Proposal 51 — Unit 11/13D Bison

Expand the DI454 bison hunt area in Units 11 and 13D

Department Recommendation: **NEUTRAL** on expanding the hunt area and recommends **AMENDING** the proposal to increase the number of permits available.

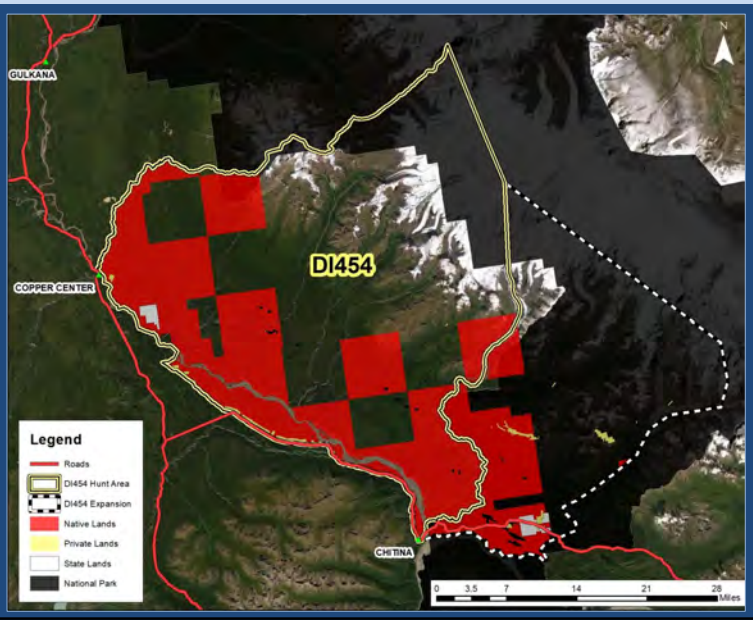
Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

51-1

1

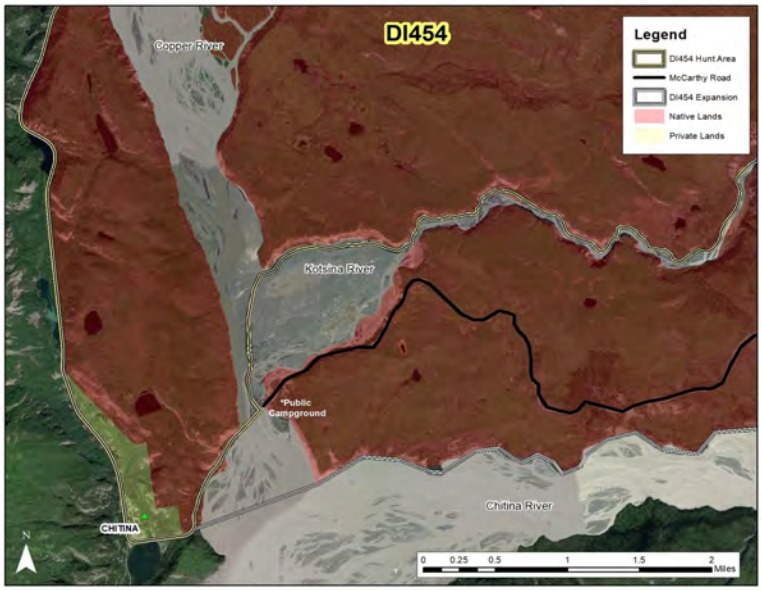
Proposal 51 — Unit 11/13D Bison



51-2

2

Proposal 51 Unit 11/13D Bison



51-3

3

Proposal 51 Unit 11/13D Bison

Year[a]	Herd Minimum Count	DI454 Permits Issued[b]	Total Harvest	Hunter Success	% Female in Harvest
2016[c]	196	24	11	65%	45%
2017	225	30	12	80%	50%
2018[c]	159	46	19	58%	11%
2019	146	25	15	79%	27%
2020	No Count	25	14	88%	29%
2021[c]	156[d]	24	TBD	TBD	TBD

[a] Surveys are conducted in the spring of the calendar year and harvest occurs in the fall, which coincides with Regulatory Year.
[b] Hunters are asked to notify ADF&G with intent to hunt; if a draw winner indicates that they will not hunt then their permit is closed out and a permit is issued to the next winner on the draw list.
[c] Includes SI454 hunt results in total harvest, hunter success, and % females in harvest.
[d] Evidence suggests that roughly 50 animals were missed in the trees and population minimum is more likely 200 animals.

41-4

4

Proposal 51 — Unit 11/13D Bison

Expanding the boundary may:

- Provide road hunt opportunity on private/native lands if trespass permits are offered in the future
- Impact localized bison presence and decrease viewing opportunities if trespass permits are offered in the future

51-5

5

Proposal 51 — Unit 11/13D Bison

Expand the DI454 bison hunt area in Unit 11

Department Recommendation: **NEUTRAL** on expanding the hunt area and recommends **AMENDING** the proposal to increase the number of permits available.

