Proposal 154 Caribou/26B Remainder

Increase caribou bag limit in remainder 26B to 5 caribou for resident and 2 bulls for nonresident hunters

Proposed by: ADF&G

Department Recommendation: Support

1

1

Proposal 154 Caribou/26B Remainder

Proposed Regulations

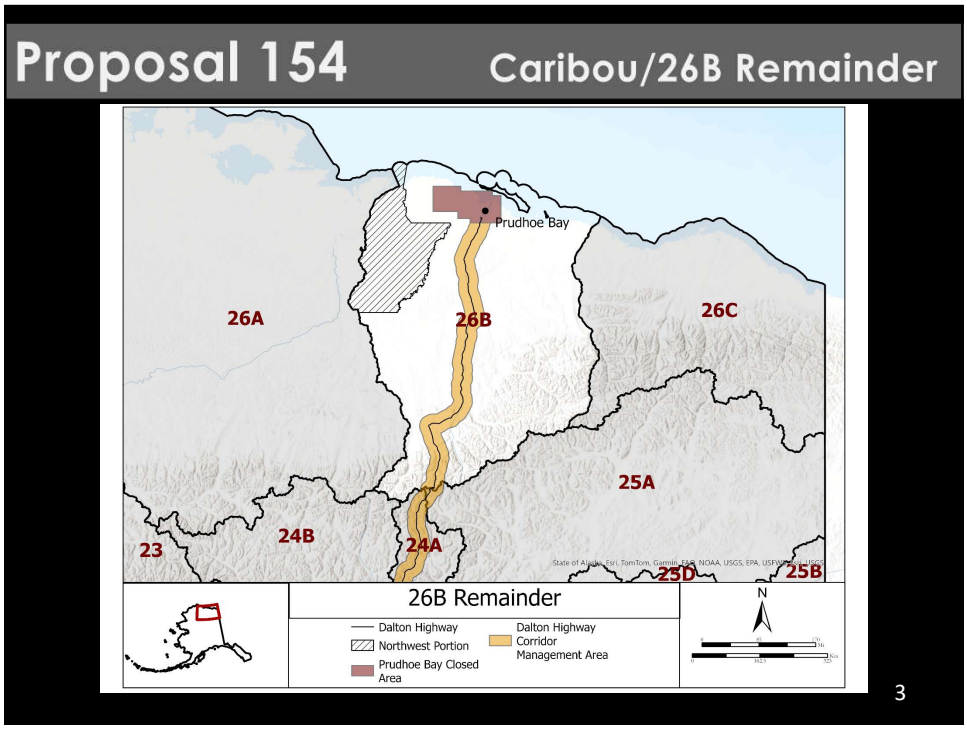
Unit/Area	Bag Limit	Harvest Ticket	
		Resident	Nonresident
Unit 26B – Remainder	~~4 bulls~~ 5 caribou	1 July–30 April	
	~~1 bull~~ 2 bulls		1 August–15 September

Proposal 155 – 5 caribou resident bag limit increase but no nonresident change

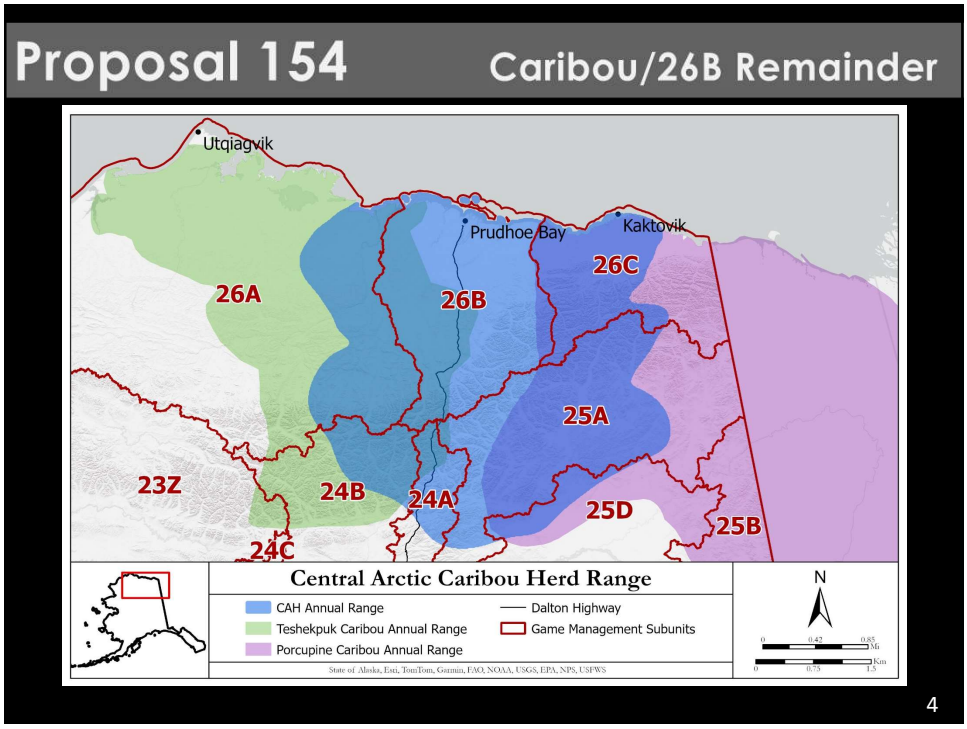
Proposal 156 – Change nonresident harvest ticket to draw or registration hunt

2

2


Proposal 154
Caribou/26B Remainder
Prudhoe Bay
26A
26B
26C
25A
24B
23
24A
25D
25B
26B Remainder
Dalton Highway
Northwest Portion
Prudhoe Bay Closed Area
Dalton Highway Corridor Management Area
N
3

3


Proposal 154
Caribou/26B Remainder
Utqiagvik
Prudhoe Bay
Kaktovik
26A
26B
26C
25A
23Z
24B
24A
25D
25B
24C
Central Arctic Caribou Herd Range
CAH Annual Range
Teshekpuk Caribou Annual Range
Porcupine Caribou Annual Range
Dalton Highway
Game Management Subunits
N
4

4

Proposal 154 Caribou/26B Remainder

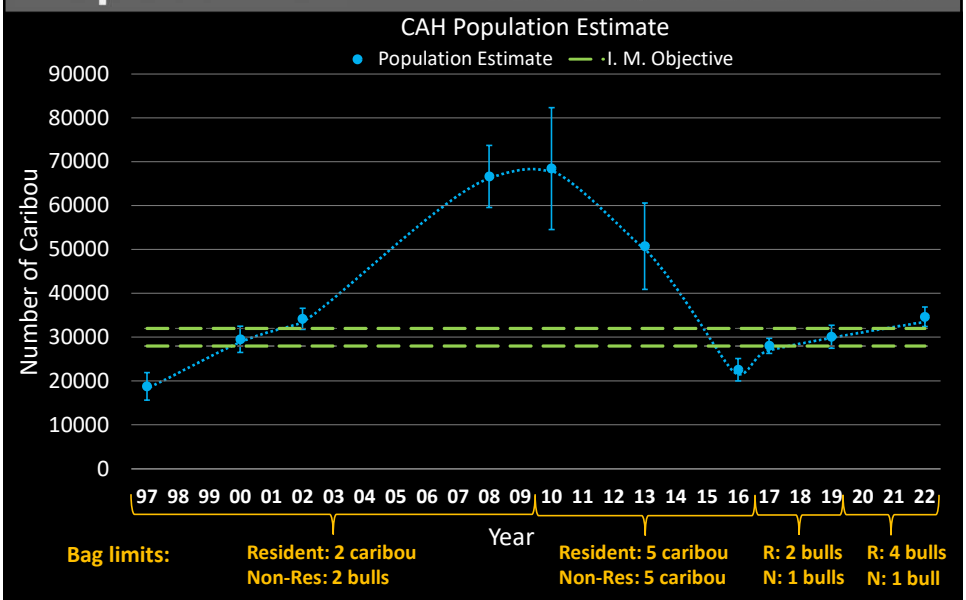
Unit 26(B) (CAH)

- C&T = Positive
- ANS = 250-450

5

5

Proposal 154 Caribou/26B Remainder



6

6

Proposal 154 Caribou/26B Remainder

CAH Background

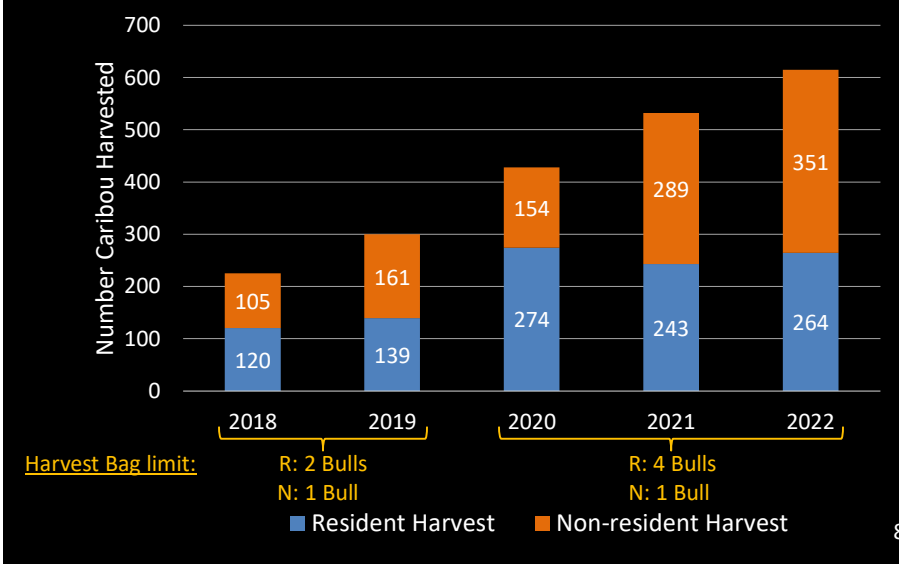
- Population is Stable to Increasing:
  - 5-year averages (RY19 – RY23)
    - 83% adult parturition
    - 73 calves: 100 cows in late June
    - 86% adult female survival
- Harvestable surplus:
  - 1,400-1,600 caribou

7

7

Proposal 154 Caribou/26B Remainder

CAH Harvest in 26B



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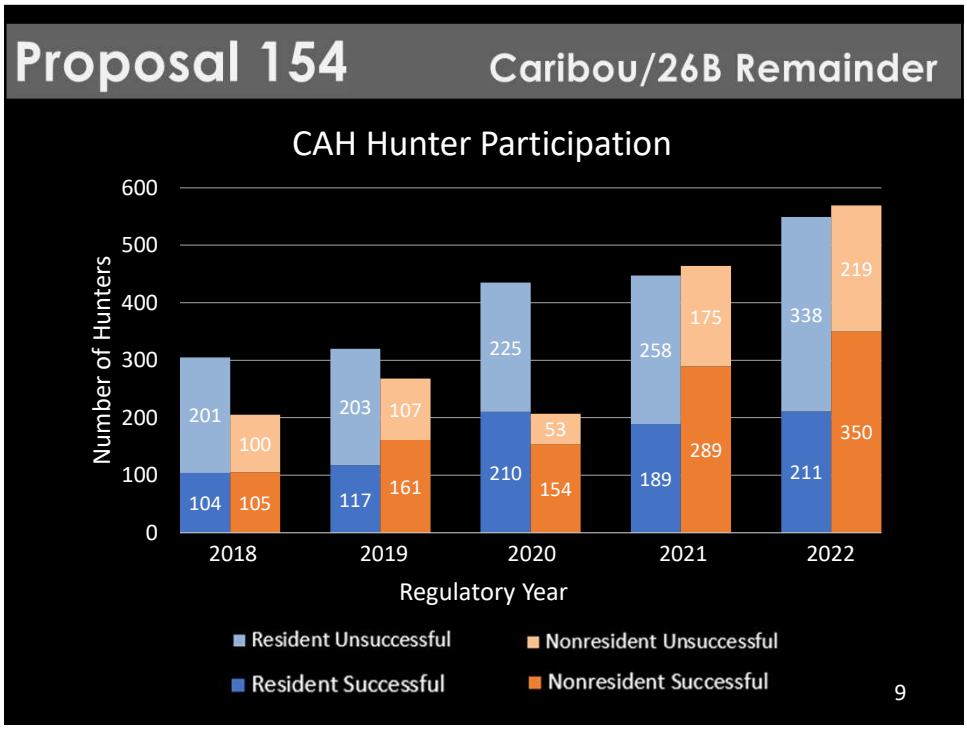
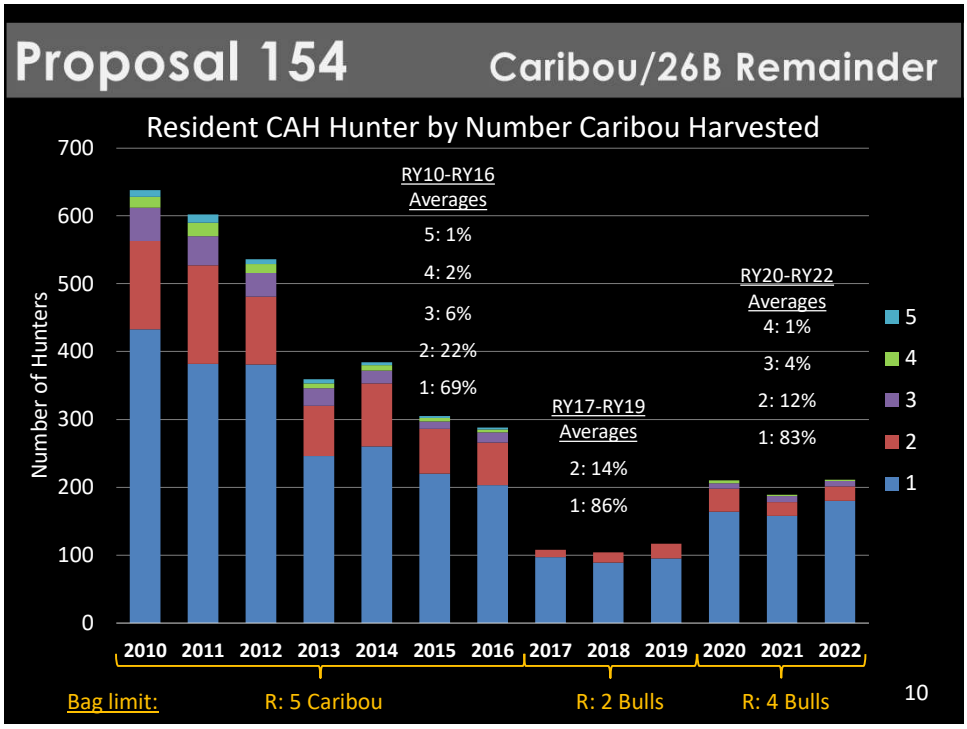
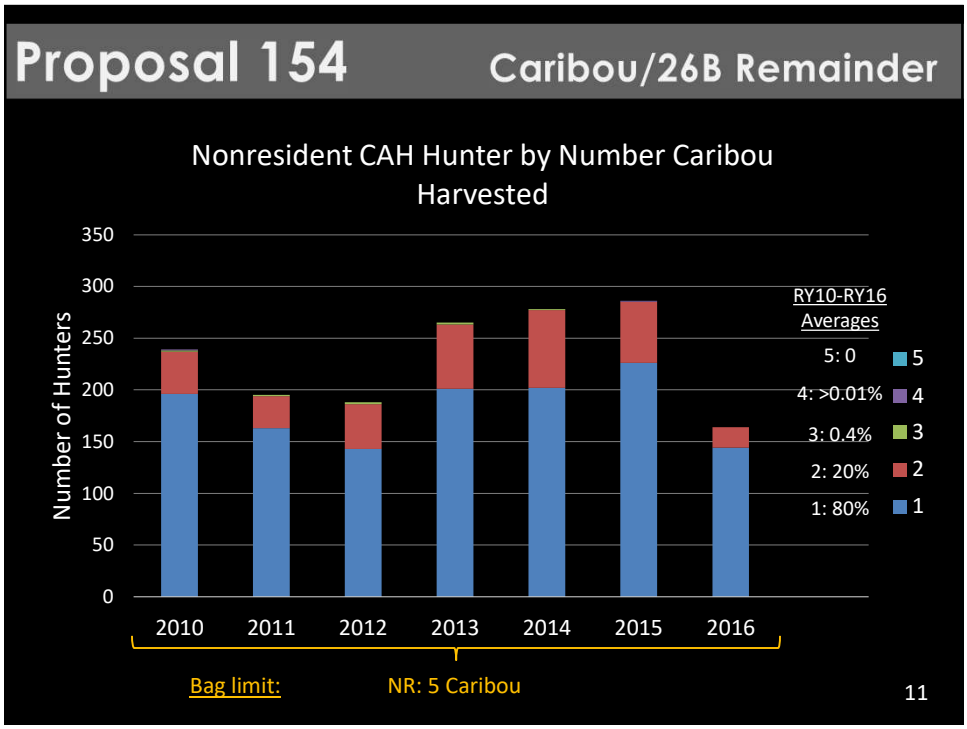
8


Proposal 154
Caribou/26B Remainder
CAH Hunter Participation
Number of Hunters
600
500
400
300
200
100
0
201
100
104
105
203
107
117
161
225
53
210
154
258
175
189
289
338
219
211
350
2018
2019
2020
2021
2022
Regulatory Year
Resident Unsuccessful
Nonresident Unsuccessful
Resident Successful
Nonresident Successful
9

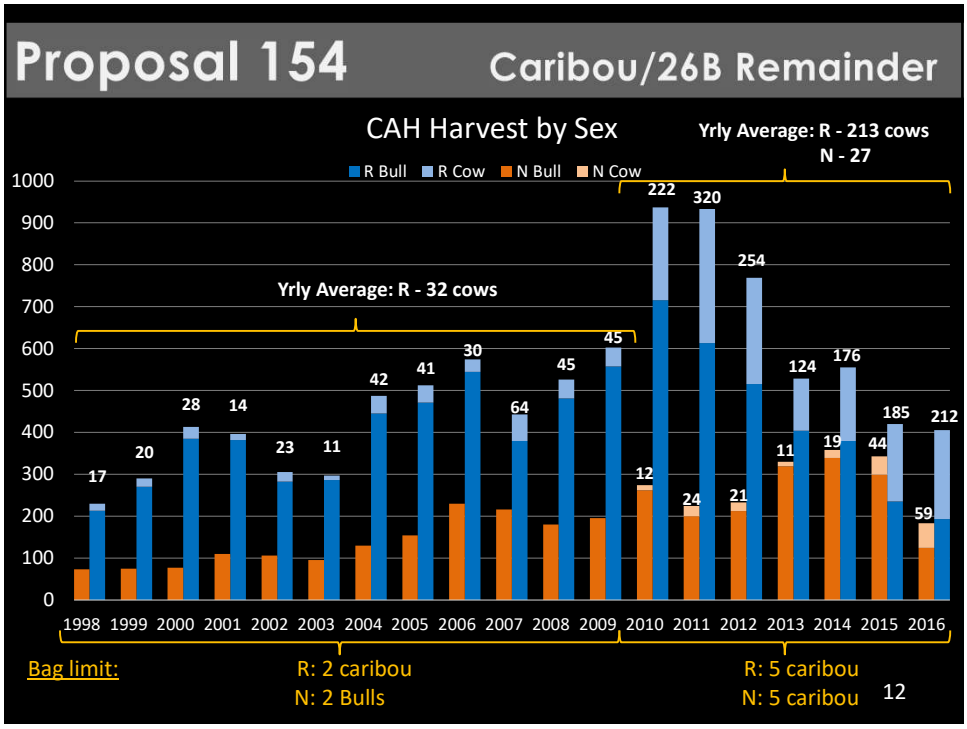
9


Proposal 154
Caribou/26B Remainder
Resident CAH Hunter by Number Caribou Harvested
Number of Hunters
700
600
500
400
300
200
100
0
RY10-RY16
Averages
5: 1%
4: 2%
3: 6%
2: 22%
1: 69%
RY17-RY19
Averages
2: 14%
1: 86%
RY20-RY22
Averages
4: 1%
3: 4%
2: 12%
1: 83%
5
4
3
2
1
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
Bag limit:
R: 5 Caribou
R: 2 Bulls
R: 4 Bulls
10

