 – Units 20E and 25B marten			
Current Regulations			
Area	Season	Bag limit	
Units 20E and 25B	Nov 1–Feb. 28	No limit	
C&T – Positive for Units 20E and 25C			
ANS – 90% of harvestable surplus			
181			

		Proposal 124: Slide 182	
Proposal 124 – Units 20E and 25B marten			
Proposed Regulations			
Area	Season	Bag limit	
Units 20E and 25B	Nov 1– Feb. 28 Mar. 15	No limit	
 Would mis-align closing dates: <u>Mink</u> and <u>weasel</u> in both Units Fox in Unit 25B Would align closing dates: <u>Lynx</u> in both Units <u>Wolverine</u> and <u>Fox</u> in Unit 20E 			





Proposal 124 – Lengthen the marten trapping season in Units 20E and 25B by two weeks to end March 15

Submitted by: Eagle Advisory Committee

Effect of Proposal: This proposal would lengthen the marten trapping season in Units 20E and 25B by two-weeks to end March 15

ADF&G Recommendation: Neutral

AC Recommendation(s): Upper Tanana Fortymile: Support 5-0

a.