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

51-6

6

Proposal 209 — Unit 11/13D Bison

Increase allowable permits for Copper River bison herd

Department Recommendation: **Support**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

209-1

7

Proposal 209 — Unit 11/13D Bison

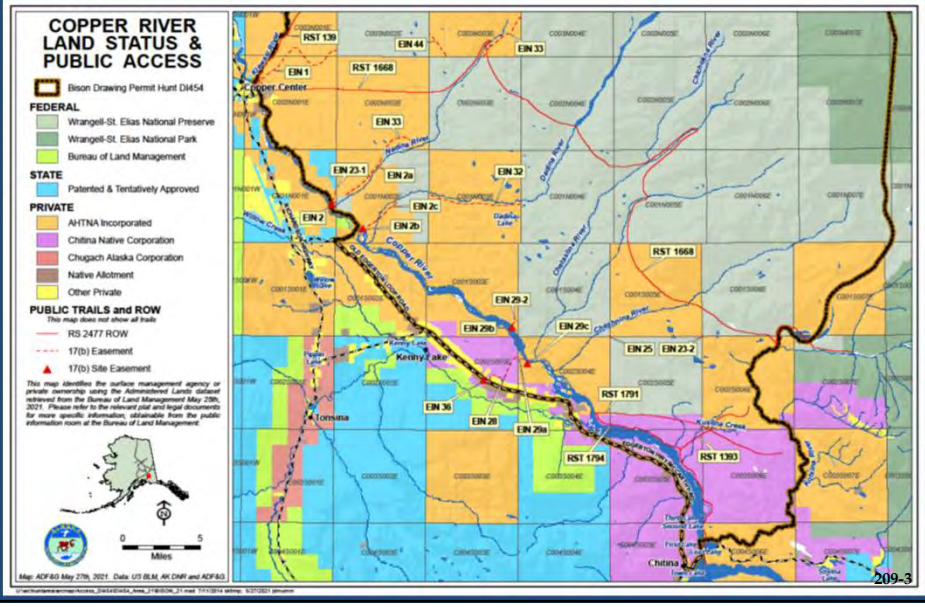
Year[a]	Herd Minimum Count	DI454 Permits Issued[b]	Total Harvest	Hunter Success	% Female in Harvest
2016[c]	196	24	11	65%	45%
2017	225	30	12	80%	50%
2018[c]	159	46	19	58%	11%
2019	146	25	15	79%	27%
2020	No Count	25	14	88%	29%
2021[c]	156[d]	24	TBD	TBD	TBD

[a] Surveys are conducted in the spring of the calendar year and harvest occurs in the fall, which coincides with Regulatory Year.
[b] Hunters are asked to notify ADF&G with intent to hunt; if a draw winner indicates that they will not hunt then their permit is closed out and a permit is issued to the next winner on the draw list.
[c] Includes SI454 hunt results in total harvest, hunter success, and % females in harvest.
[d] Evidence suggests that roughly 50 animals were missed in the trees and population minimum is more likely 200 animals.

209-2

8

Proposal 209 — Unit 11/13D Bison



9

Proposal 209 — Unit 11/13D Bison

DI454 Permits and Hunter Success by Residency

	Residents				Nonresidents			
Year	Permits	Hunted	Harvest	Hunter Success	Permits	Hunted	Harvest	Hunter Success
2015	29	21	9	43%	1	1	1	100%
2016	22	14	8	57%	2	2	2	100%
2017	27	15	12	80%	3	0	0	-
2018	42	30	16	53%	3	2	2	100%
2019	22	17	13	76%	3	2	2	100%
2020	23	17	13	76%	2	2	1	50%

209-4

10

Proposal 209 — Unit 11/13D Bison

Increase allowable permits for Copper River bison herd

Department Recommendation: **Support**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

209-5

11

Proposal 52 — Unit 13 Caribou

Repeal the “pre-2018” caribou hunting regulations for Unit 13

Department Recommendation: **SUPPORT**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff :

52-1

12

Proposal 52 — Unit 13 Caribou

In February of 2018 the Board established:

- Two Tier I seasons
- A youth hunt
- A non-resident hunt
- Limit for community harvest increased to 400

Changes were implemented for RY18 while RY17 hunts were ongoing.

This is a housekeeping proposal.

52-2

13

Proposal 52 — Unit 13 Caribou

Repeal the “pre-2018” caribou hunting regulations for Unit 13

Department Recommendation: **SUPPORT**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff :

52-3

14

Proposal 211 — Copper Basin CSH

Repeal the Copper Basin Community Subsistence Harvest hunt area

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

211-1

15

Proposal 211 — Copper Basin CSH

- Repeals 5 AAC 92.074(d)(1-13)
  - Eliminates the CSH hunt area; removes both moose and caribou hunts
  - ANS is met for both species through other subsistence hunt opportunities
  - Removes designated hunter opportunity
    - Proxy available for caribou
    - No proxy available for moose in Unit 13 under current regulations
    - Communal pattern of use identified by the BOG
    - Federal Community Subsistence Hunt available in Units 11 and 13
  - Removes 100 any bull opportunity for moose

211-2

16

Proposal 211 — Copper Basin CSH

Repeal the Copper Basin Community Subsistence Harvest hunt area

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

211-3

17

Proposal 53 — CSH Caribou

Increase the community subsistence caribou hunt allocation in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali
Paxson
Tok Cutoff

53-1

18

Proposal 53 CSH Caribou

RY	CSH Caribou Groups	CC001 permits	Harvest	Permits Hunted	Success Rate
2009	1	477	127	288	44%
2011	6	322	150	176	85%
2012	17	402	114	238	48%
2013	28	689	144	308	47%
2014	25	569	191	266	72%
2015	26	659	191	330	58%
2016	45	1,006	370	558	66%
2017	51	1,004	262	484	54%
2018	38	838	168	382	44%
2019	44	811	256	407	63%
2020	40	818	-	-	-