10


Proposal 154
Caribou/26B Remainder
Nonresident CAH Hunter by Number Caribou Harvested
Number of Hunters
350
300
250
200
150
100
50
0
2010
2011
2012
2013
2014
2015
2016
RY10-RY16 Averages
5: 0
4: >0.01%
3: 0.4%
2: 20%
1: 80%
5
4
3
2
1
Bag limit:
NR: 5 Caribou
11

11


Proposal 154
Caribou/26B Remainder
CAH Harvest by Sex
R Bull
R Cow
N Bull
N Cow
Yrly Average: R - 32 cows
Yrly Average: R - 213 cows
N - 27
1000
900
800
700
600
500
400
300
200
100
0
17
20
28
14
23
11
42
41
30
64
45
45
12
222
24
320
21
254
11
124
19
176
44
185
59
212
1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016
Bag limit:
R: 2 caribou
N: 2 Bulls
R: 5 caribou
N: 5 caribou
12

12

Proposal 154 Caribou/26B Remainder

CAH Harvest

- Current harvest:
  - RY18 – RY22: 420 average bulls (range = 225 – 616)
  - >80% of resident take 1 caribou since RY17
    - Not filling bag limit
  - Low harvest of cows when in bag limit
- There is an unutilized harvestable surplus
- Aligns with past bag limits
- Non-resident bag limit would align with Units 26C, 25A, 25B, and 25D

13

13

Proposal 154 Caribou/26B Remainder

Increase caribou bag limit in remainder 26B to 5 caribou for resident and 2 bulls for nonresident hunters

Proposed by: ADF&G

Department Recommendation: Support

14

14

Proposal 155 Caribou/26B Remainder

Increase caribou bag limit in remainder 26B to 5 caribou for resident hunters

Proposed by: Public

Department Recommendation:

Support for additional hunting opportunity

Neutral on allocation

15

15

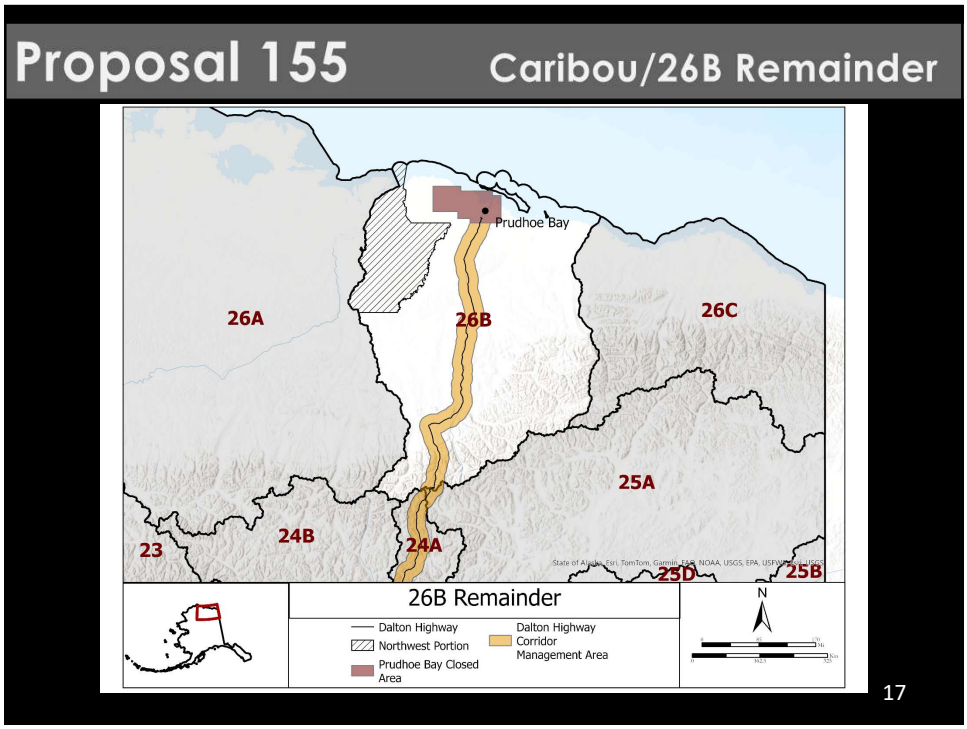
Proposal 155 Caribou/26B Remainder

Proposed Regulations

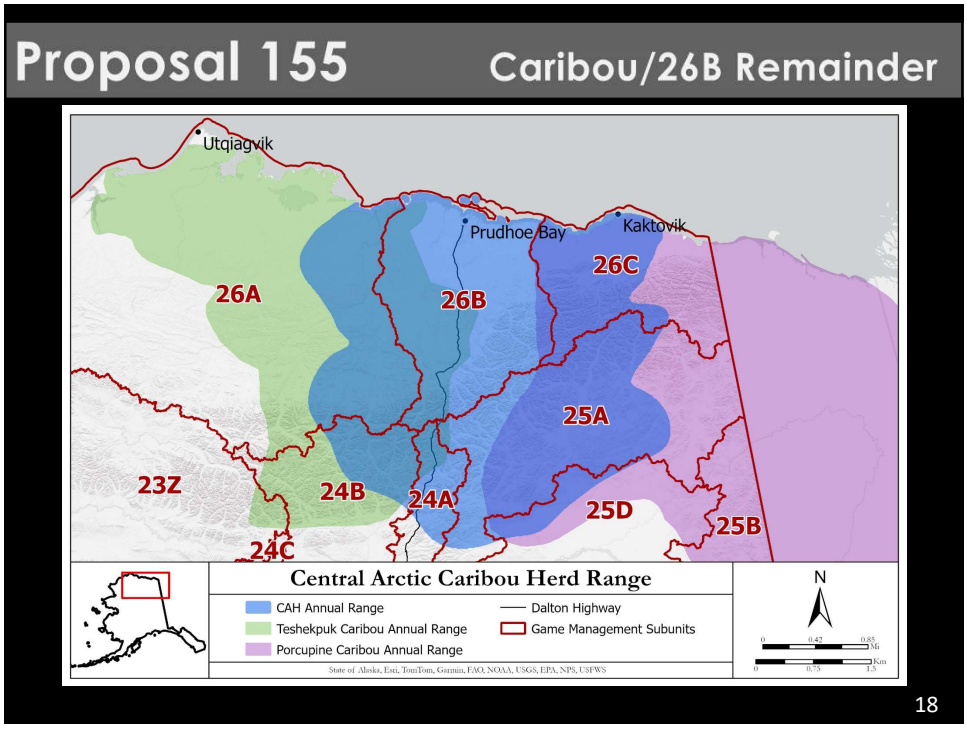
Unit/Area	Bag Limit	Harvest Ticket	
		Resident	Nonresident
Unit 26B – Remainder	~~4 bulls~~ 5 caribou	1 July–30 April	
	1 bull		1 August–15 September

16

16


Proposal 155
Caribou/26B Remainder
Prudhoe Bay
26A
26B
26C
25A
24B
23
24A
25D
25B
26B Remainder
Dalton Highway
Northwest Portion
Prudhoe Bay Closed Area
Dalton Highway Corridor Management Area
N
17

17


Proposal 155
Caribou/26B Remainder
Utqiagvik
Prudhoe Bay
Kaktovik
26A
26B
26C
25A
23Z
24B
24A
25D
25B
24C
Central Arctic Caribou Herd Range
CAH Annual Range
Teshekpuk Caribou Annual Range
Porcupine Caribou Annual Range
Dalton Highway
Game Management Subunits
State of Alaska, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS
N
18

18

Proposal 155 — Caribou/26B Remainder

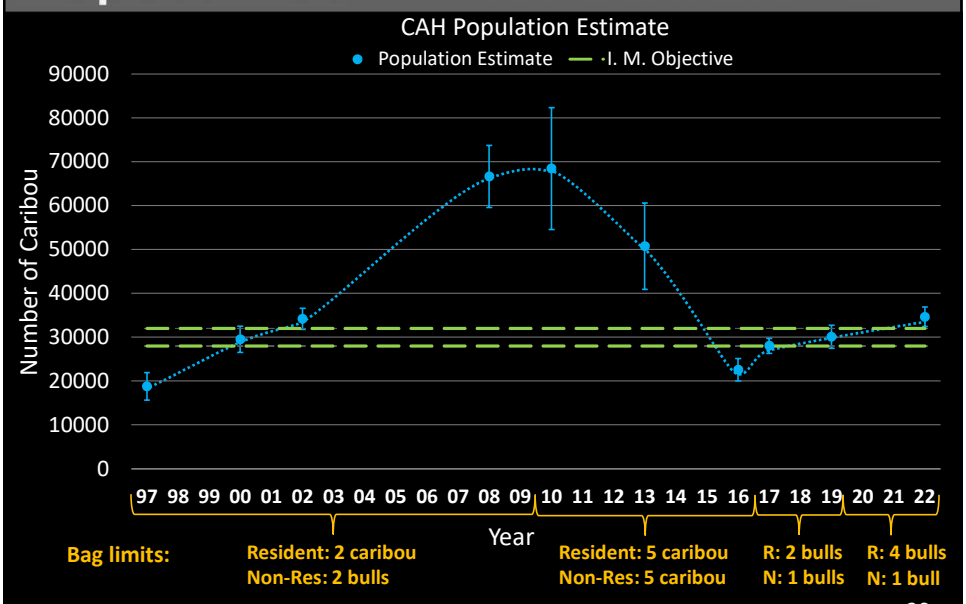
Unit 26(B) (CAH)

- C&T = Positive
- ANS = 250-450

19

19

Proposal 155 — Caribou/26B Remainder



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20

Proposal 155 — Caribou/26B Remainder

CAH Background

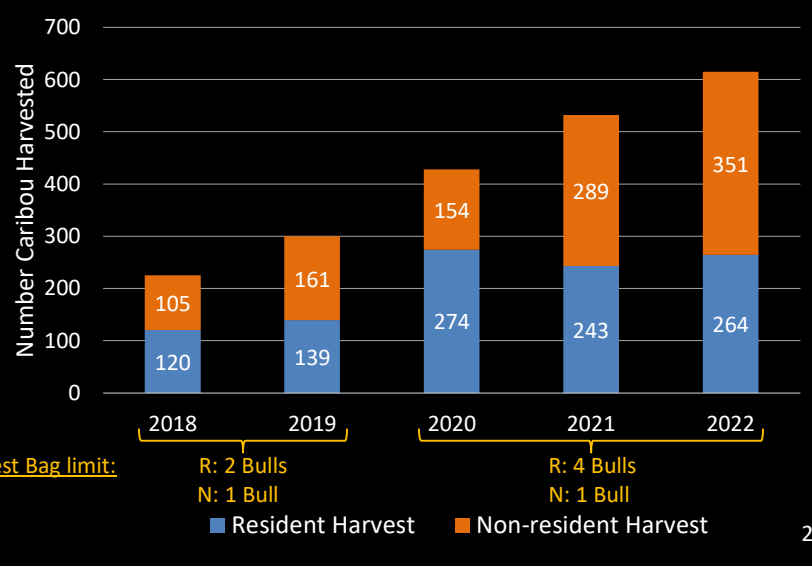
- **Population is Stable to Increasing:**
  - 5-year averages (RY19 – RY23)
    - 83% adult parturition
    - 73 calves: 100 cows in late June
    - 86% adult female survival
- **Harvestable surplus:**
  - 1,400-1,600 caribou

21

21

Proposal 155 — Caribou/26B Remainder

CAH Harvest in 26B



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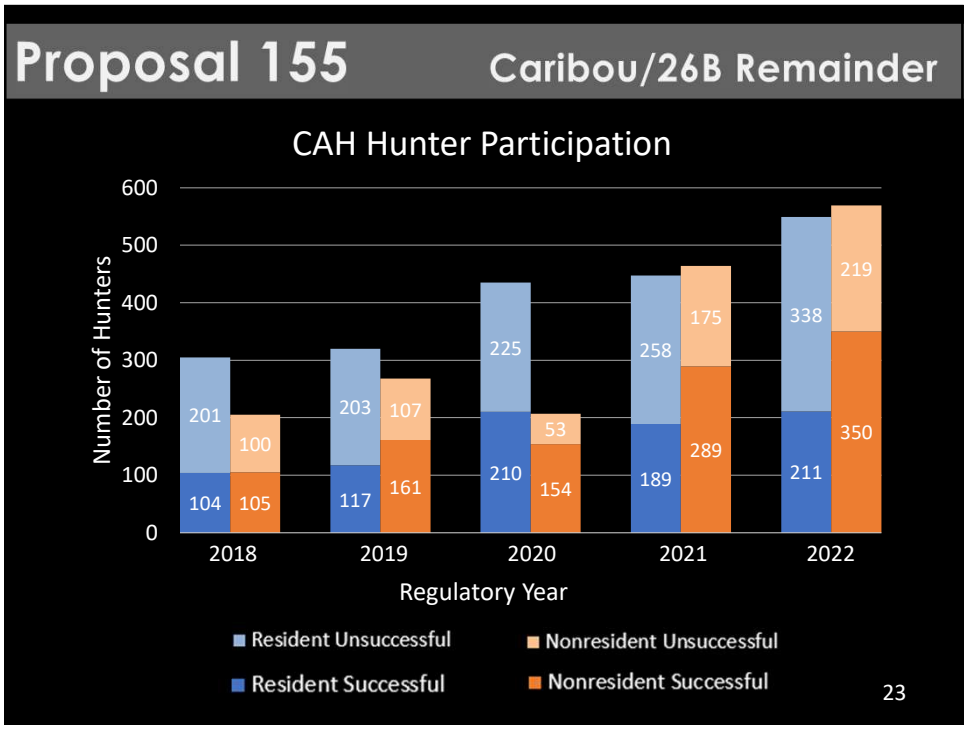
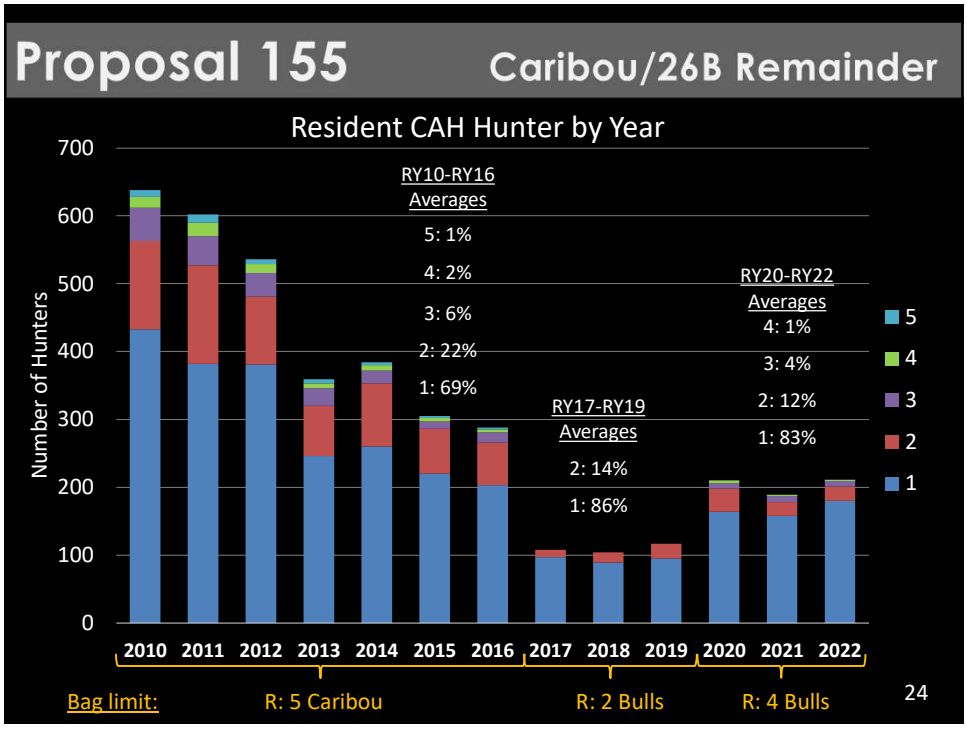
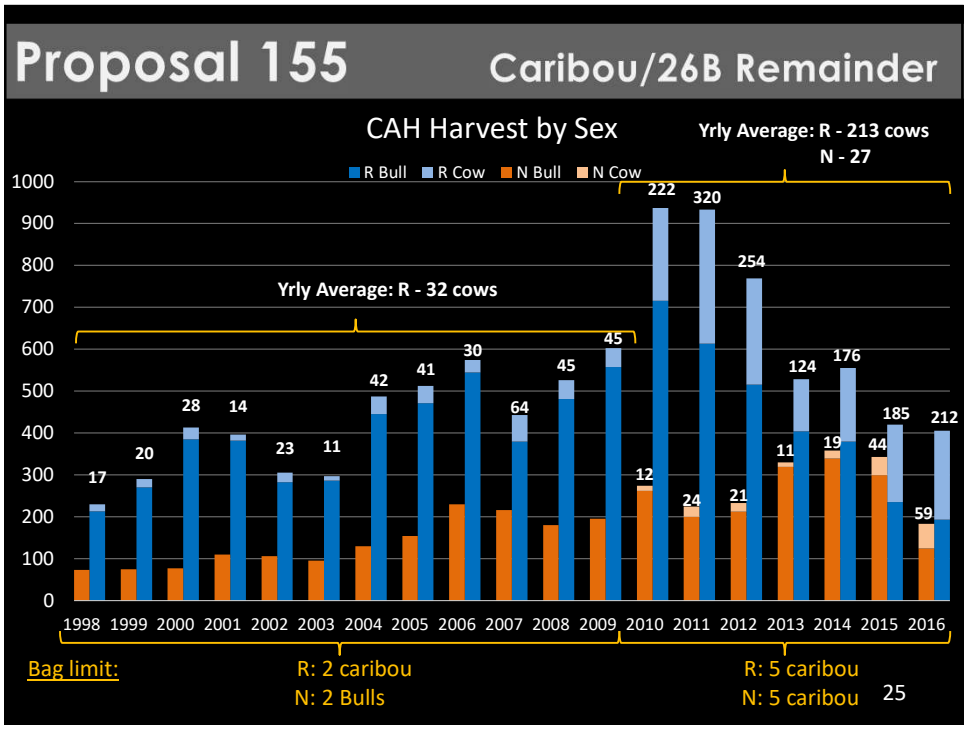
22


Proposal 155
Caribou/26B Remainder
CAH Hunter Participation
Number of Hunters
600
500
400
300
200
100
0
201
100
104
105
203
107
117
161
225
53
210
154
258
175
189
289
338
219
211
350
2018
2019
2020
2021
2022
Regulatory Year
Resident Unsuccessful
Nonresident Unsuccessful
Resident Successful
Nonresident Successful
23

23


Proposal 155
Caribou/26B Remainder
Resident CAH Hunter by Year
Number of Hunters
700
600
500
400
300
200
100
0
RY10-RY16
Averages
5: 1%
4: 2%
3: 6%
2: 22%
1: 69%
RY17-RY19
Averages
2: 14%
1: 86%
RY20-RY22
Averages
4: 1%
3: 4%
2: 12%
1: 83%
5
4
3
2
1
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
Bag limit:
R: 5 Caribou
R: 2 Bulls
R: 4 Bulls
24

24



25

Proposal 155 — Caribou/26B Remainder

CAH Harvest

- Current harvest:
  - RY18 – RY22: 420 average bulls (range = 225 – 616)
  - >80% of resident take 1 caribou since RY17
    - Not filling bag limit
  - Low harvest of cows when in bag limit
- There is an unutilized harvestable surplus
- The department is neutral on any allocation between resident and nonresident hunters.