53-2

19

Proposal 53 CSH Caribou

Increase the community subsistence caribou hunt allocation in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali
Paxson
Tok Cutoff

53-3

20

Proposal 217 — Unit 13 Caribou

Eliminate caribou draw hunts in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

217-1

21

Proposal 217 — Unit 13 Caribou

- Draw Hunts Established by the BOG:
  - YC495 youth hunt (up to 200 permits)
  - DC485 resident draw (up to 5,000 permits)
  - DC475 non resident draw (up to 200 permits)
- Tier I Hunts Established by the BOG:
  - RC561
  - RC562
  - CC001

217-2

22

Proposal 217 Unit 13 Caribou

	Tier I[a]		CSH[b]		Draw[c]		Federal[d]		Total Harvest
RY	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest	
2009	500	277	479	127	-	-	2,687	369	773
2010	1,151	615	-	-	-	-	2,973	505	2,410[e]
2011	3,148	1,626	323	87	1,127	319	3,083	444	2,476
2012	5,045	2,543	403	150	3,001	1,024	3,105	608	4,325
2013	6,878	1,573	689	114	5,008	609	2,896	319	2,615
2014	5,595	2,268	569	144	1,000	299	3,069	274	2,985
2015	7,235	2,911	659	191	1,001	296	3,209	644	4,042
2016	8,470	3,518[f]	1,006	370[g]	4,999	1,898	3,265	497	6,283
2017	8,444	2,733	1,004	262	4,998	1,534	3,199	363	4,892
2018	8,767	1,060	838	168	5,000	260	3,170	381	1,869
2019	5,673	2,172	811	256	599	285	2,947	156	2,869
2020	6,886	2,514	818	294	2,250	943	3,064	362	4,113
2021	7,100	975	903	178	2,250	346	TBD	TBD	TBD

[a] RC566 (RY2009 2017); RC561 & RC562 (RY2018 2020)
[b] CC001 was not offered in 2010.
[c] DC480 DC483 (RY2011 2015); DC485 (RY2016 2020); YC495 (RY2019 2020); DC475 (RY2020)
[d] FC1302 and FC1202
[e] Includes 1,290 caribou harvested under 3,604 TC566 winter hunt permits.
Includes 299 caribou harvested under 2,441 households that chose to receive a second permit in March 2017.
[g] Includes 36 caribou harvested under 208 households that chose to receive a second permit in March 2017.

217-3

23

Proposal 217 Unit 13 Caribou

Eliminate caribou draw hunts in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

217-4

24

Proposal 54 — Unit 13 Caribou

Expand the youth caribou hunt in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

54-1

25

Proposal 54 — Unit 13 Caribou

Current YC495 season dates

- August 1 5

Proposed YC495 season dates

- August 1 9
- October 21 March 31

54-2

26

Proposal 54 — Unit 13 Caribou

Nelchina Youth Hunt (YC495) first offered in RY2019

- 2,577 applicants
- 200 permits issued
- 77% hunter success, 57% permit success

RY2020

- 2,772 applicants
- 200 permits issued
- 72% hunter success, 56% permit success

RY2021

- 3,430 applicants
- 200 permits issued
- 39% hunter success, 29% permit success

54-3

27

Proposal 54 — Unit 13 Caribou

Expand the youth caribou hunt in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

54-4

28

Proposal 56 — Unit 11 Moose

Extend General Season for moose by Bow and Arrow only in Unit 11

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

56-1

29

Proposal 56 — Unit 11 Moose

Unit 11 General Season (Residents & Non residents):

- August 20 September 20
- SF/50+/3BT

Proposed Season Extension:

- September 21 25
- Archery Only
- Bag limit and residency requirements remain the same

56-2

30

Proposal 56 Unit 11 Moose

Unit 11 General Season (Residents & Non residents):

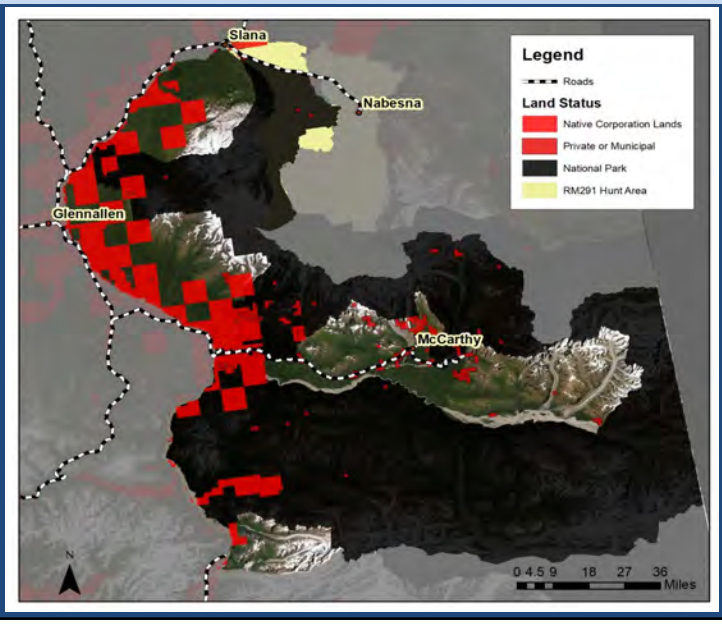
- Aug. 20 Sept. 20
- SF/50+/3BT

Regulatory Year	Reported Hunting	Successful Harvest	Success Rate
2015	77	25	32%
2016	76	28	37%
2017	66	21	32%
2018	60	25	42%
2019	51	23	45%
2020	60	27	45%

56-3

31

Proposal 56 Unit 11 Moose



56-4

32

Proposal 56 — Unit 11 Moose

Extend General Season for moose by Bow and Arrow only in Unit 11

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

56-5

33

Proposal 57 — Unit 11 Moose

Establish registration hunt for bull moose for certified bowhunters in Unit 11

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

57-1

34

Proposal 57 — Unit 11 Moose

Unit 11 General Season open (Residents & Non residents):

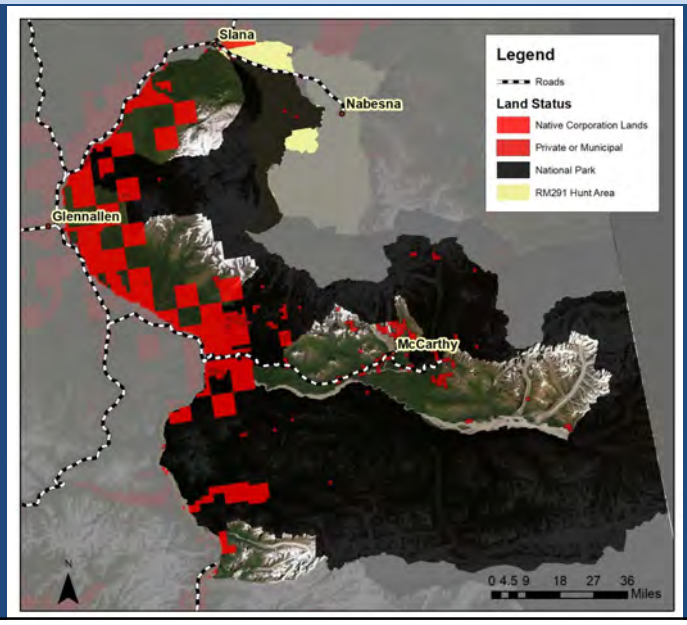
- Aug. 20 Sept. 20
- SF/50+/3BT

Regulatory Year	Reported Hunting	Successful Harvest	Success Rate
2015	77	25	32%
2016	76	28	37%
2017	66	21	32%
2018	60	25	42%
2019	51	23	45%
2020	60	27	45%

57-2

35

Proposal 57 — Unit 11 Moose



57-3

36

Proposal 57 — Unit 11 Moose

Establish registration hunt for bull moose for certified bowhunters in Unit 11

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

57-4

37

Proposal 214 — Unit 13 Moose

Eliminate moose draw hunts in Unit 13

Department Recommendation: **NEUTRAL** on allocation and **OPPOSED** to elimination of all draw hunts

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

214-1

38

Proposal 214 Unit 13 Moose

Draw hunts created by the Board of Game:

- DM325 any-bull hunt provides any-bull opportunity to residents aside from that provided to CSH hunt (5 permits)
- DM324 (antlerless) is necessary to maintain 13A moose population at a level for maximum productivity.
- Non-resident draw hunts average 22 bulls harvested (50+ 4BT)

214-2

39

Proposal 214 Unit 13 Moose

Subunit	Abundance Index	Harvest	Bull to Cow
13A	**3,500–4,200**	**210–420**	**25 : 100**
3yr average	4,112	270	25 : 100
13B	**5,300–6,300**	**310–620**	**25 : 100**
3yr average	4,099	205	29 : 100
13C	**2,000–3,000**	**155–350**	**25 : 100**
3yr average	3,263	83	23 : 100
13D	**1,200–1,900**	**75–190**	**25 : 100**
3yr average	1,191	88	79 : 100
13E	**5,000–6,000**	**300–600**	**25 : 100**
3yr average	6,297	182	24 : 100

214-3

40

Proposal 214 Unit 13 Moose

- Unit 13 meets ANS (300-600) through GM000 and Federal Subsistence

RY[1]	CSH Harvest	General Season Harvest	Resident Draw Any Bull Harvest	Resident Draw Antlerless Harvest	Nonresident Draw Harvest	Federal Harvest	Total Harvest
2015	171	772	No Hunt	7	23	85	1,058
2016	201	757	5	5	21	100	1,089
2017	188	689	3	8	28	90	1,006
2018	154	557	2	7	20	61	801
2019	160	649	4	10	18	71	914[2]
2020	138	629	5	16	23	67	880[2]

[1] In RY2015 the CSH moose season dates were August 10–September 20, but in RY2016 and following years the CSH moose season dates were August 20–September 20.
[2] Includes ceremonial harvest reported in Unit 13.