26

26

Proposal 155 — Caribou/26B Remainder

Increase caribou bag limit in remainder 26B to 5 caribou for resident hunters

Proposed by: Public

Department Recommendation: Support

27

27

Proposal 156 — Caribou/26B Remainder

Change the nonresident caribou hunt in 26B remainder to a draw only or registration hunt

Proposed by: Public

Department Recommendation: Neutral

28

28

Proposal 156 Caribou/26B Remainder

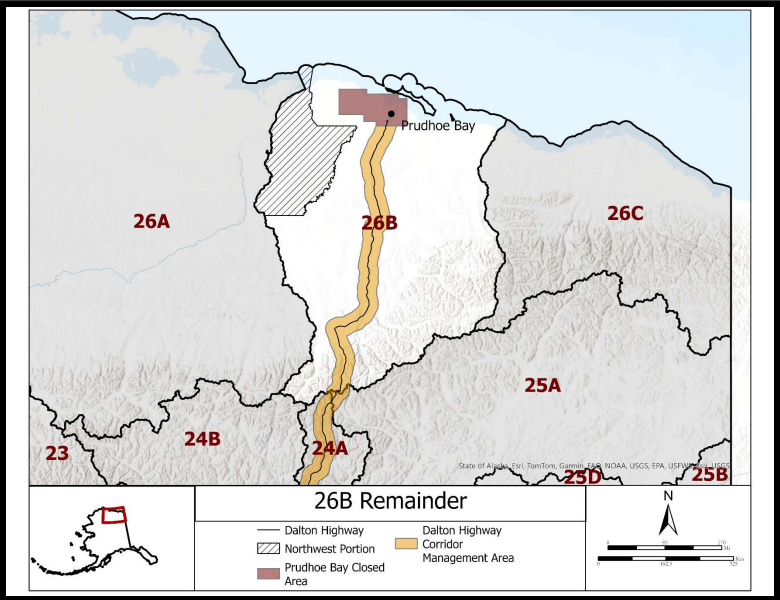
Proposed Regulations

Unit/Area	Bag Limit	Harvest Ticket	
		Resident	Nonresident
Unit 26B – Remainder	4 bulls	1 July–30 April (Harvest Ticket)	
	1 bull (# of Permits)		1 August–15 September ~~(Harvest Ticket)~~ Permit #

29

29

Proposal 156 Caribou/26B Remainder



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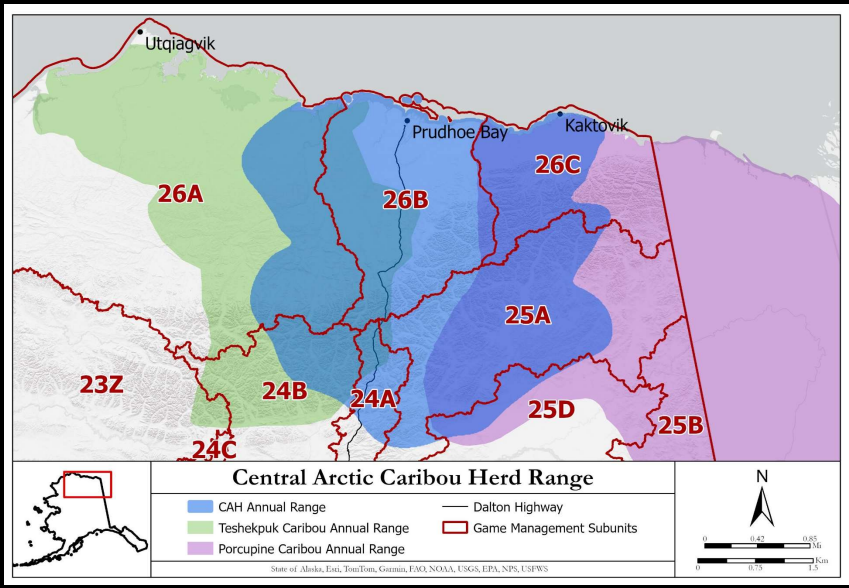
30

Proposal 156 Caribou/26B Remainder



31

31

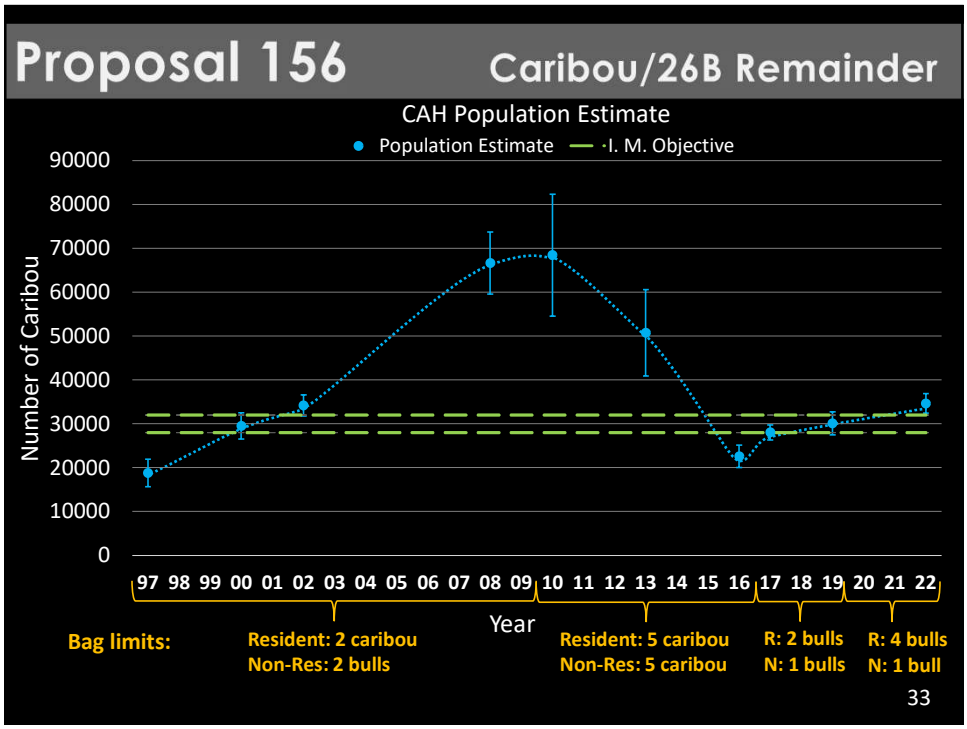
Proposal 156 Caribou/26B Remainder

Unit 26(B) (CAH)

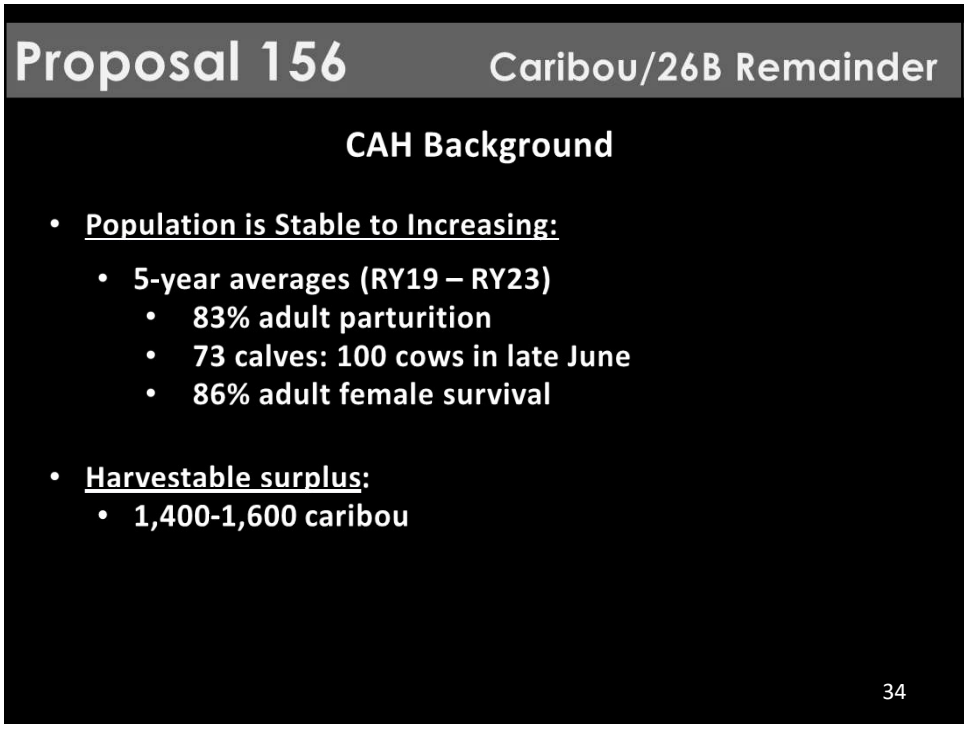
- C&T = Positive
- ANS = 250-450

32

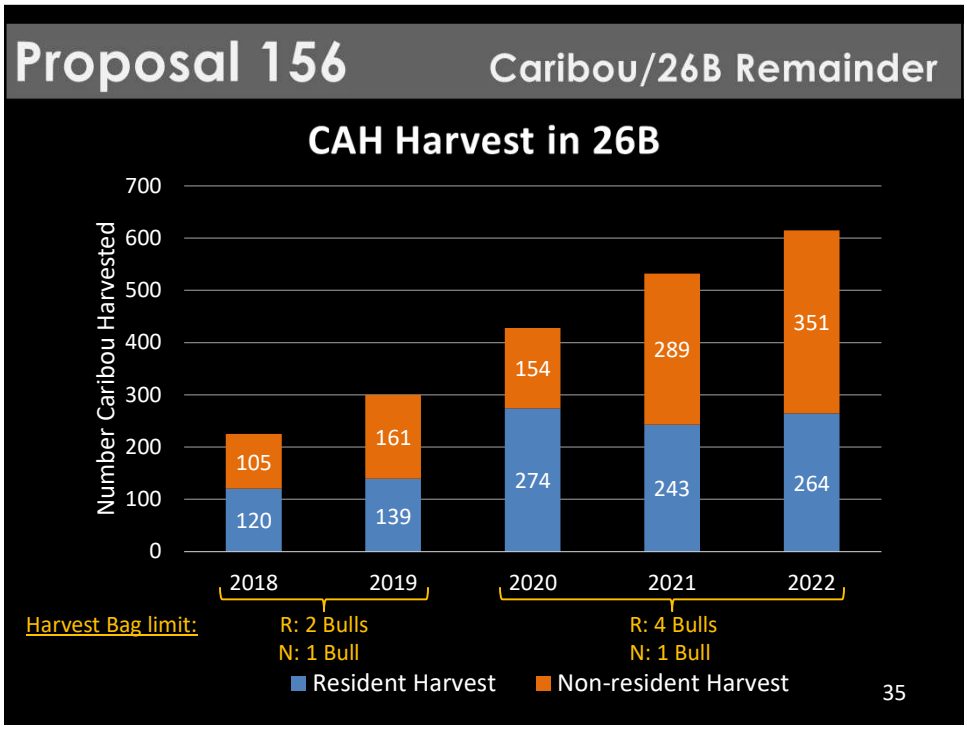
32


Proposal 156
Caribou/26B Remainder
CAH Population Estimate
Population Estimate
I. M. Objective
Number of Caribou
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22
Year
Bag limits:
Resident: 2 caribou
Non-Res: 2 bulls
Resident: 5 caribou
Non-Res: 5 caribou
R: 2 bulls
N: 1 bulls
R: 4 bulls
N: 1 bull
33

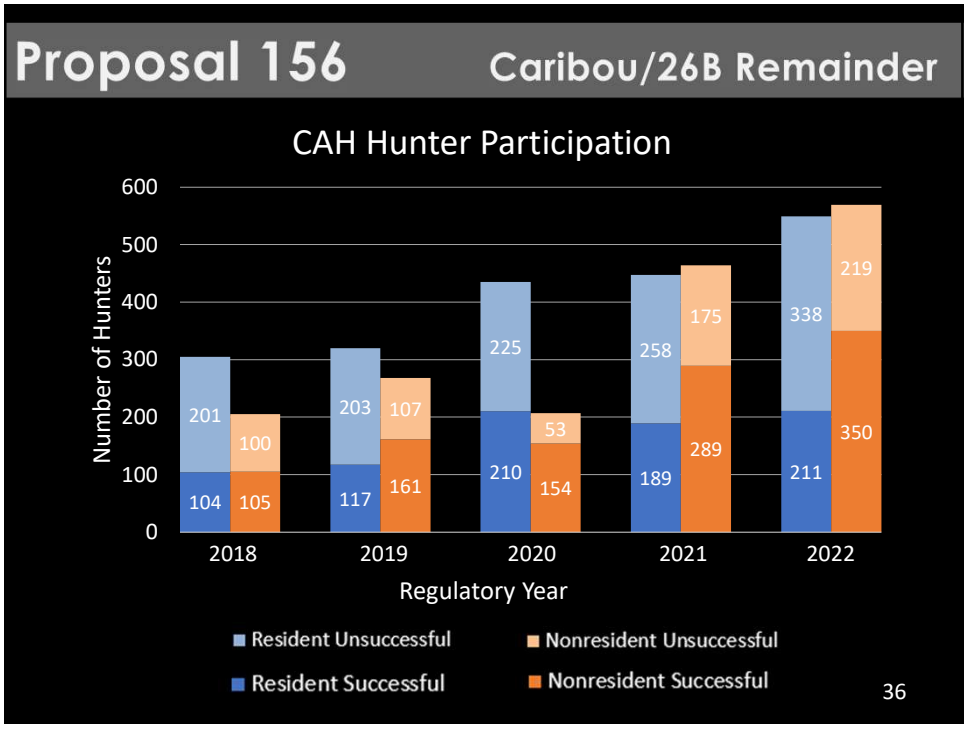
33


Proposal 156
Caribou/26B Remainder
CAH Background
Population is Stable to Increasing:
5-year averages (RY19 – RY23)
83% adult parturition
73 calves: 100 cows in late June
86% adult female survival
Harvestable surplus:
1,400-1,600 caribou
34

34

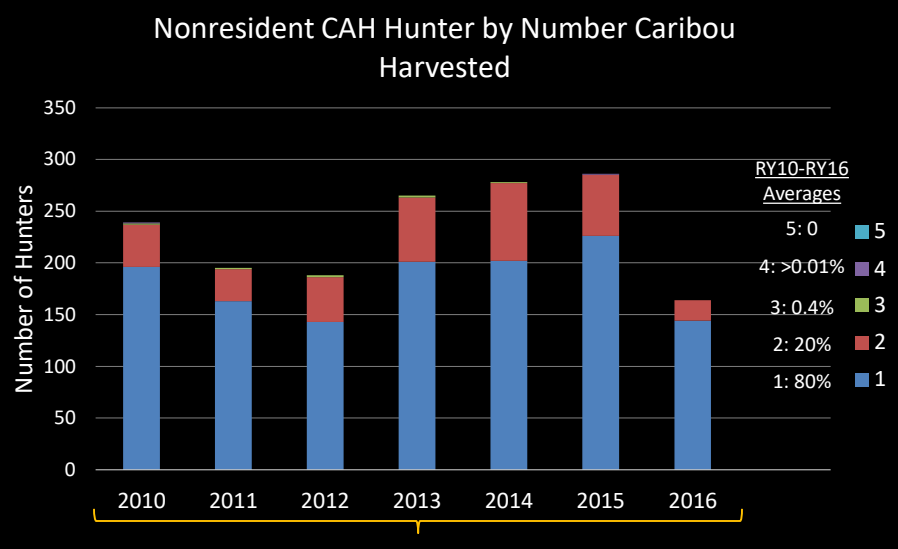

Proposal 156
Caribou/26B Remainder
CAH Harvest in 26B
Number Caribou Harvested
700
600
500
400
300
200
100
0
105
120
161
139
154
274
289
243
351
264
2018
2019
2020
2021
2022
Harvest Bag limit:
R: 2 Bulls
N: 1 Bull
R: 4 Bulls
N: 1 Bull
Resident Harvest
Non-resident Harvest
35

35


Proposal 156
Caribou/26B Remainder
CAH Hunter Participation
Number of Hunters
600
500
400
300
200
100
0
201
100
104
105
203
107
117
161
225
53
210
154
258
175
189
289
338
219
211
350
2018
2019
2020
2021
2022
Regulatory Year
Resident Unsuccessful
Nonresident Unsuccessful
Resident Successful
Nonresident Successful
36

36

Proposal 156 Caribou/26B Remainder



37

37

Proposal 156 Caribou/26B Remainder

CAH Harvest

- Current harvest:
  - RY18 – RY22: 420 average caribou (range = 225 – 616)
- There is an unutilized harvestable surplus
- This proposal seeks to address user conflicts w/ perceived overcrowding
  - Department is neutral on allocation between resident and nonresident hunters.

38

38

Proposal 156 Caribou/26B Remainder

Change the nonresident caribou hunt in 26B remainder to a draw only or registration hunt

Proposed by: Public

Department Recommendation: Neutral

39

39

Proposal 157 Muskox/26A, 26B

Change the Tier II permit hunt area boundaries for TX108 and TX109

Proposed by: North Slope AC

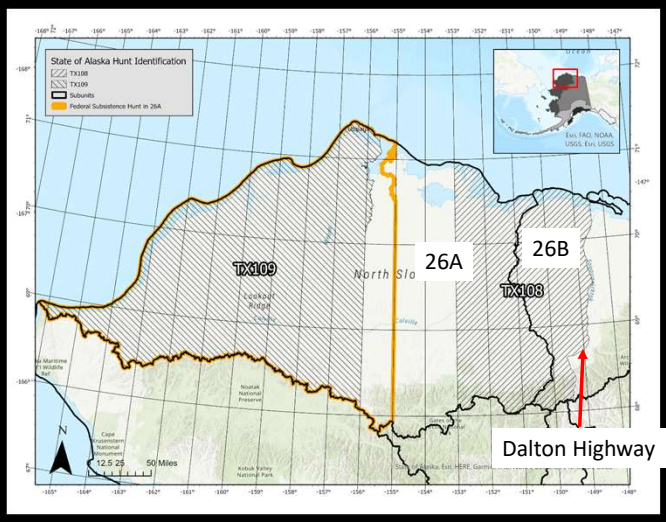
Department Recommendation: Support with amendment

40

40

Proposal 157 Muskoxen/26A, 26B

Current hunt areas



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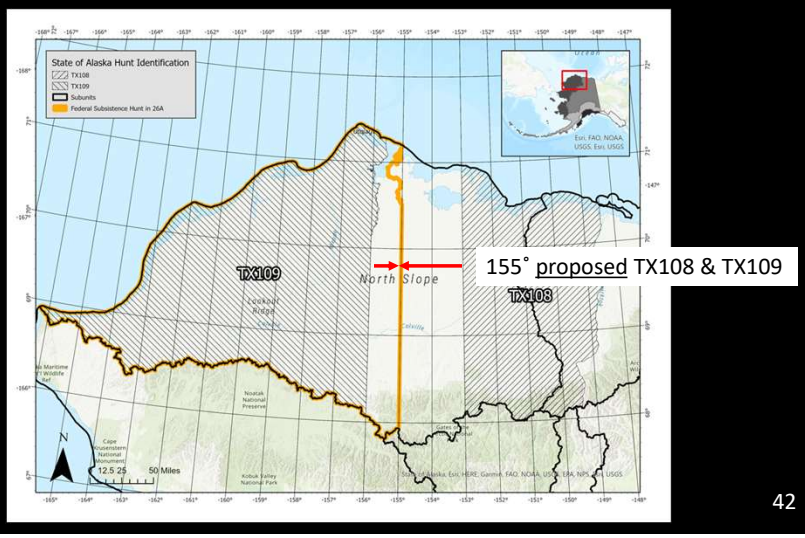
41

Proposal 157 Muskoxen/26A, 26B

Proposed boundaries



42

42

Proposal 157 Muskoxen/26A, 26B

Change the Tier II permit hunt area boundaries for TX108 and TX109

Proposed by: North Slope AC

Department Recommendation: Support with amendment

43

43

Proposal 158 Sheep/25A, 26B, 26C

Change nonresident sheep hunting within Arctic National Wildlife Refuge to drawing permit