214-4

41

Proposal 214 Unit 13 Moose

Eliminate moose draw hunts in Unit 13

Department Recommendation: **NEUTRAL** on allocation and **OPPOSED** to elimination of all draw hunts

Public Proposal

Copper Basin
Denali:
Paxson:
Tok Cutoff:

214-5

42

Proposal 215 — Unit 13 Moose

Reauthorize antlerless moose hunts in Unit 13

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

215-1

43

Proposal 215 — Unit 13 Moose

Population Objectives & Current Estimates

*DM325

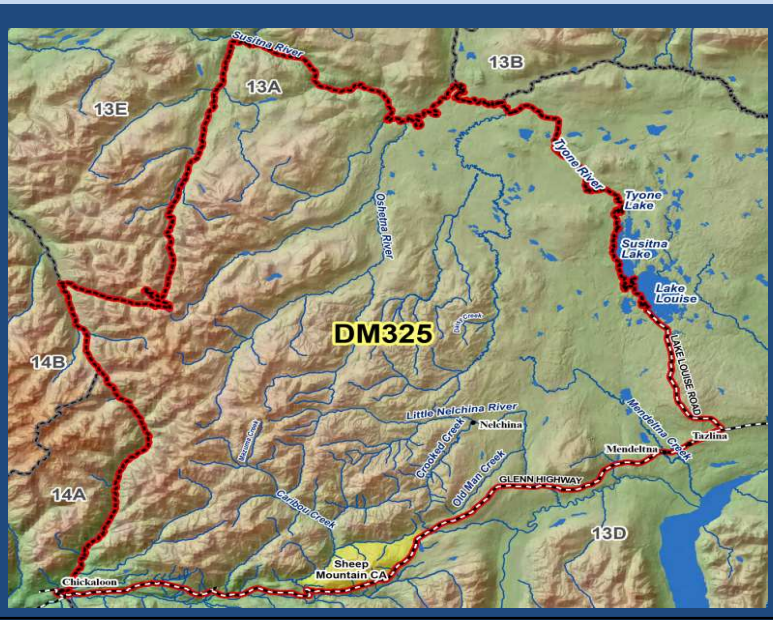
Subunit	Abundance Index	Harvest	Bull to Cow
13A*	**3,500–4,200**	**210–420**	**25 : 100**
3yr average	4,112	270	25 : 100
13B	**5,300–6,300**	**310–620**	**25 : 100**
3yr average	4,099	205	29 : 100
13C	**2,000–3,000**	**155–350**	**25 : 100**
3yr average	3,263	83	23 : 100
13D**	**1,200–1,900**	**75–190**	**25 : 100**
3yr average	1,191	88	79 : 100
13E	**5,000–6,000**	**300–600**	**25 : 100**
3yr average	6,297	182	24 : 100

**13D is outside of wolf predation control area

215-2

44

Proposal 215 Unit 13 Moose



215-3

45

Proposal 215 Unit 13 Moose

Unit 13A antlerless hunt (DM325) hunt statistics, Regulatory Years 2015 2020.

Regulatory Year	Total Permits	Total Applicants	Hunted	Harvest
2015	10	2,800	9	7
2016	10	3,590	8	5
2017	10	3,369	9	8
2018	10	3,613	10	6
2019	10	4,284	10	10
2020	20	5,272	17	16
2021[1]	25	6,407	TBD	14[1]

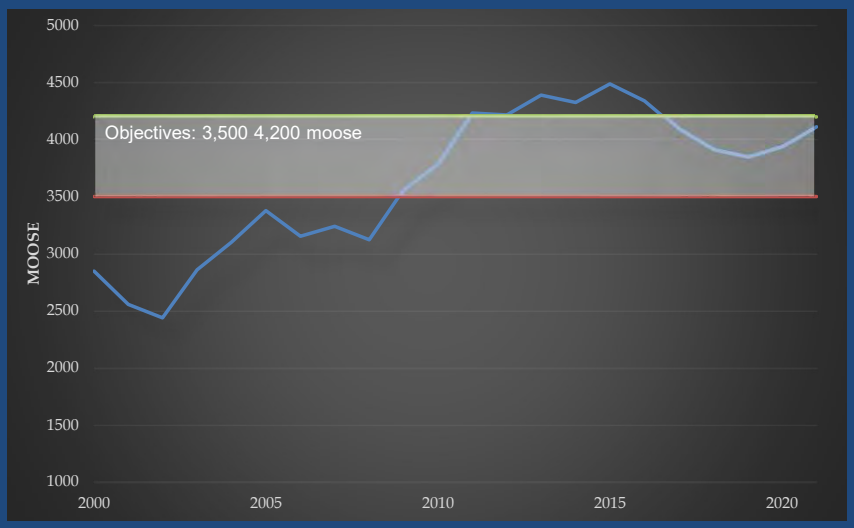
[1] Hunt is ongoing (season Oct. 1 Oct. 31 and Mar. 1 Mar. 31); harvest of 14 cows in October Season

215-4

46

Proposal 215 Unit 13 Moose

Running 3 year Average of Moose Abundance in 13A



215-5

47

Proposal 215 Unit 13 Moose

Reauthorize antlerless moose hunts in Unit 13

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

215-6

48

Proposal 210 — Unit 13 Moose

Eliminate the Copper Basin Community Subsistence Harvest moose hunt in Unit 13.

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

210-1

49

Proposal 210 — Unit 13 Moose

Community Subsistence Harvest Moose Season:

- CM300: August 20 – Sept. 20 (SF/50/4BT; 100 any bulls)

General Harvest Moose Season:

- GM000: Sept. 1 – Sept. 20 (SF/50/4BT)

210-2

50

Proposal 210 — Unit 13 Moose

Considerations:

- 100 any-bulls not available
  - Bull to cow ratios dropping with current any bull harvest
- No designated hunter option; antler restrictions prevent proxy under current regulations
  - Communal Pattern of Use