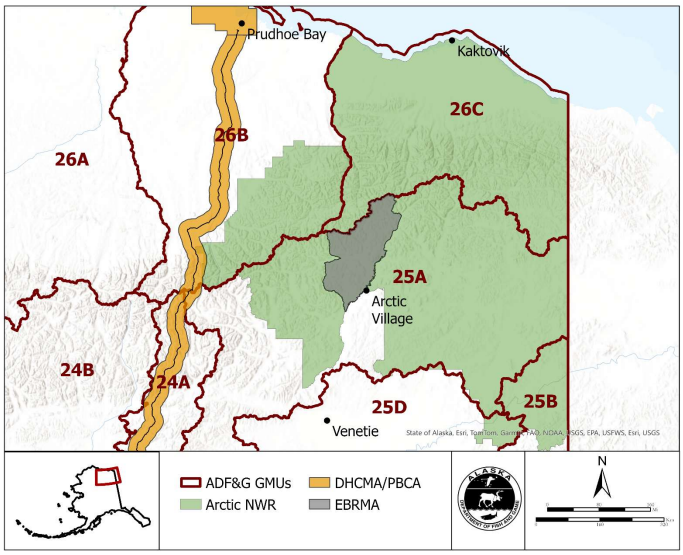
Proposed by: Public

Department Recommendation: Neutral

44

44

Proposal 158 Sheep/25A, 26B, 26C



45

45

Proposal 158 Sheep/25A, 26B, 26C

Proposal states

- **Up to 7 permits/ Arctic NWR**
- **No distinction between 2DK and guided**

46

46

Proposal 158 Sheep/25A, 26B, 26C

Proposal states
- Up to 7 permits/ Arctic NWR
- No distinction between 2DK and guided

Intent

- Up to 7 permits/ guide use area
  - 16 GUA = up to 112 permits
  - Guided nonresidents only
- Second-degree-kindred not included

47

47

Proposal 158 Sheep/25A, 26B, 26C

Current Regulations for nonresident hunters

Unit/Area	Bag Limit	Nonresident season dates (Permit/Hunt)
Unit 25A - that portion within the Eastern Brooks Range Management Area	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–20 September (Drawing permit)
Unit 26B - Within the Dalton Highway Corridor	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–5 October (Harvest ticket)
Unit 25A - Remainder Unit 26B - Remainder Unit 26C	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–20 September (Harvest ticket)

Not in Handy Dandy

48

48

Proposal 158 Sheep/25A, 26B, 26C

Current Regulations for nonresident hunters

Unit/Area	Bag Limit	Nonresident season dates (Permit/Hunt)
Unit 25A - that portion within the Eastern Brooks Range Management Area	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–20 September (Drawing permit)
Unit 26B - Within the Dalton Highway Corridor	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–5 October (Harvest ticket)
Unit 25A - Remainder Unit 26B - Remainder Unit 26C	One ram with full-curl horn or larger every 4 regulatory years	1–5 August (Harvest ticket, Youth hunt)
		10 August–20 September (Harvest ticket)

Drawing permit only for guided hunters

49

49

Proposal 158 Sheep/25A, 26B, 26C

Proposed regulations for nonresident hunters

- No other changes
  - Season length/bag limits
  - 2DK hunters - HT
  - Resident hunters - HT

50

50

Proposal 158 Sheep/25A, 26B, 26C

Proposed Regulations for nonresident hunters

Implementation

- Up to 112 permits available
- One permit for all areas?
- Smaller areas?
- Need to define in state regulation

51

51

Proposal 158 Sheep/25A, 26B, 26C

Full-curl strategy

- **Biologically conservative and sustainable**
  - **Oldest males only**
  - **Very small segment of population**
  - **Compensatory component**
  - **Self-limiting during population fluctuations**
  - **Maximizes opportunity**

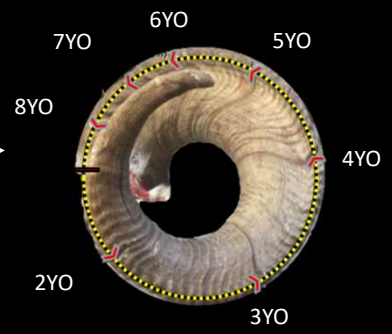
52

52

Proposal 158 Sheep/25A, 26B, 26C

Full-curl strategy

Legal for 2 previous seasons



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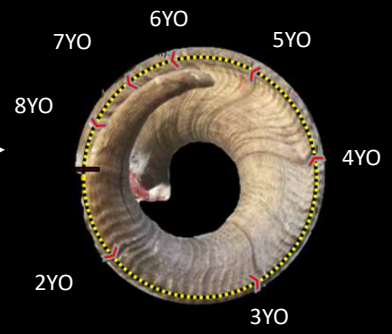
Proposal 158 Sheep/25A, 26B, 26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



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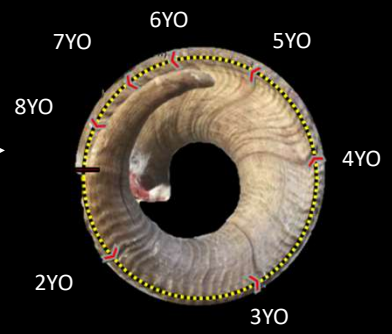
Proposal 158 Sheep/25A, 26B, 26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



- Research project underway

55

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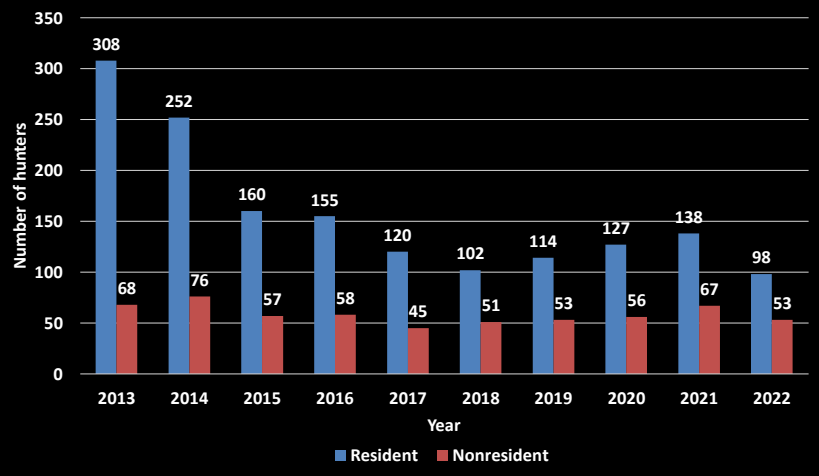
Proposal 158 Sheep/25A, 26B, 26C

Total hunters by residency – Arctic NWR



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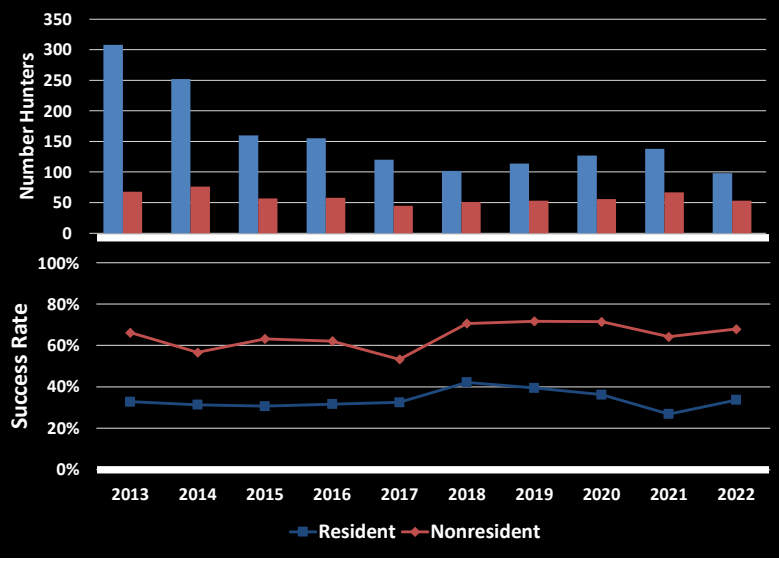
Proposal 158 Sheep/25A, 26B, 26C

Success rate by residency – Arctic NWR



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Proposal 158 Sheep/25A, 26B, 26C

Department comments

- Customary and traditional use
  - Positive
  - ANS = 75–125 in all Brooks Range

58

58

Proposal 158 Sheep/25A, 26B, 26C

Department comments

- Customary and traditional use
  - Positive finding
  - ANS = 75–125 in all Brooks Range

- Within Arctic NWR
  - 16 guide use areas (~12-14 sheep areas)
  - 10-year average of 58 nonresident hunters/year

59

59

Proposal 158 Sheep/25A, 26B, 26C

Department comments

- Full-curl strategy
  - No biological concern
  - Proposal will not influence sheep management

60

60

Proposal 158 Sheep/25A, 26B, 26C

Department comments

- Full-curl strategy
  - No biological concern
  - Proposal will not influence sheep management

- Proposal seeks to regulate hunting within NWR
- Does not align with GMUs

61

61

Proposal 158 Sheep/25A, 26B, 26C

Change nonresident sheep hunting within Arctic National Wildlife Refuge to drawing permit

Proposed by: Public

Department Recommendation: Neutral

62

62

Proposal 159 Sheep/25A

Open an archery-only season for sheep in the Eastern Brooks Range Management area and restrict airplane access

Proposed by: Public

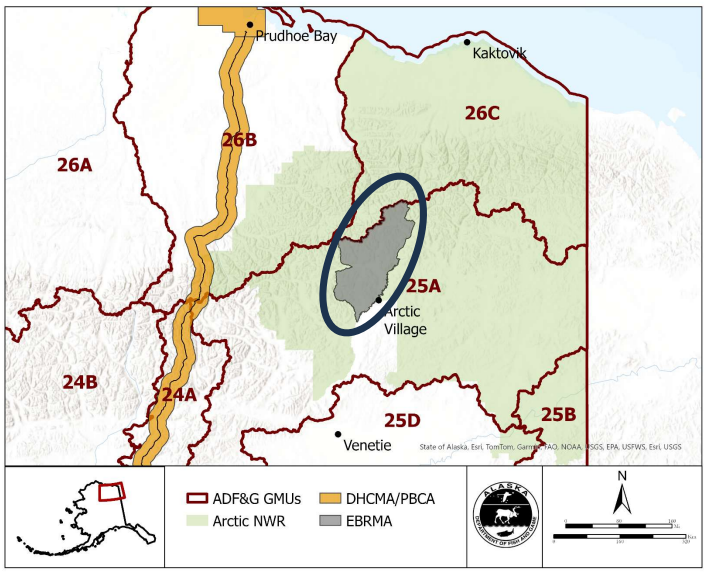
Department Recommendation:

- **Supports intent to increase access to the area**
- **Neutral on methods and means**

63

63

Proposal 159 Sheep/25A



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Proposal 159 Sheep/25A

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)	
		Resident	Nonresident
Unit 25A - that portion within the Eastern Brooks Range Management Area	One ram with full-curl horn or larger	1–5 August (Youth hunt)	
	One ram with full-curl horn or larger every 4 regulatory years	10 August–20 September (Drawing permit)	10 August–20 September (Drawing permit)
	One ram with 3/4 curl horn or larger every 4 regulatory years	8 October–30 April (Registration permit)	

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Proposal 159 Sheep/25A

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)	
		Resident	Nonresident
Unit 25A - that portion within the Eastern Brooks Range Management Area	One ram with full-curl horn or larger	1–5 August (Youth hunt)	
	One ram with full-curl horn or larger every 4 regulatory years	10 August–20 September (Drawing permit)	10 August–20 September (Drawing permit)
	One ram with 3/4 curl horn or larger every 4 regulatory years	8 October–30 April (RS595)	

Not currently listed in handy dandy because of federal closure

66

66

Proposal 159 Sheep/25A

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)	
		Resident	Nonresident
Unit 25A - that portion within the Eastern Brooks Range Management Area	One ram with full-curl horn or larger	1–5 August (Youth hunt)	
	One ram with full-curl horn or larger every 4 regulatory years	10 August–20 September (Drawing permit)	10 August–20 September (Drawing permit)
	One ram with 3/4 curl horn or larger every 4 regulatory years	8 October–30 April (RS595)	

- No methods and means restrictions
- No aircraft access restrictions (except RS595, spotting)
- EBRMA specific education required

- Federal closure to NFQU

67

67

Proposal 159 Sheep/25A

Proposed regulations

- Sheep hunting within EBRMA
  - Archery-only 10 August to 20 September
  - Season dates and bag limits unchanged
  - Drawing or registration
- Prohibit landing aircraft within hunt area

- Will not change federal closure

68

68

Proposal 159 Sheep/25A

- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range
- Reasonable opportunity?

69

69

Proposal 159 Sheep/25A

Full-curl strategy

- Biologically conservative and sustainable
  - Oldest males only
  - Very small segment of population
  - Compensatory component
  - Self-limiting during population fluctuations
  - Maximizes opportunity

70

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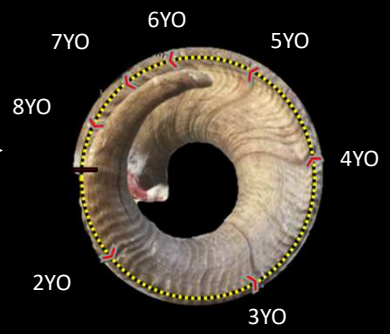
Proposal 159 Sheep/25A

Full-curl strategy

Legal for 2 previous seasons



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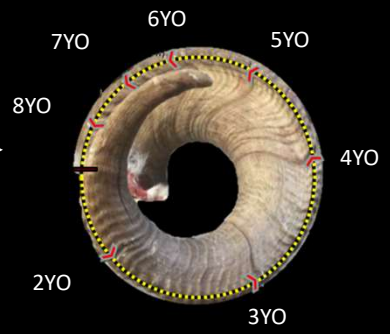
Proposal 159 Sheep/25A

Full-curl strategy

- **2016-2023 horn study**
- **61% rams legal >1 season**

Legal for 2 previous seasons



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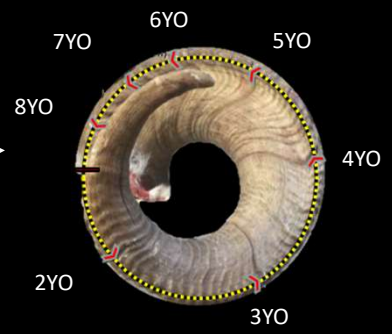
Proposal 159 Sheep/25A

Full-curl strategy

- **2016-2023 horn study**
- **61% rams legal >1 season**

Legal for 2 previous seasons



- **Research project underway**

73

73

Proposal 159 Sheep/25A

Open an archery-only season for sheep in the Eastern Brooks Range Management area and restrict airplane access

Proposed by: Public

Department Recommendation:

Supports intent to increase access to the area

Neutral on methods and means

74

74

Proposal 160 Sheep/26B, 26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC06

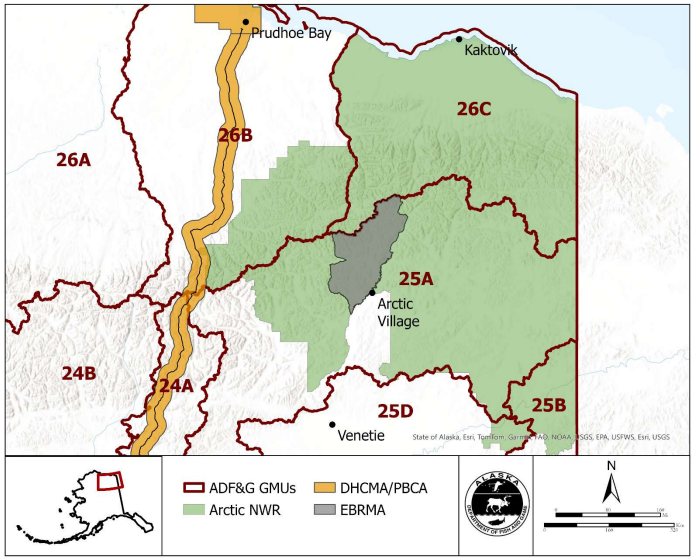
Proposed by: Public

Department Recommendation: Neutral

75

75

Proposal 160 Sheep/26B, 26C



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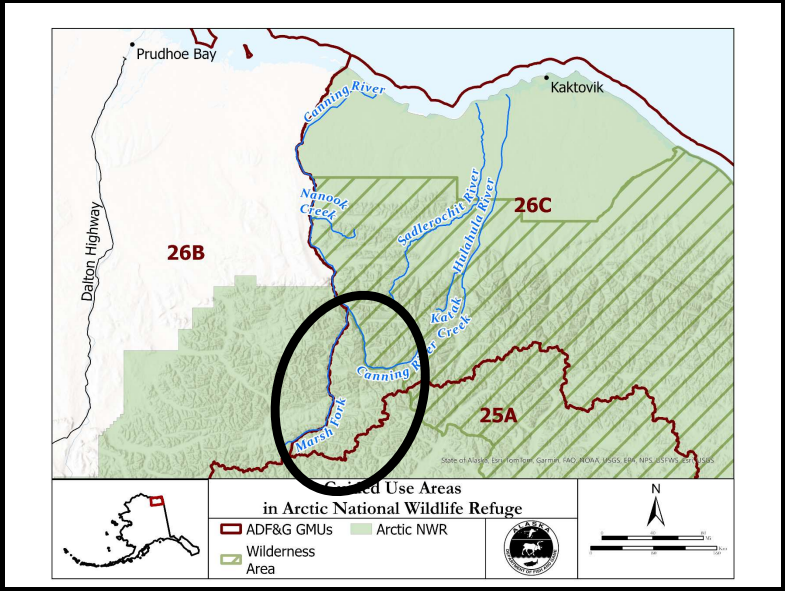
Proposal 160 Sheep/26B, 26C



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Proposal 160 Sheep/26B, 26C

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26B - remainder	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
	One ram with 3/4 curl horn or less	1 October–30 April (RS595)	

78

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Proposal 160 Sheep/26B, 26C

Proposed regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26B - remainder	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)

Archery only within ARC06 area

79

79

Proposal 160 Sheep/26B, 26C

Proponent's concerns

- Conservation
  - Archery hunts limit success
- Lack of archery-only areas
- Goal is widescale archery-only sheep hunting

80

80

Proposal 160 Sheep/26B, 26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

81

81

Proposal 160 Sheep/26B, 26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range

82

82

Proposal 160 Sheep/26B, 26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult
- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range
- **Harvest 2018–2022 AVG**
  - **26B* = 16 sheep (8 residents, 0 archery)**
  - **26C = 43 sheep (22 residents, <1 archery)**

83

83

Proposal 160 Sheep/26B, 26C

Department comments
Full-curl strategy

- **Biologically conservative and sustainable**
  - **Oldest males only**
  - **Very small segment of population**
  - **Compensatory component**
  - **Self-limiting during population fluctuations**
  - **Maximizes opportunity**

84

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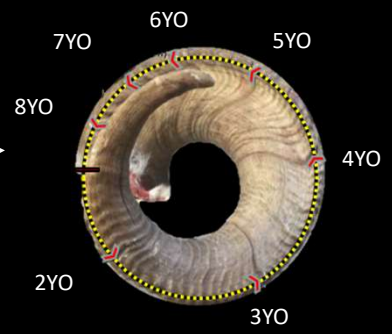
Proposal 160 Sheep/26B, 26C

Full-curl strategy

Legal for 2 previous seasons



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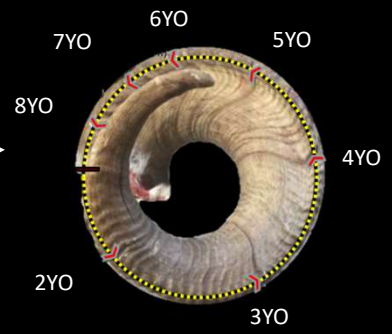
Proposal 160 Sheep/26B, 26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



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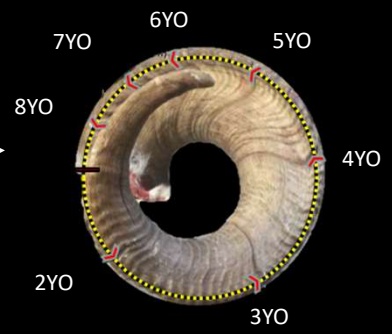
Proposal 160 Sheep/26B, 26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