210-3

51

Proposal 210 — Unit 13 Moose

CSH Moose Hunt Data

Regulatory Year	Number of Groups	Number of Permits	Hunters Reported Hunting	Number of Locking Tags	Total CSH Moose Harvest	CSH Any Bull Harvest[a]
2009	1	378	293	-	100	70
2010[b]	-	-	-	-	-	-
2011	9	753	312	-	86	64
2012	19	961	358	-	98	76
2013	45	2,066	842	-	156	85
2014[c]	43	1,771	607	281	150	76
2015	43	1,984	621	344	171	92
2016[d]	73	3,023	941	485	201	114
2017	83	3,136	879	521	188	102
2018[e]	57	2,331	664	354	154	92
2019	61	2,143	589	350	160	94
2020	49	1,702	649	352	138	80
2021	54	1,841	594	350	131	84

[a] Federally qualified subsistence users and DM324 permitholders harvest additional any bulls in Unit 13.
[b] The CSH hunt was not offered in 2010 due to litigation.
[c] Any bull locking tags and 24hr reporting requirement implemented.
[d] CM300 season start date in Unit 13 moved from August 10 to August 20; implementation of 2 year commitment
[e] Additional meat on bone salvage requirements, any bull locking tags distributed under Tier II like scoring; groups signed up for new 2 year commitments

210-4

52

Proposal 210 Unit 13 Moose

- Unit 13 meets ANS (300-600) through GM000 and federal subsistence

RY[1]	CSH Harvest	General Season Harvest	Resident Draw Any Bull Harvest	Resident Draw Antlerless Harvest	Nonresident Draw Harvest	Federal Harvest	Total Harvest
2015	171	772	No Hunt	7	23	85	1,058
2016	201	757	5	5	21	100	1,089
2017	188	689	3	8	28	90	1,006
2018	154	557	2	7	20	61	801
2019	160	649	4	10	18	71	914[2]
2020	138	629	5	16	23	67	880[2]

[1] In RY2015 the CSH moose season dates were August 10 September 20, but in RY2016 and following years the CSH moose season dates were August 20 September 20.
[2] Includes ceremonial harvest reported in Unit 13.

210-5

53

Proposal 210 Unit 13 Moose

Eliminate the Copper Basin Community Subsistence Harvest moose hunt in Unit 13.

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

210-1

54

Proposal 59 CSH Moose

Increase community subsistence any-bull moose hunt allocation in Unit 13 from 100 to 150

Department Recommendation: **NEUTRAL** on the allocation of moose and **OPPOSED** to an increase in any bull harvest.

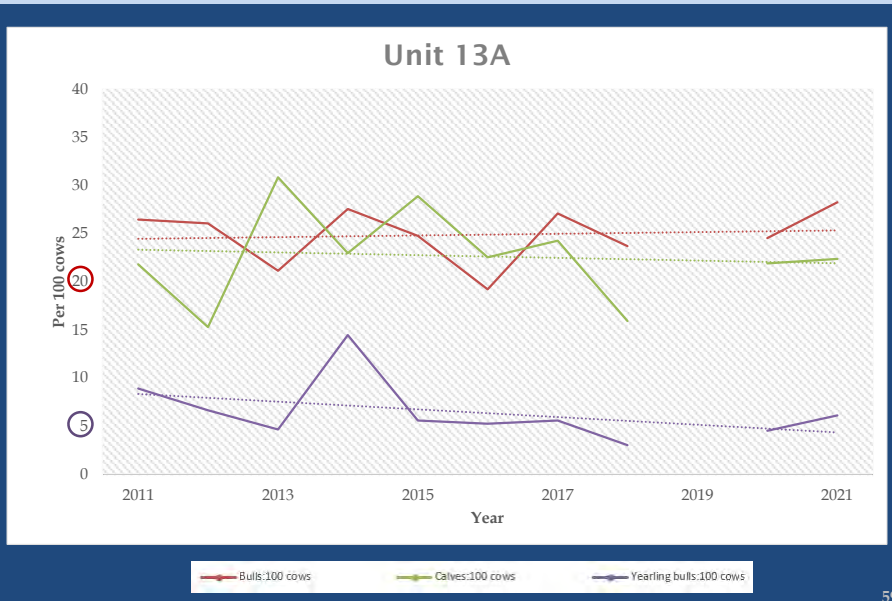
Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