- Research project underway

87

87

Proposal 160 Sheep/26B, 26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC06

Proposed by: Public

Department Recommendation: Neutral

88

88

Proposal 161 Sheep/26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC04

Proposed by: Public

Department Recommendation: Neutral

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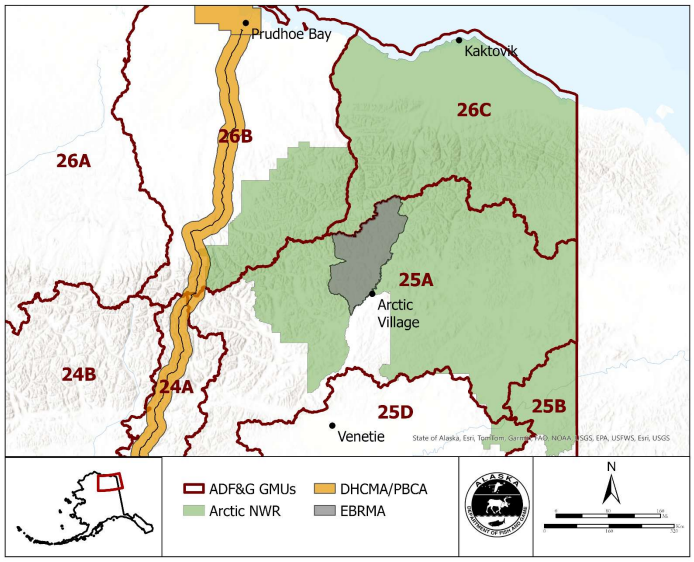
Proposal 161 Sheep/26C



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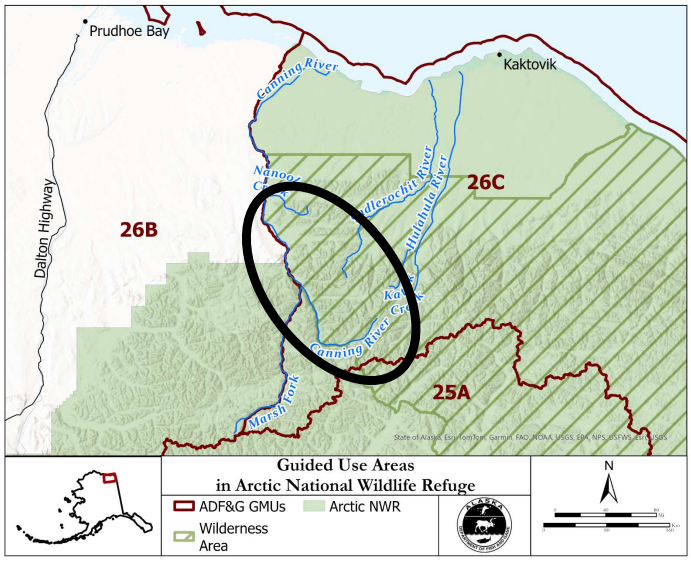
Proposal 161 Sheep/26C



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Proposal 161 Sheep/26C

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
	One ram with 3/4 curl horn or less	1 October–30 April (Registration permit)	

92

92

Proposal 161 Sheep/26C

Proposed regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
	One ram with 3/4 curl horn or less	1 October–30 April (RS595)	

Archery only within ARC04 area

93

93

Proposal 161 Sheep/26C

Proponent's concerns

- Conservation
  - Archery hunts limit success
- Lack of archery-only areas
- Goal is widescale archery-only sheep hunting

94

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Proposal 161 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

95

95

Proposal 161 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range

96

96

Proposal 161 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult
- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range
- **Harvest 2018–2022 AVG**
  - **26C = 43 sheep (22 residents, <1 archery)**

97

97

Proposal 161 Sheep/26C

Department comments

Full-curl strategy

- **Biologically conservative and sustainable**
  - **Oldest males only**
  - **Very small segment of population**
  - **Compensatory component**
  - **Self-limiting during population fluctuations**
  - **Maximizes opportunity**

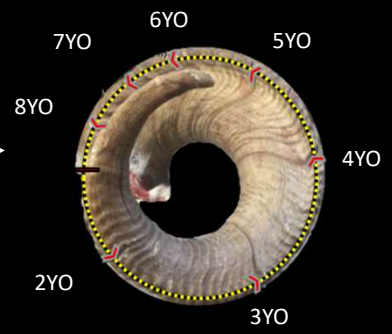
98

98

Proposal 161 Sheep/26C

Full-curl strategy

Legal for 2 previous seasons



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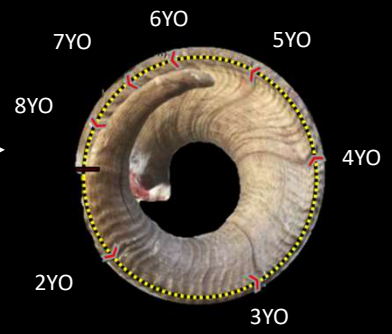
Proposal 161 Sheep/26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



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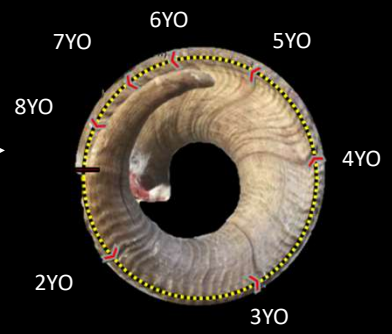
Proposal 161 Sheep/26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



- Research project underway

101

101

Proposal 161 Sheep/26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC04

Proposed by: Public

Department Recommendation: Neutral

102

102

Proposal 162 Sheep/26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC01

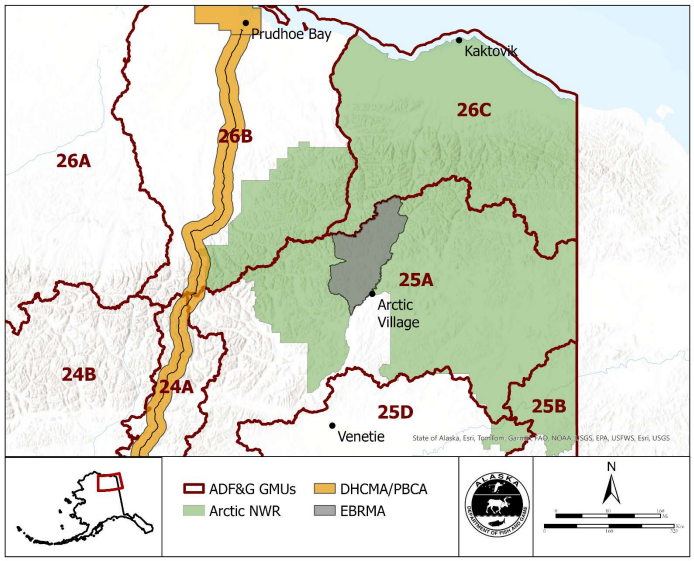
Proposed by: Public

Department Recommendation: Neutral

103

103

Proposal 162 Sheep/26C



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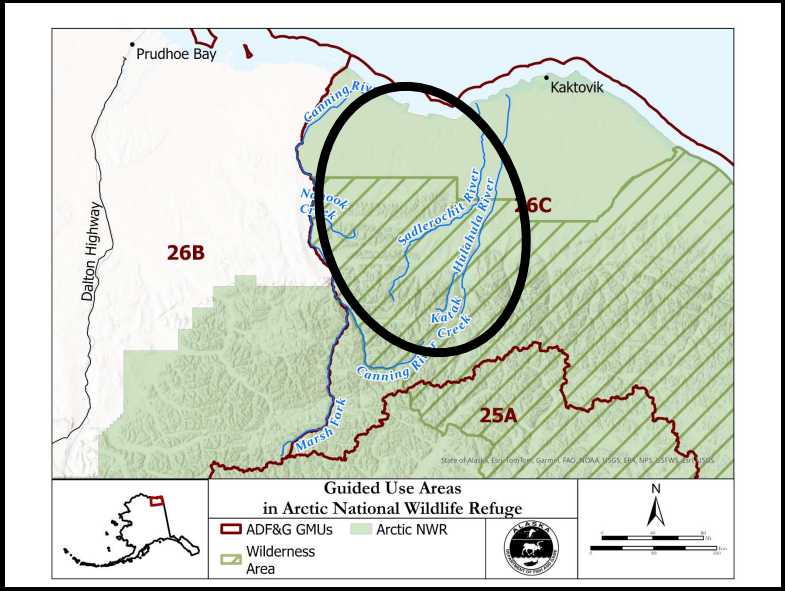
Proposal 162 Sheep/26C



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Proposal 162 Sheep/26C

Current regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
	One ram with 3/4 curl horn or less	1 October–30 April (Registration permit)	

106

106

Proposal 162 Sheep/26C

Proposed regulations – 26C

Unit/Area	Bag Limit	Open season (Permit/Hunt)	
		Resident	Nonresident
Unit 26C	One ram with full-curl horn or larger	1–5 August (Harvest ticket, Youth hunt)	
		10 August–20 September (Harvest ticket)	
	One ram with full-curl horn or larger every 4 regulatory years		1–5 August (Harvest ticket, Youth hunt)
			10 August–20 September (Harvest ticket)
	One ram with 3/4 curl horn or less	1 October–30 April (Registration permit)	

Archery only within ARC01 area

107

107

Proposal 162 Sheep/26C

Proponent's concerns

- Conservation
  - Archery hunts limit success
- Lack of archery-only areas
- Goal is widescale archery-only sheep hunting

108

108

Proposal 162 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

109

109

Proposal 162 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult

- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range

110

110

Proposal 162 Sheep/26C

Department comments

- Manage at GUA level
  - Do not manage at GUA level
  - Boundaries could change
  - Difficult to quantify harvest
  - Evaluation difficult
- Customary and traditional use
  - Positive finding
  - ANS = 75-125 in all Brooks Range
- **Harvest 2018–2022 AVG**
  - **26C = 43 sheep (22 residents, <1 archery)**

111

111

Proposal 162 Sheep/26C

Department comments

Full-curl strategy

- **Biologically conservative and sustainable**
  - **Oldest males only**
  - **Very small segment of population**
  - **Compensatory component**
  - **Self-limiting during population fluctuations**
  - **Maximizes opportunity**

112

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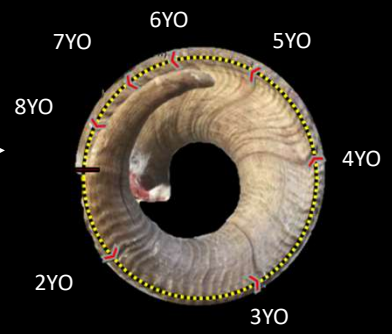
Proposal 162 Sheep/26C

Full-curl strategy

Legal for 2 previous seasons



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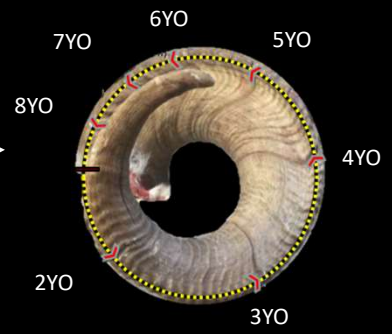
113

Proposal 162 Sheep/26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



114

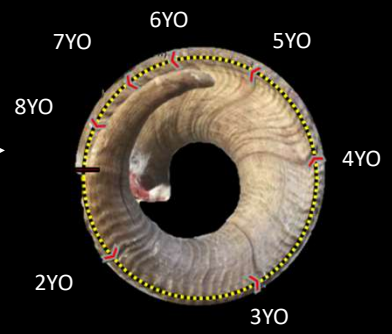
114

Proposal 162 Sheep/26C

Full-curl strategy

- 2016-2023 horn study
- 61% rams legal >1 season

Legal for 2 previous seasons



- Research project underway

115

115

Proposal 162 Sheep/26C

Change sheep hunting methods and means to archery-only in Arctic NWR guide use area ARC01

Proposed by: Public

Department Recommendation: Neutral

116

116

Proposal 163 Caribou/25B,25C,25D

Align salvage requirements for caribou in Unit 25 to require meat be left on bone

Proposed by: Public

Department Recommendation: Neutral

117

117

Proposal 163 Caribou/25B,25C,25D

Current Regulations

- 5 AAC 92.220 (3) – Salvage
  - … Unit 25(A)… the edible meat of the front quarters, hindquarters, and ribs must remain naturally attached to the bone until the meat has been transported from the field or is processed for human consumption

118

118

Proposal 163 Caribou/25B,25C,25D

Current Regulations

- 5 AAC 92.220 (3) - Salvage
  - … Unit 25(A)… the edible meat of the front quarters, hindquarters, and ribs must remain naturally attached to the bone until the meat has been transported from the field or is processed for human consumption

Proposed Regulations

- 5 AAC 92.220 (3)
  - Unit 25(B), 25(C), and 25(D) would be added

119

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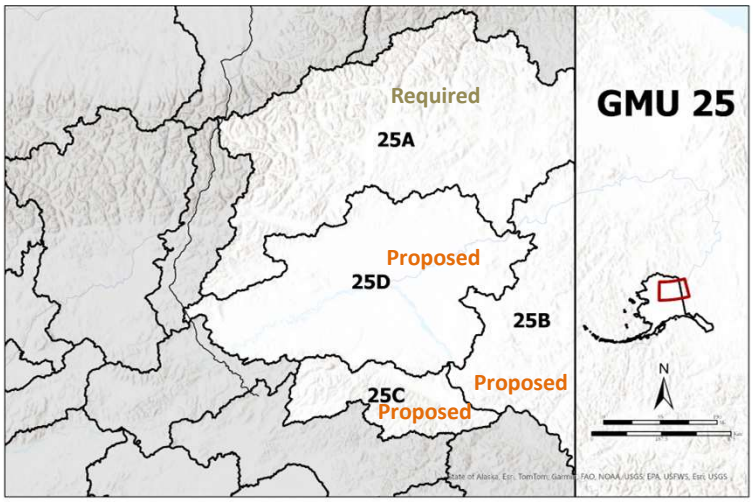
Proposal 163 Caribou/25B,25C,25D

Meat on bone regulations



120

120

Proposal 163 Caribou/25B,25C,25D

Proponent's concerns

- Hunters not salvaging meat properly
- Would prevent meat spoilage

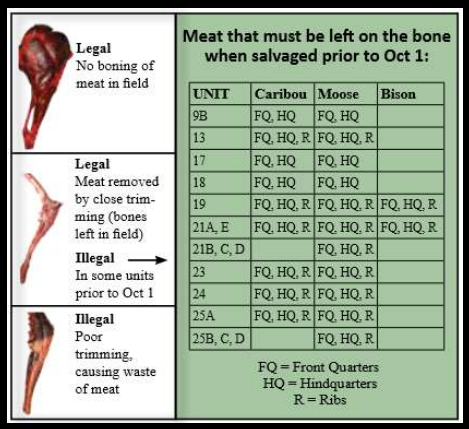
121

121

Proposal 163 Caribou/25B,25C,25D

Department comments – meat on bone

- Irregularly applied statewide (Units/Species)



Meat that must be left on the bone when salvaged prior to Oct 1:

UNIT	Caribou	Moose	Bison
9B	FQ, HQ	FQ, HQ	
13	FQ, HQ, R	FQ, HQ, R	
17	FQ, HQ	FQ, HQ	
18	FQ, HQ	FQ, HQ	
19	FQ, HQ, R	FQ, HQ, R	FQ, HQ, R
21A, E	FQ, HQ, R	FQ, HQ, R	FQ, HQ, R
21B, C, D		FQ, HQ, R	
23	FQ, HQ, R	FQ, HQ, R	
24	FQ, HQ, R	FQ, HQ, R	
25A	FQ, HQ, R	FQ, HQ, R	
25B, C, D		FQ, HQ, R	

FQ = Front Quarters
HQ = Hindquarters
R = Ribs

122

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Proposal 163 Caribou/25B,25C,25D

Department comments – meat on bone

- Irregularly applied statewide (Units/Species)
- Pros
  - Slowing decomposition
  - Prolonging time in field
  - Rigidity for handling/hanging

123

123

Proposal 163 Caribou/25B,25C,25D

Department comments – meat on bone

- Irregularly applied statewide (Units/Species)
- Pros
  - Slowing decomposition
  - Prolonging time in field
  - Rigidity for handling/hanging
- Cons
  - Extra weight
  - Difficulty fitting into airplanes

124

124

Proposal 163 Caribou/25B,25C,25D

Most likely to impact

- Fortymile caribou hunters
  - Unit 25C

125

125

Proposal 163 Caribou/25B,25C,25D

Most likely to impact

- Fortymile caribou hunters
  - Unit 25C
- Porcupine caribou hunters
  - Already required in 25A
  - Occasional harvest in 25B and 25D

126

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Proposal 163 Caribou/25B,25C,25D

Most likely to impact

- Fortymile caribou hunters
  - Unit 25C
- Porcupine caribou hunters
  - Already required in 25A
  - Occasional harvest in 25B and 25D

Unit	Caribou hunters (5-yr AVG)	Major transportation
25B	17/year	Boat
25C	5000/year	ATV, Highway vehicle
25D	10/year	Boat, Highway vehicle

127

127

Proposal 163 Caribou/25B,25C,25D

Department Comments

- No biological concerns
- Meat care is the responsibility of the hunter

128

128

Proposal 163 Caribou/25B,25C,25D

Align salvage requirements for caribou in Unit 25 to require meat be left on bone

Proposed by: Public

Department Recommendation: Neutral

129

129

Proposal 164 Moose & Caribou/25

Change salvage requirements for moose and caribou, require the liver, heart, and tongue to be salvaged in Unit 25

Proposed by: Public

Department Recommendation: Neutral

130

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Proposal 164 Moose & Caribou/25

Current Regulations

- 5 AAC 92.220 (d)
  - A person taking game… shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990

131

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Proposal 164 Moose & Caribou/25

Current Regulations

- 5 AAC 92.220 (d)
  - A person taking game… shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990
- 5 AAC 92.990 (26)
  - "edible meat" is defined in the case of a big game animal, except a bear, the meat of the ribs, neck, brisket, front quarters, hindquarters, and the meat along the backbone between the front and hindquarters…

132

132

Proposal 164 Moose & Caribou/25

Current Regulations

- 5 AAC 92.220 (d)
  - A person taking game… shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990
- 5 AAC 92.990 (26)
  - "edible meat" is defined in the case of a big game animal, except a bear, the meat of the ribs, neck, brisket, front quarters, hindquarters, and the meat along the backbone between the front and hindquarters…
  - "edible meat" does NOT include the meat of the head, meat that has been damaged and made inedible by the method taking, bones, sinew…

133

133

Proposal 164 Moose & Caribou/25

Proposed Regulations

- 5 AAC 92.220 (d)
  - A person taking game… shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990
- 5 AAC 92.990 (26)
  - "edible meat" is defined in the case of a big game animal, except a bear, the meat of the ribs, neck, brisket, front quarters, hindquarters, and the meat along the backbone between the front and hindquarters, <u>in addition to the above requirements, the liver, heart, and tongue of moose and caribou taken in Unit 25 must be salvaged</u>…

134

134

Proposal 164 Moose & Caribou/25

Proposed Regulations

- 5 AAC 92.220 (d)
  - A person taking game… shall salvage for human consumption all edible meat, as defined in 5 AAC 92.990
- 5 AAC 92.990 (26)
  - "edible meat" is defined in the case of a big game animal, except a bear, the meat of the ribs, neck, brisket, front quarters, hindquarters, and the meat along the backbone between the front and hindquarters, <u>in addition to the above requirements, the liver, heart, and tongue of moose and caribou taken in Unit 25 must be salvaged</u>…
  - "edible meat" does NOT include the meat of the head, meat that has been damaged and made inedible by the method taking, bones, sinew…

135

135

Proposal 164 Moose & Caribou/25

Current Regulations

- C&T worksheets describe customary and traditional use

136

136

Proposal 164 Moose & Caribou/25

Current Regulations

- C&T worksheets
  - PCH worksheet for Unit 25
    - "The caribou meat, the head, heart, and other organs, mesentery fat, bone marrow, and blood of caribou are variously used for human consumption"

137

137

Proposal 164 Moose & Caribou/25

Current Regulations

- C&T worksheets
  - PCH worksheet for Unit 25
    - "The caribou meat, the head, heart, and other organs, mesentery fat, bone marrow, and blood of caribou are variously used for human consumption"
  - Moose worksheet for Unit 25
    - "Moose are very thoroughly utilized by local hunters including meat, hide, long bones, head, organ meats, and intestines"

138

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Proposal 164 Moose & Caribou/25

Current Regulations

- C&T worksheets
  - PCH worksheet for Unit 25
    - "The caribou meat, the head, heart, and other organs, mesentery fat, bone marrow, and blood of caribou are variously used for human consumption"
  - Moose worksheet for Unit 25
    - "Moose are very thoroughly utilized by local hunters including meat, hide, long bones, head, organ meats, and intestines"

- The use of organ meat is not universally practiced

139

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Proposal 164 Moose & Caribou/25

Department comments

- Currently able to salvage these organs

140

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Proposal 164 Moose & Caribou/25

Department comments

- Currently able to salvage these organs
- Would not be legal as pet food

141

141

Proposal 164 Moose & Caribou/25

Department comments

- Currently able to salvage these organs
- Would not be legal as pet food
- Requiring hunters to donate organ meat is logistically challenging

142

142

Proposal 164 Moose & Caribou/25

Department comments

- Currently able to salvage these organs
- Would not be legal as pet food
- Requiring hunters to donate organ meat is logistically challenging
- No biological concerns

143

143

Proposal 164 Moose & Caribou/25

Change salvage requirements for moose and caribou, require the liver, heart, and tongue to be salvaged in Unit 25

Proposed by: Public

Department Recommendation: Neutral

144

144

Proposal 165 Moose/25D

Create an intensive management plan for moose in Unit 25D and allow same day airborne wolf hunting

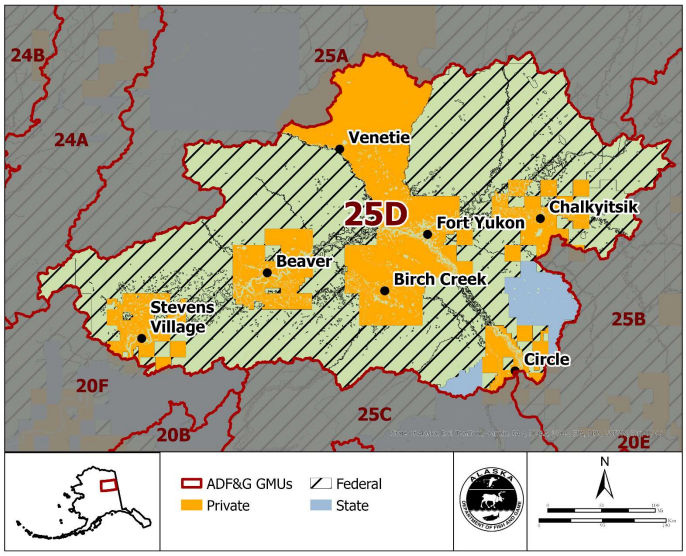
Proposed by: Yukon Flats Fish and Game AC

Department Recommendation: Opposed

145

145

Proposal 165 Moose/25D



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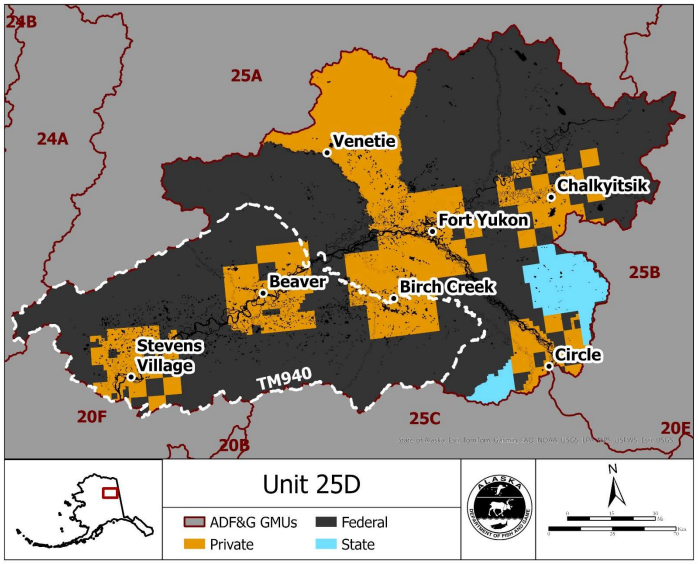
Proposal 165 Moose/25D



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Proposal 165 Moose/25D

Proponent concerns

- Low moose numbers in Yukon Flats
- Hard to find moose to harvest
- Like to find ways to reduce number of wolves

148

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Proposal 165 Moose/25D

IM objective 25D moose
- 10,000–15,000 population
- 600–1,500 harvest

149

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Proposal 165 Moose/25D

IM objective 25D moose
- 10,000–15,000 population
- 600–1,500 harvest

West

ANS
- 50–70 ANS

Current
- ~650 moose
- Surplus = 35 moose
- Harvest (18-22 AVG)
  - 15 moose
  - ~10 moose (potlach)

150

150

Proposal 165 Moose/25D

IM objective 25D moose
- 10,000–15,000 population
- 600–1,500 harvest

West

ANS
- 50–70 ANS

Current
- ~650 moose
- Surplus = 35 moose
- Harvest (18-22 AVG)
  - 15 moose
  - ~10 moose (potlach)

East

ANS
- 100–250 ANS

Current
- ~4000 moose in 25D
- Surplus = 200 moose
- Harvest (18-22 AVG)
  - 32 moose
  - ~10 moose (potlach)

151

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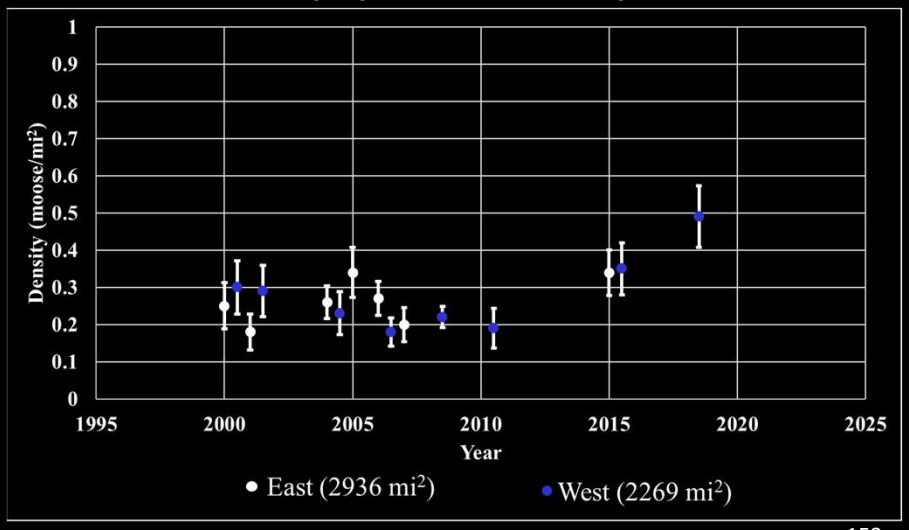
Proposal 165 Moose/25D

Unit 25D moose population density estimates



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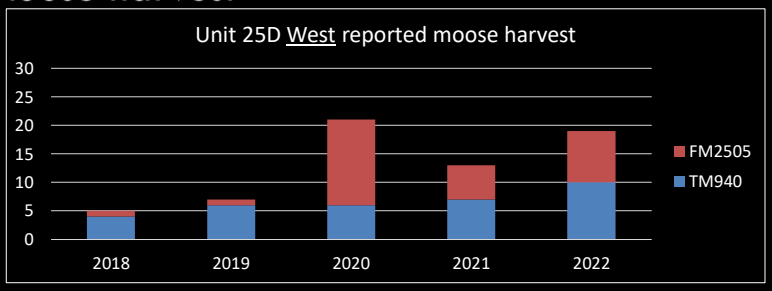
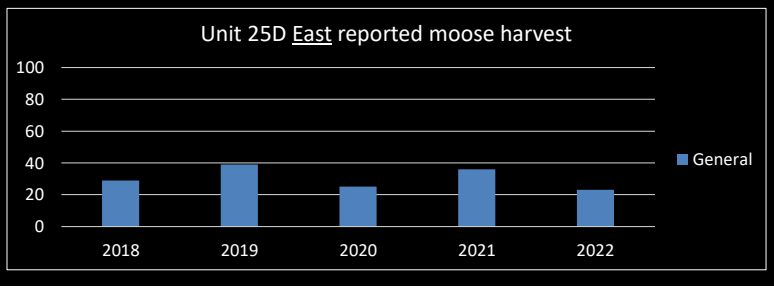
Proposal 165 Moose/25D

Moose harvest





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Proposal 165 Moose/25D

Wolf population

- Unit 25D/B survey in 2006
  - Survey area 18,850 mi^2
  - 12.7–13.3 wolves/1000 mi^2
  - 238–252 wolves
  - 4.6 wolves/pack
- Partial 25D survey in 2009
  - Survey area 8,580 mi^2 in western 25D
  - 11.4–13.9 wolves/1000 mi^2
  - 98–120 wolves
  - 4.6 wolves/pack

154

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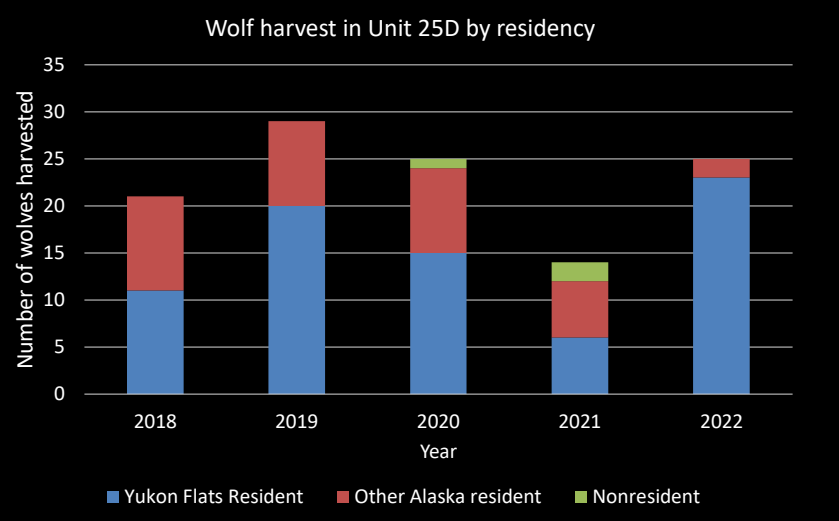
Proposal 165 Moose/25D



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Proposal 165 Moose/25D

Other predators - Black bears

- 2010 study
  - Portion of 25D West
  - 35–53.5 bears/100 mi^2
  - ~6,125 – 9,360 black bears
  - Harvest is unknown but likely very low

156

156

Proposal 165 Moose/25D

Other predators - Black bears

- 2010 study
  - Portion of 25D West
  - 35–53.5 bears/100 mi^2
  - ~6,125 – 9,360 black bears
  - Harvest is unknown but likely very low
- C&T
  - Positive finding (Unit 25)
  - ANS = 150–250
- Regulations
  - 5 black bears
  - No closed season

157

157

Proposal 165 Moose/25D

Other predators - Brown bears

- No population estimates available
- Best estimates available
  - 2.2 bears/ 100 mi^2
  - 385 grizzly bears
  - Harvestable surplus (8%) = 31 bears
  - Annual harvest is 6 bears (2 females, 4 males)

158

158

Proposal 165 Moose/25D

Other predators - Brown bears

- No population estimates available
- Best estimates available
  - 2.2 bears/ 100 mi^2
  - 385 grizzly bears
  - Harvestable surplus (8%) = 31 bears
  - Annual harvest is 6 bears (2 females, 4 males)

- C&T
  - Positive finding (Unit 25D)
  - ANS = None set

- Regulations
  - 2 bears
  - 1 July – 30 November, 1 March – 30 June (residents)

159

159

Proposal 165 Moose/25D

Current regulations

- AS 16.05.783(a), 5AAC92.085(8), and 5AAC92.095
  - Prohibits shooting wolves same day airborne unless under IM/PC plan

160

160

Proposal 165 Moose/25D

Department comments

- 2012 presented IM feasibility assessment to the Board

161

161

Proposal 165 Moose/25D

Department comments

- 2012 presented IM feasibility assessment to the Board
  - Department and Board determined an IM plan was not feasible
  - Land ownership was driving factor
    - 69% federal

162

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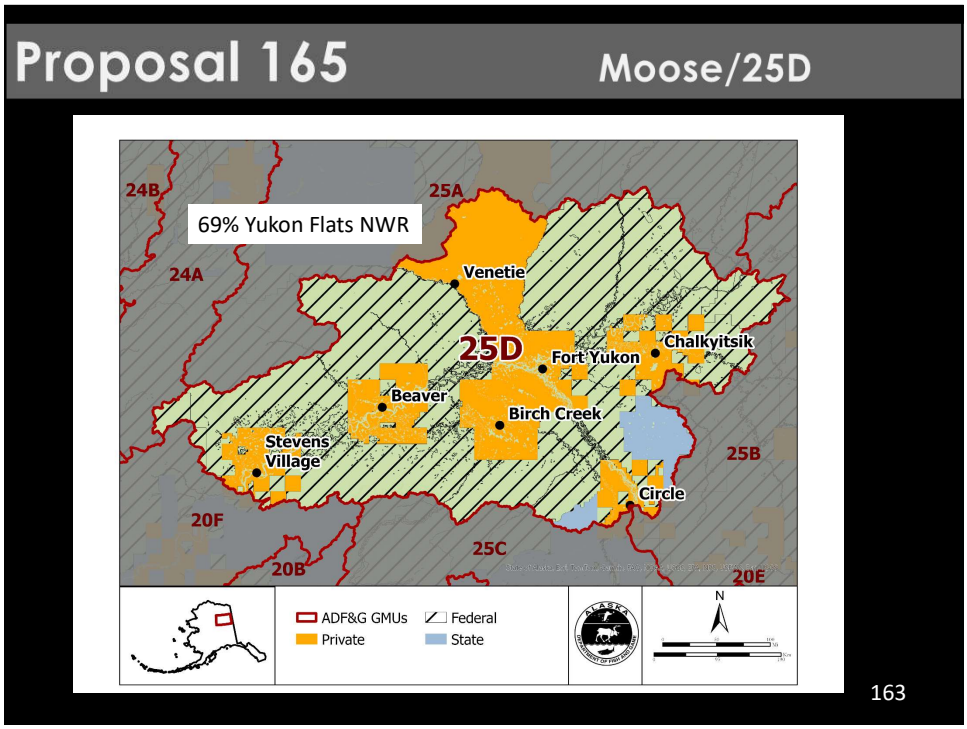
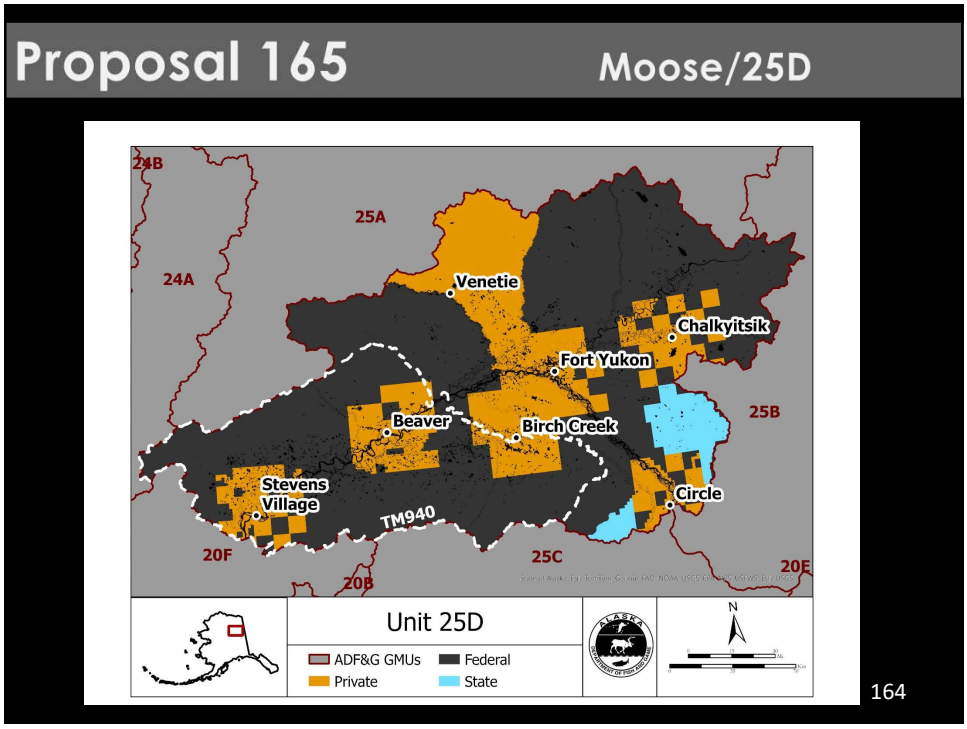

Proposal 165
Moose/25D
69% Yukon Flats NWR
24B
25A
24A
Venetie
25D
Fort Yukon
Chalkyitsik
Beaver
Birch Creek
Stevens Village
25B
Circle
20F
25C
20B
20E
ADF&G GMUs
Private
Federal
State
N
163