59-1

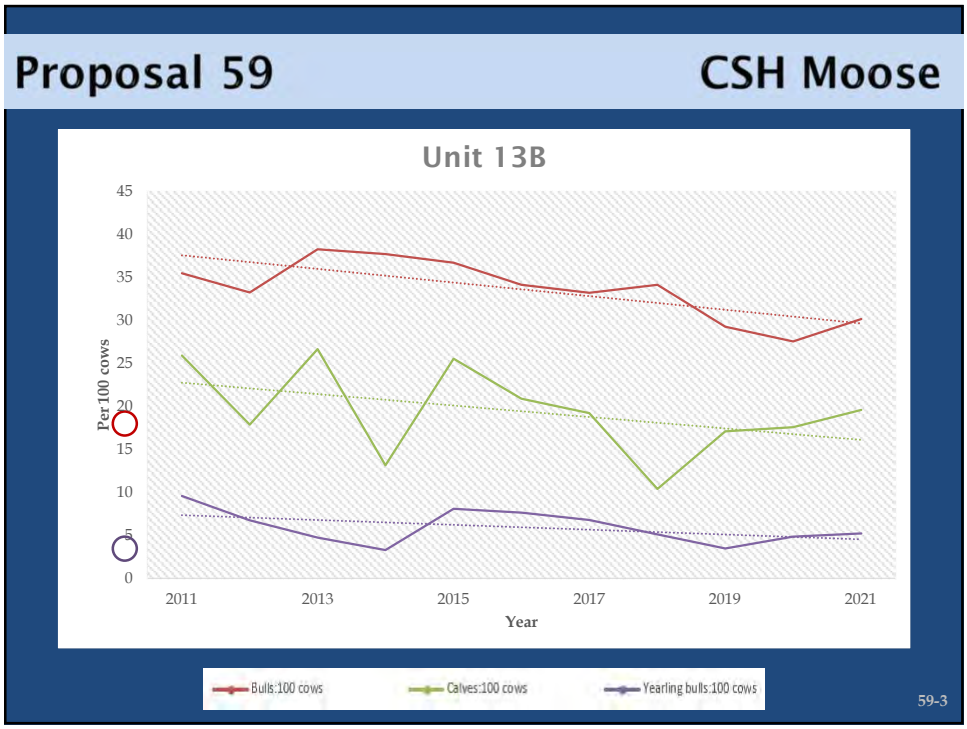
55

Proposal 59 CSH Moose

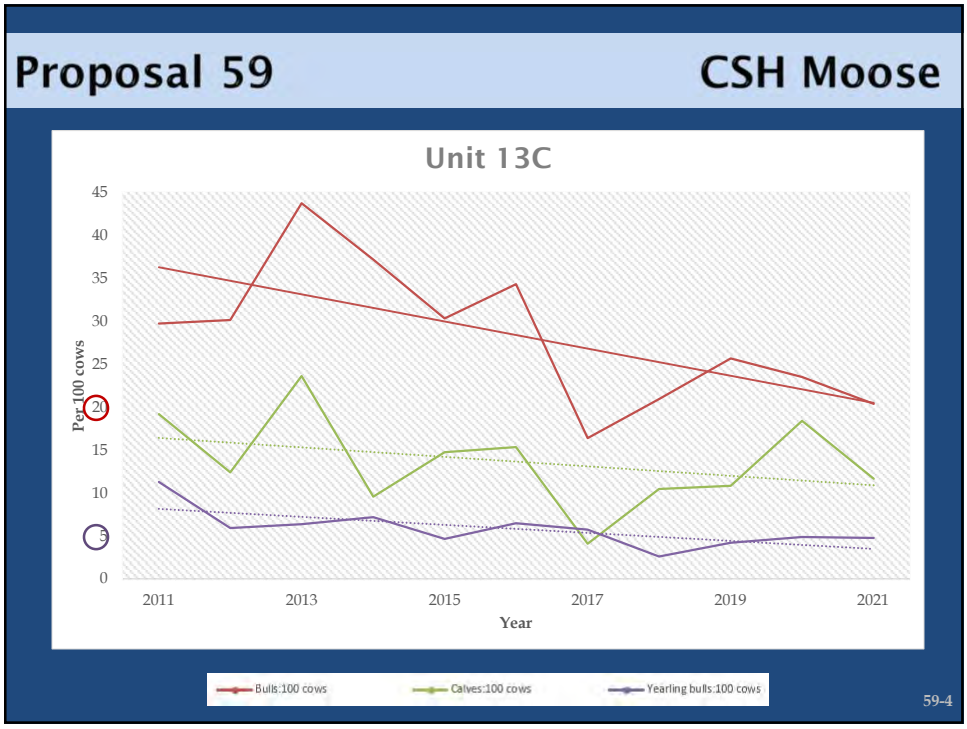


59-2

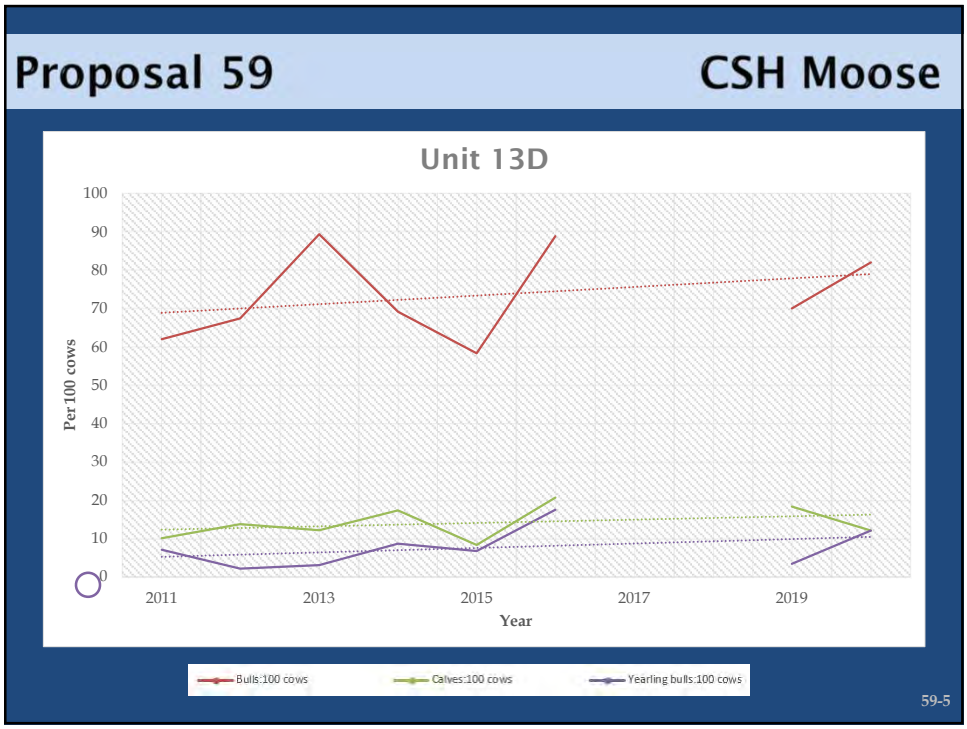
56


Proposal 59
CSH Moose
Unit 13B
Per 100 cows
45
40
35
30
25
20
15
10
5
0
2011
2013
2015
2017
2019
2021
Year
Bulls:100 cows
Calves:100 cows
Yearling bulls:100 cows
59-3