163


Proposal 165
Moose/25D
24B
25A
24A
Venetie
Chalkyitsik
Fort Yukon
25B
Beaver
Birch Creek
Stevens Village
Circle
TM940
20F
25C
20E
20B
Unit 25D
ADF&G GMUs
Private
Federal
State
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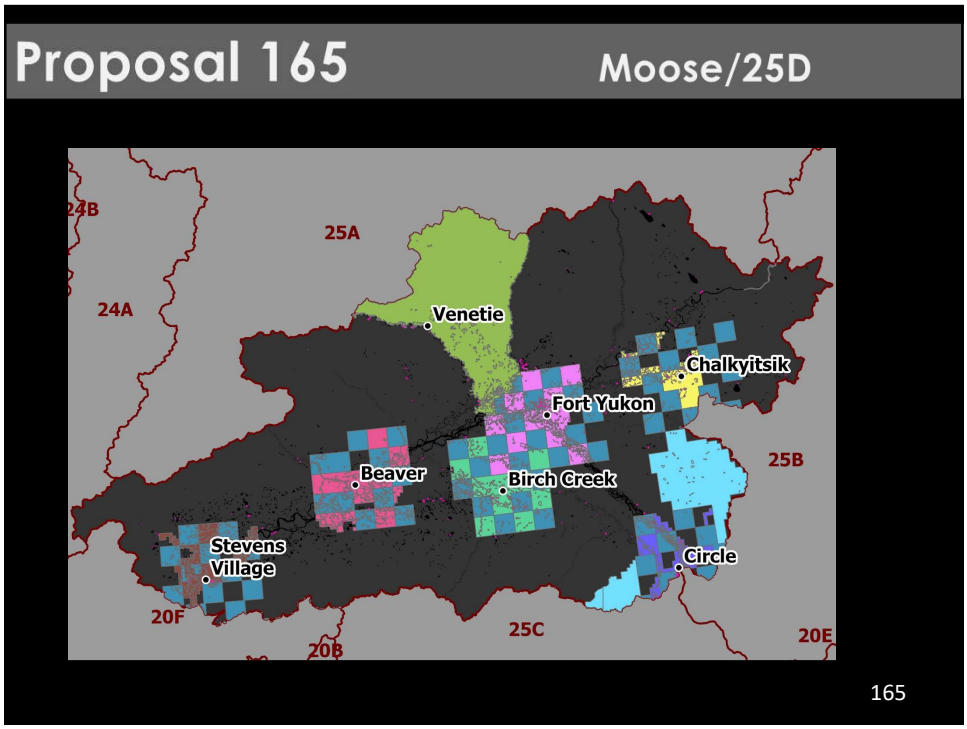
Proposal 165
Moose/25D
24B
25A
24A
Venetie
Chalkyitsik
Fort Yukon
25B
Beaver
Birch Creek
Stevens Village
Circle
20F
25C
20E
20B
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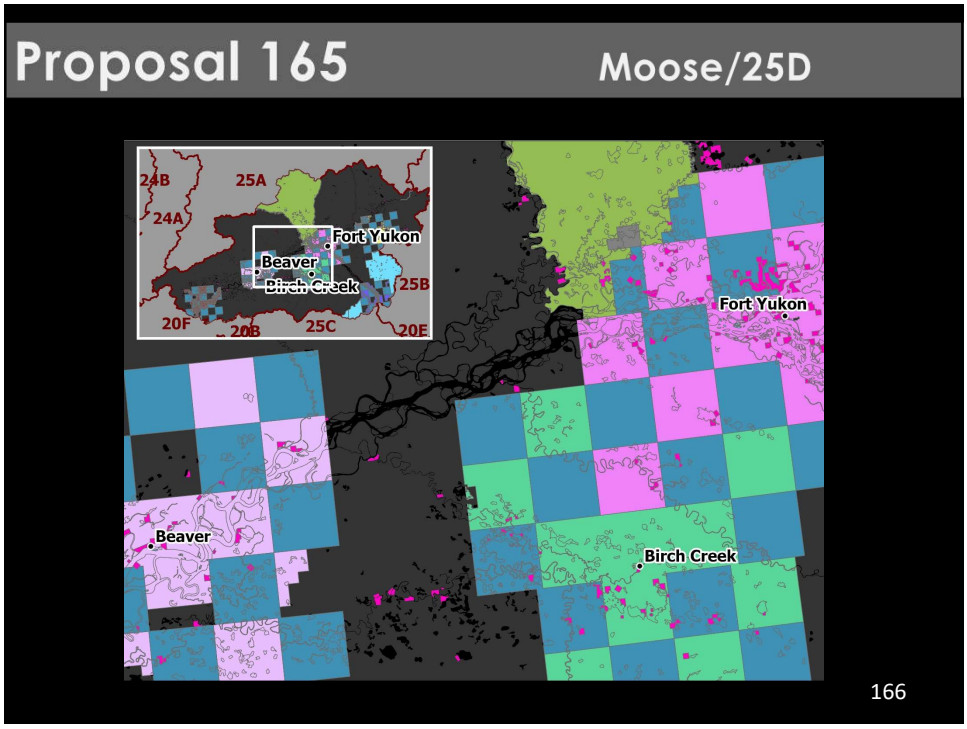

Proposal 165
Moose/25D
24B
25A
24A
Fort Yukon
Beaver
Birch Creek
25B
20F
20B
25C
20E
Fort Yukon
Beaver
Birch Creek
166

166

Proposal 165 Moose/25D

Department comments

- 2012 presented IM feasibility assessment to the Board
  - Department and Board determined an IM plan was not feasible
  - Land ownership was driving factor
    - 69% federal
- 2017 – proposal 112 SDA wolves
  - TNA – due to Federal Airborne Hunting Act

167

167

Proposal 165 Moose/25D

Department comments

- 2012 an IM feasibility assessment was presented to the Board
  - Department and Board determined an IM plan was not feasible
  - Land ownership was driving factor
    - 69% federal
- 2017 – proposal 112 SDA wolves
  - TNA – due to Federal Airborne Hunting Act
- Black bears density is high

168

168

Proposal 165 Moose/25D

Department comments

- 2012 an IM feasibility assessment was presented to the Board
  - Department and Board determined an IM plan was not feasible
  - Land ownership was driving factor
    - 69% federal
- 2017 – proposal 112 SDA wolves
  - TNA – due to Federal Airborne Hunting Act
- Black bears density is high
  - 2010 study
    - Portion of 25D West
    - 35–53.5 bears/100 mi^2
    - ~6,125 – 9,360 black bears
    - Harvest is unknown but likely very low

169

169

Proposal 165 Moose/25D

Department comments

- 2012 an IM feasibility assessment was presented to the Board
  - Department and Board determined an IM plan was not feasible
  - Land ownership was driving factor
    - 69% federal
- 2017 – proposal 112 SDA wolves
  - TNA – due to Federal Airborne Hunting Act
- Black bear density is high

- No change in landownership/regulations
  - Remain opposed

170

170

Proposal 165 Moose/25D

Create an intensive management plan for moose in Unit 25D and allow same day airborne wolf hunting

Proposed by: Yukon Flats Fish and Game AC

Department Recommendation: Opposed

171

171

Proposal 166 Bear/25D

Create a trapping season for black bears and grizzly bears in Unit 25D

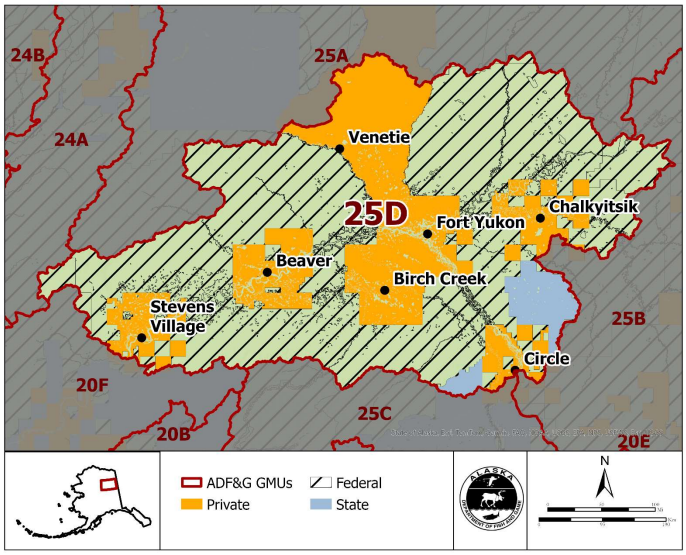
Proposed by: Public

Department Recommendation: Neutral

172

172

Proposal 166 Bear/25D



173

173

Proposal 166 Bear/25D

Current regulations

- 5 AAC 84.270 – Furbearer Trapping
  - No trapping season for black bear or grizzly bear

174

174

Proposal 166 Bear/25D

Current regulations

- 5 AAC 84.270 – Furbearer Trapping
  - No trapping season for black bear or grizzly bear
- 5 AAC 92.990(32) Definitions
  - "Furbearer" includes black bear but not grizzly bear
  - "big game" includes both

175

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Proposal 166 Bear/25D

Current regulations

- 5 AAC 84.270 – Furbearer Trapping
  - No trapping season for black bear or grizzly bear
- 5 AAC 92.990(32) Definitions
  - "Furbearer" includes black bear but not grizzly bear
  - "big game" includes both
- 5 AAC 92.080 (8) and 5 AAC 92.085 (6)
  - Using traps or snares are not legal methods of taking game
  - Exception for furbearers

176

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Proposal 166 Bear/25D

Department comments – black bears

- 2010 study
  - Portion of 25D West
  - 350–535 bears/1,000 mi^2
  - ~6,125 – 9,360 black bears
  - Harvest is unknown but likely very low

177

177

Proposal 166 Bear/25D

Department comments – black bears

- 2010 study
  - Portion of 25D West
  - 35–53.5 bears/100 mi^2
  - ~6,125 – 9,360 black bears
  - Harvest is unknown but likely very low

- C&T
  - Positive finding (Unit 25)
  - ANS = 150–250
  - Traditional and historical methods
    - "The use of snares was reported in several areas."

178

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Proposal 166 Bear/25D

Department comments – grizzly bears

- No population estimates available
- Best estimates available
  - 2.2 bears/ 100 mi^2
  - 385 grizzly bears
  - Harvestable surplus (8%) = 31 bears
- Annual harvest is 6 bears (2 females, 4 males)

179

179

Proposal 166 Bear/25D

Department comments – grizzly bears

- No population estimates available
- Best estimates available
  - 2.2 bears/ 100 mi^2
  - 385 grizzly bears
  - Harvestable surplus (8%) = 31 bears
- Annual harvest is 6 bears (2 females, 4 males)

- C&T
  - Positive finding (Unit 25D)
  - ANS = None set
  - Traditional and historical methods
    - Includes bows and arrow, snares, and rifles

180

180

Proposal 166 Bear/25D

Department comments

- Bear snaring
  - Bucket snares are indiscriminate
  - Species/sex/age
  - Catch cub with sow etc.

181

181

Proposal 166 Bear/25D

Department comments

- Bear snaring
  - Bucket snares are indiscriminate
  - Species/sex/age
  - Catch cub with sow etc.

- Board actions necessary to adopt
  - Define grizzly bears as furbearers
    - Or define legal methods and means
  - Set trapping season dates/bag limits

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Proposal 166 Bear/25D

Department comments

- Bear snaring
  - Bucket snares are indiscriminate
  - Species/sex/age
  - Catch cub with sow etc.
- Board actions necessary to adopt
  - Define grizzly bears as furbearers
    - Or define legal methods and means
  - Set trapping season dates
- Recommend by permit only
- Determine incidental catch expectations

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Proposal 166 Bear/25D

Create a trapping season for black bears and grizzly bears in Unit 25D

Proposed by: Public

Department Recommendation: Neutral

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Proposal 167 — Brown Bears/26B

Lengthen the nonresident brown bear season in 26B (DB987) by 15 days

Proposed by: Public

Department Recommendation: Neutral

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185

Proposal 167 — Brown Bears/26B

Proposed Regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)		
		Resident		Nonresident
Unit 26B - within Dalton Highway Corridor Management Area	One bear every regulatory year	RB988	RB989	DB987
		Aug 10-Dec 31	Jan 1 – May 31	
				~~Aug 25~~ Aug 10 – May 31
Unit 26B - Remainder	One bear every regulatory year	Aug 25 – Dec 31	Jan 1 – May 31	
				~~Aug 25~~ Aug 10 – May 31

186

186

Proposal 167 Brown Bears/26B

168 Proposed Regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)		
		Resident		Nonresident
		RB988	RB989	DB987
Unit 26B - within Dalton Highway Corridor Management Area	One bear every regulatory year	Aug 10-Dec 31	Jan 1 – ~~May 31~~ June 15	
				~~Aug 25~~ Aug 10 – May 31 (DB987)
Unit 26B - Remainder	One bear every regulatory year	~~Aug 25~~ Aug 10 – Dec 31	Jan 1 – ~~May 31~~ June15	
				~~Aug 25~~ Aug 10 – May 31 (DB987)

187

187

Proposal 167 Brown Bears/26B

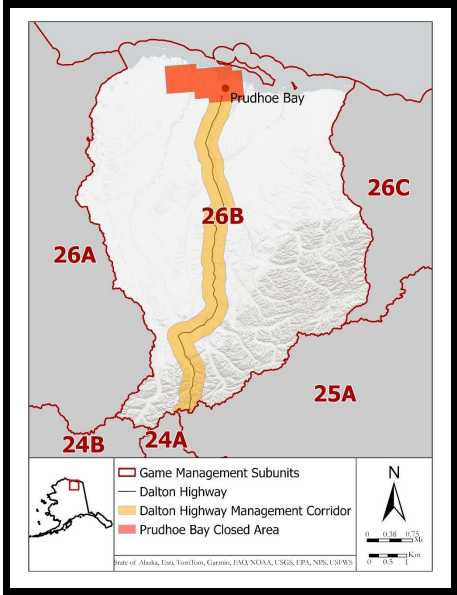
169 Proposed Regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)	
		Resident	
		~~RB988~~	~~RB989~~
Unit 26B - within Dalton Highway Corridor Management Area	One bear every regulatory year	Aug 10-Dec 31	Jan 1 – May 31
Unit 26B - Remainder	One bear every regulatory year	Aug 25 – Dec 31	Jan 1 – May 31

188

188

Proposal 167 — Brown Bears/26B



Background

Positive C&T

- Combined ANS in Units 23, 24 and 26, of 25-35 animals

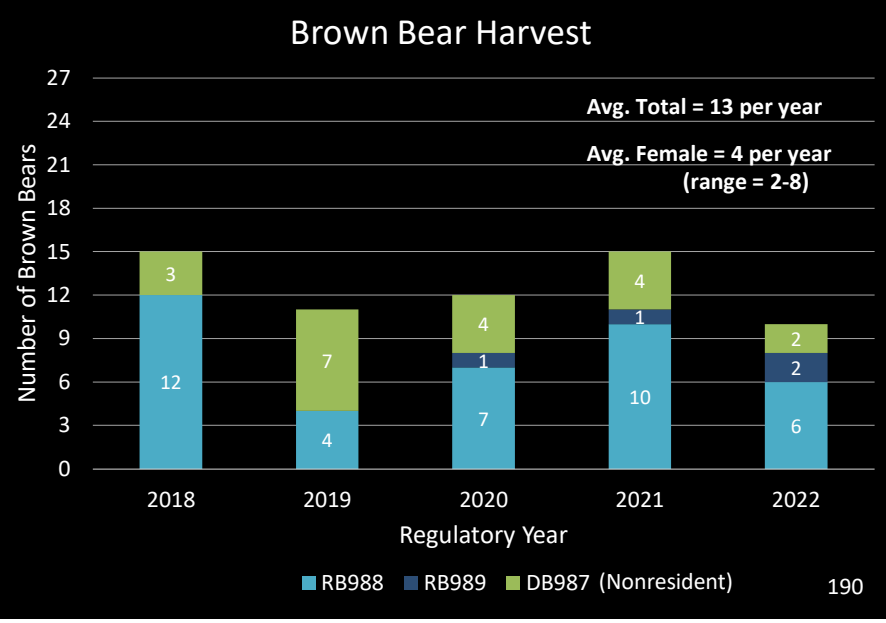
Management Objective

- Up to 27 brown bears
  - No more than 12 females
  - Evaluated on a 3–year average
- 243-423 population estimate (2003)

189

189

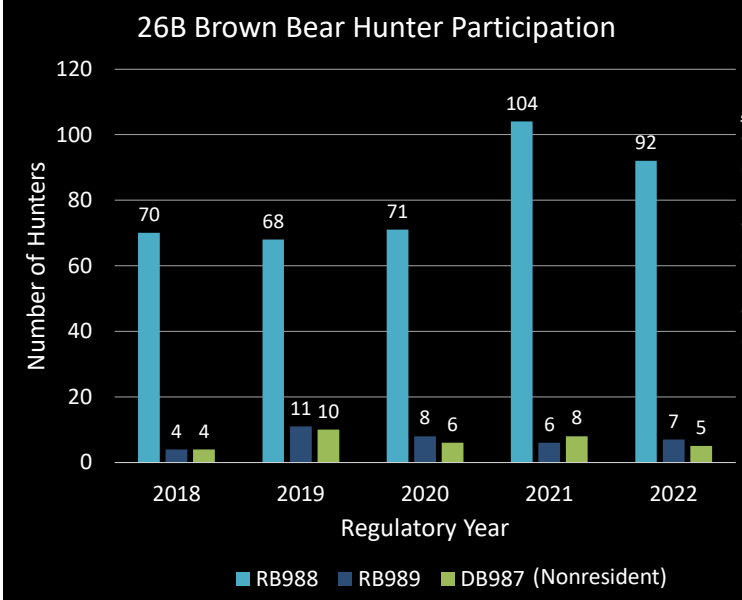
Proposal 167 — Brown Bears/26B



190

190

Proposal 167 — Brown Bears/26B

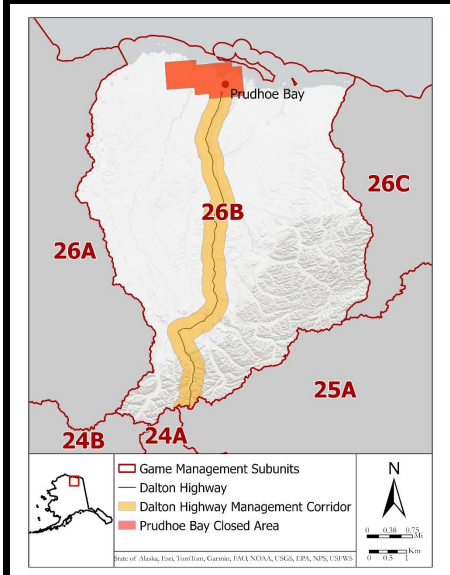


Avg. Hunters per year
- RB988 = 81 (10% success rate)
- RB989 = 7 (14% success rate)
- DB987 = 7 (57% success rate).

191

191

Proposal 167 — Brown Bears/26B



Other Seasons in 26B

- Sheep:
  Aug 10-Sept 20
  - 100% of DB987 taken w/in sheep hunt period
- Low hunting pressure

192

192

Proposal 167 — Brown Bears/26B

Lengthen the nonresident brown bear season in 26B (DB987) by 15 days

Proposed by: Public

Department Recommendation: Neutral

193

193

Proposal 168 — Brown Bears/26B

Extend the brown bear seasons RB988, RB989 (26B remainder), and DB987 by 15 days

Proposed by: Public

Department Recommendation: Support

194

194

Proposal 168 — Brown Bears/26B

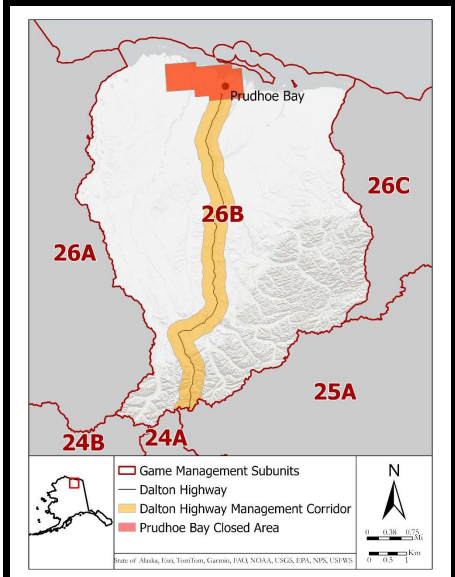
Proposed Regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)		
		Resident		Nonresident
		RB988	RB989	DB987
Unit 26B - within Dalton Highway Corridor Management Area	One bear every regulatory year	Aug 10-Dec 31	Jan 1 – ~~May 31~~ June 15	
				~~Aug 25~~ Aug 10 – May 31 (DB987)
Unit 26B - Remainder	One bear every regulatory year	~~Aug 25~~ Aug 10 – Dec 31	Jan 1 – ~~May 31~~ June15	
				~~Aug 25~~ Aug 10 – May 31 (DB987)

195

195

Proposal 168 — Brown Bears/26B



Background

Positive C&T

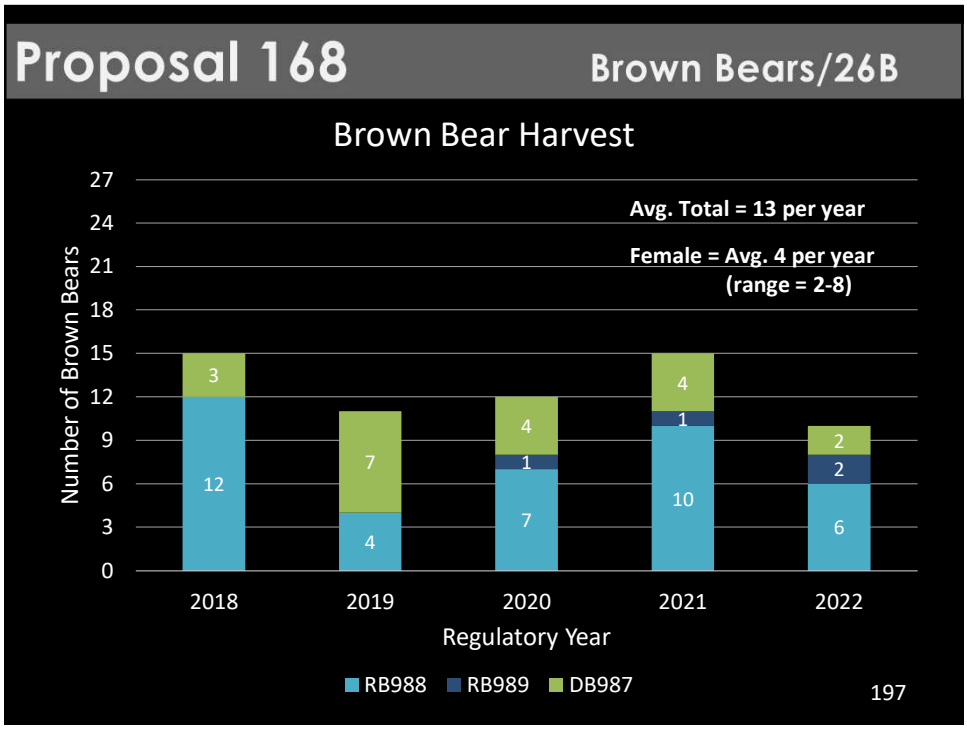
- Combined ANS in Units 23, 24 and 26, of 25-35 animals

Management Objective

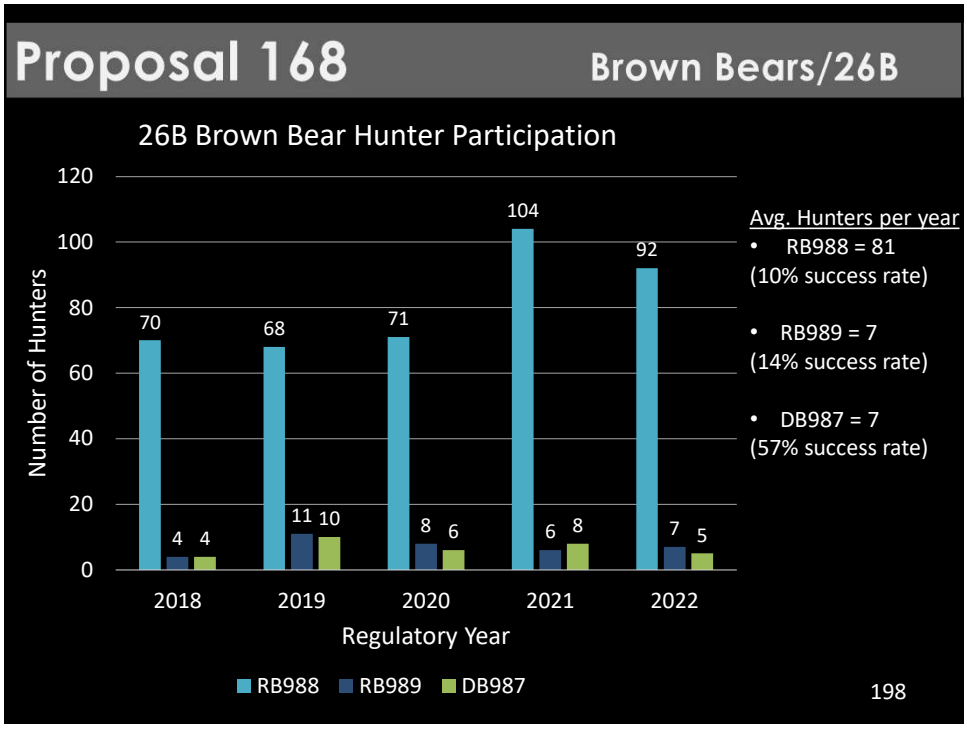
- Up to 27 brown bears
  - No more than 12 females
  - Evaluated on a 3–year average
- 243-423 population estimate (2003)

196

196

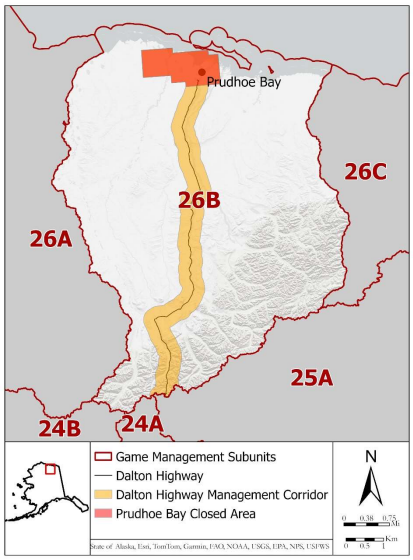

Proposal 168
Brown Bears/26B
Brown Bear Harvest
Avg. Total = 13 per year
Female = Avg. 4 per year
(range = 2-8)
Number of Brown Bears
27
24
21
18
15
12
9
6
3
0
3
12
7
4
4
1
7
4
1
10
2
2
6
2018
2019
2020
2021
2022
Regulatory Year
RB988
RB989
DB987
197

197


Proposal 168
Brown Bears/26B
26B Brown Bear Hunter Participation
Number of Hunters
120
100
80
60
40
20
0
70
4
4
68
11
10
71
8
6
104
6
8
92
7
5
2018
2019
2020
2021
2022
Regulatory Year
RB988
RB989
DB987
Avg. Hunters per year
• RB988 = 81
(10% success rate)
• RB989 = 7
(14% success rate)
• DB987 = 7
(57% success rate)
198

198

Proposal 168 — Brown Bears/26B



Other Seasons in 26B

- Sheep:
  Aug 10-Sept 20
  - 99% of RB988 and 100% of DB987 taken w/in sheep hunt period
- Low hunting pressure

199

199

Proposal 168 — Brown Bears/26B

Extend the brown bear seasons RB988, RB989 (26B remainder), and DB987 by 15 days

Proposed by: Public

Department Recommendation: Support

200

200

Proposal 169 — Brown Bears/26B

Remove the resident registration permits RB988 and RB989 for brown bear in unit 26B

Proposed by: ADF&G

Department Recommendation: Support

201

201

Proposal 169 — Brown Bears/26B

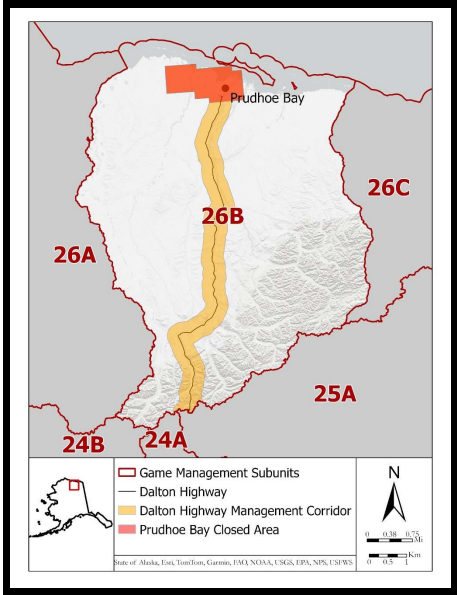
Proposed Regulations

Unit/Area	Bag Limit	Open season (Permit/Hunt#)	
		Resident	
		~~RB988~~	~~RB989~~
Unit 26B - within Dalton Highway Corridor Management Area	One bear every regulatory year	Aug 10-Dec 31	Jan 1 – May 31
Unit 26B - Remainder	One bear every regulatory year	Aug 25 – Dec 31	Jan 1 – May 31

202

202

Proposal 169 — Brown Bears/26B



Background

Management Objective

- Up to 27 brown bears
  - No more than 12 females
  - Evaluated on a 3–year average
- 243-423 population estimate (2003)

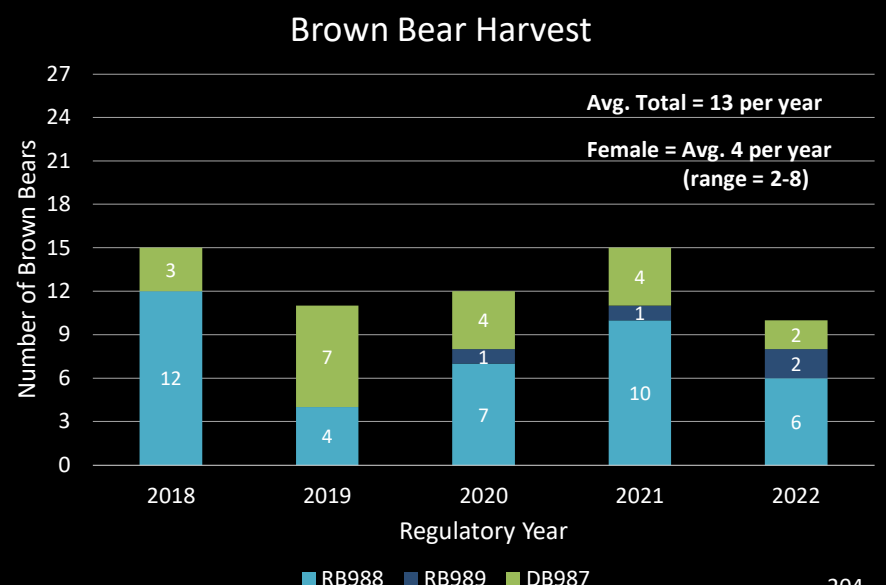
Positive C&T

- Combined ANS in Units 23, 24 and 26, of 25-35 animals

203

203

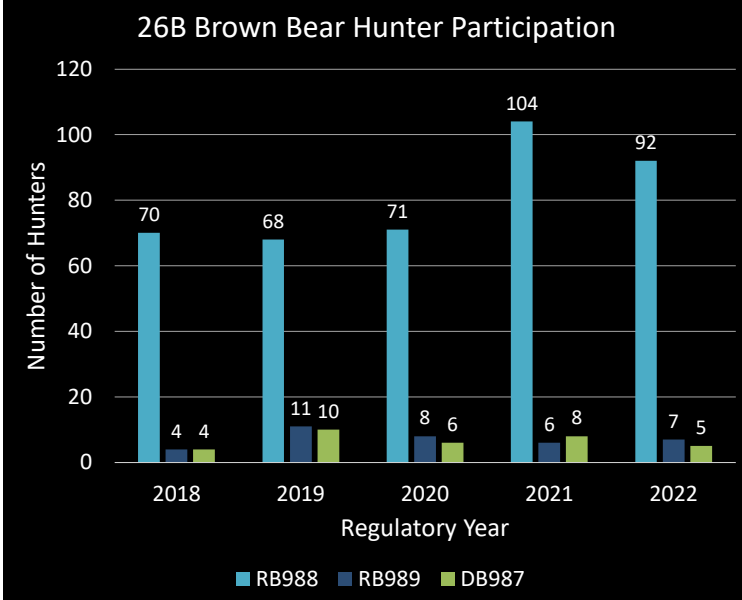
Proposal 169 — Brown Bears/26B



204

204

Proposal 169 — Brown Bears/26B

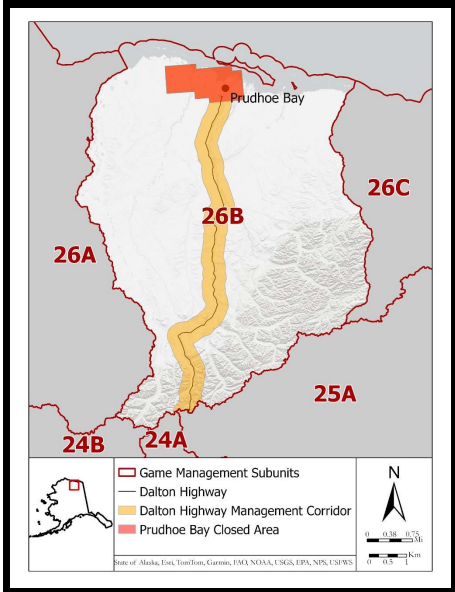


Average Hunters
- RB988 = 81 (10% success rate)
- RB989 = 7 (14% success rate)
- DB987 = 7 (57% success rate).

205

205

Proposal 169 — Brown Bears/26B



Conclusion

- Low hunting pressure
- Harvestable surplus with a restrictive harvest
  - Increase hunting opportunity

206

206

Proposal 169 — Brown Bears/26B

Remove the resident registration permits RB988 and RB989 for brown bear in unit 26B

Proposed by: ADF&G

Department Recommendation: Support

207

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Proposal 170 — Wolverine/25A

Lengthen the wolverine trapping season in Unit 25A by two weeks to close on April 15

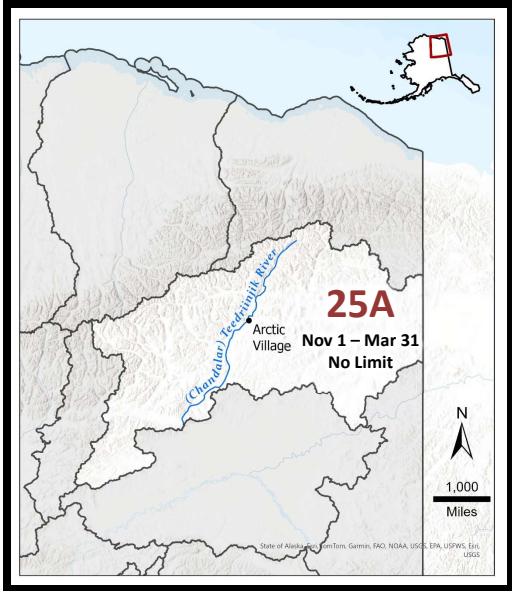
Proposed by: Public

Department Recommendation: Support

208

208

Proposal 170 — Wolverine/25A



Background

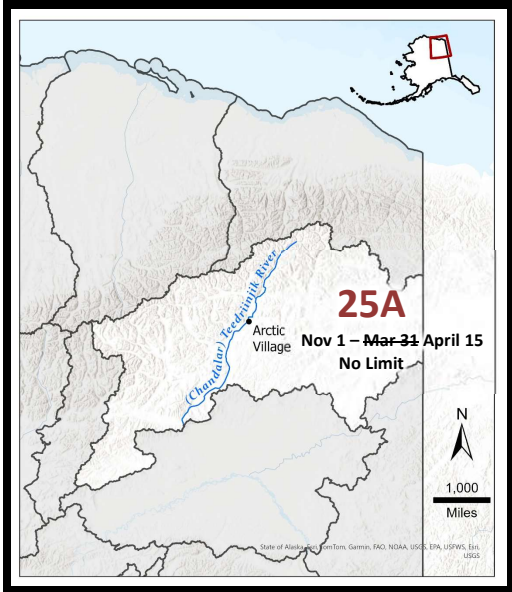
Trapping season

Nov 1 – Mar 31
Bag Limit: No Limit

209

209

Proposal 170 — Wolverine/25A



Background

Trapping season

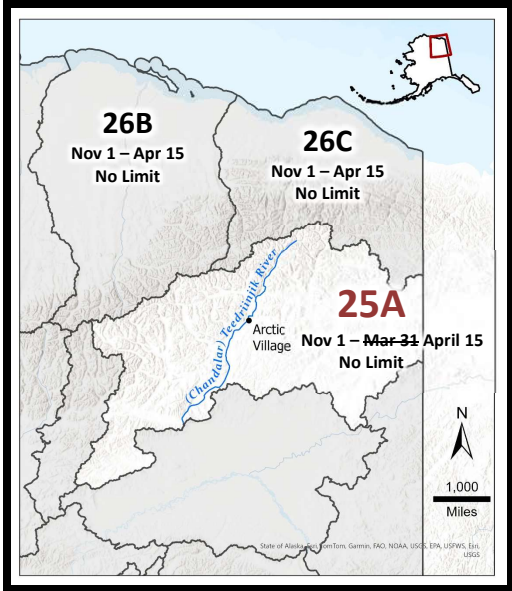
Nov 1 – Mar 31
Bag Limit: No Limit

Proposed: Nov 1 – April 15

210

210

Proposal 170 — Wolverine/25A



Background

Trapping season

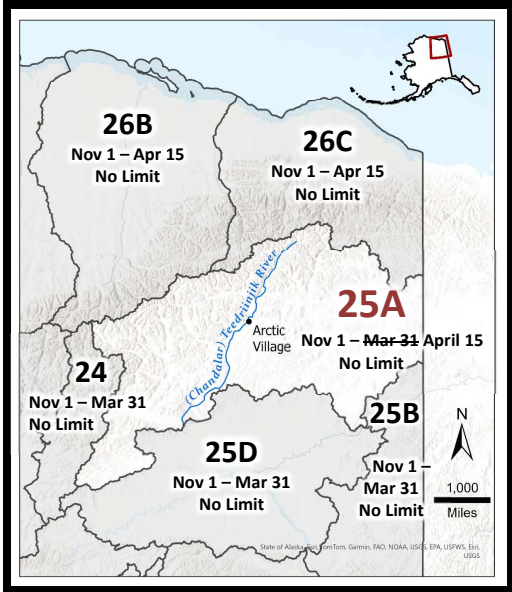
Nov 1 – Mar 31
Bag Limit: No Limit

Proposed: Nov 1 – April 15

211

211

Proposal 170 — Wolverine/25A



Background

Trapping season

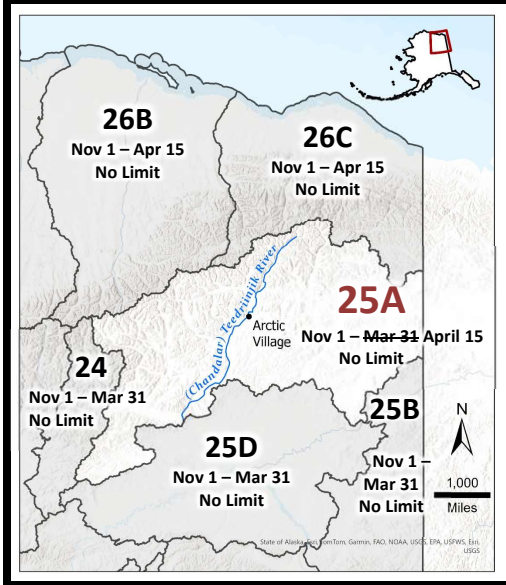
Nov 1 – Mar 31
Bag Limit: No Limit

Proposed: Nov 1 – April 15

212

212

Proposal 170 — Wolverine/25A



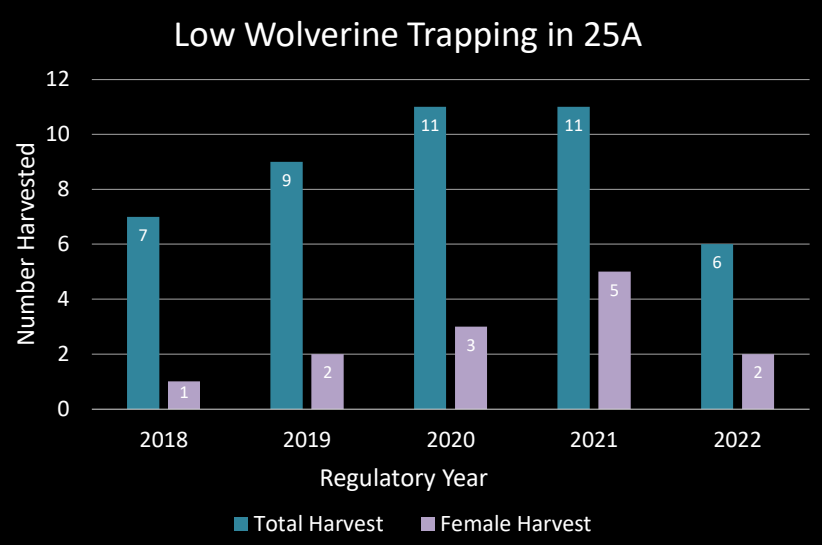
Management

- No active surveying program
- Abundance unknown and trends from sealing records
- Low harvest pressure

213

213

Proposal 170 — Wolverine/25A



5-year Average wolverine Harvest in 25A: 9 total, 3 females

214

214

Proposal 170 Wolverine/25A

Background

Biology

- Kits are born in February and early March
- Dependent on breeding female until May

Management considerations

- Breeding females may be more vulnerable to spring trapping
- Orphaned kits
- Pelt quality
  - Winter length throughout unit
- Low harvest pressure

215

215

Proposal 170 Wolverine/25A

Lengthen the wolverine trapping season in Unit 25A by two weeks to close on April 15

Proposed by: Public

Department Recommendation: Support

216

216