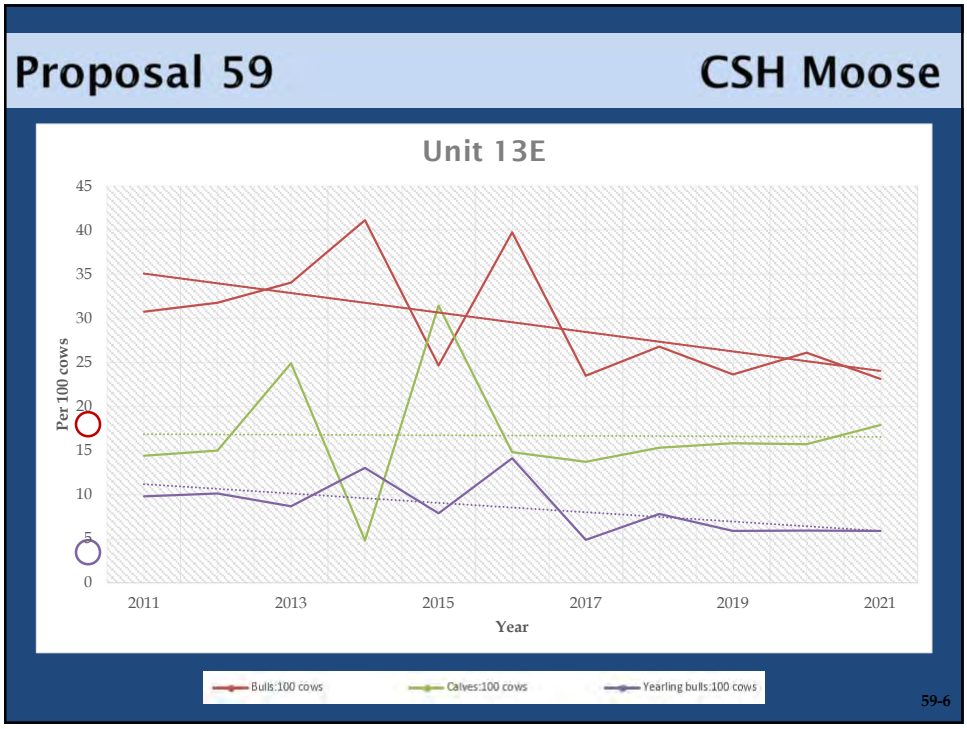
57


Proposal 59
CSH Moose
Unit 13C
Per 100 cows
45
40
35
30
25
20
15
10
5
0
2011
2013
2015
2017
2019
2021
Year
Bulls:100 cows
Calves:100 cows
Yearling bulls:100 cows
59-4

58


Proposal 59
CSH Moose
Unit 13D
Per 100 cows
100
90
80
70
60
50
40
30
20
10
0
2011
2013
2015
2017
2019
Year
Bulls:100 cows
Calves:100 cows
Yearling bulls:100 cows
59-5

59


Proposal 59
CSH Moose
Unit 13E
Per 100 cows
45
40
35
30
25
20
15
10
5
0
2011
2013
2015
2017
2019
2021
Year
Bulls:100 cows
Calves:100 cows
Yearling bulls:100 cows
59-6

60

Proposal 59 CSH Moose

CSH Any bull Moose Quotas and Harvest, Unit 13

	13A		13B		13C		13D		13E		11	
RY	Quota	Harvest	Quota	Harvest	Quota	Harvest	Quota	Harvest	Quota	Harvest	Quota	Harvest
2009	20	15	25	23	15	11	10	7	15	13	15	0
2011	10	10	20	13	10	13	5	7	15	20	10	1
2012	12	15	17	23	10	14	8	8	13	16	10	0
2013	16	42	26	23	16	1	11	7	21	12	10	0
2014	6	8	26	25	16	9	11	13	21	21	10	0
2015	10	9	30	35	18	8	14	14	26	26	2	0
2016	10	9	30	31	18	20	14	15	26	38	2	1
2017	10	12	30	34	18	11	14	16	26	29	2	0
2018	10	10	30	33	18	7	14	17	26	25	2	0
2019	5	7	34	34	18	12	16	13	25	27	2	0
2020	5	6	34	24	18	6	16	17	25	27	2	0
2021	5	6	30	27	10	9	28	15	25	28	2	0
2022	5	-	30	-	7	-	33	-	23	-	2	-

59-7

61

Proposal 59 CSH Moose

Increase community subsistence any-bull moose hunt allocation in Unit 13 from 100 to 150

Department Recommendation: **NEUTRAL** on the allocation of moose and **OPPOSED** to an increase in any bull harvest.

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

59-8

62

Proposal 60 — Unit 13 Moose

Create a registration archery only hunt for bull moose in Unit 13

Department Recommendation: **NEUTRAL** on allocation and method; **OPPOSED** to additional any bull harvest in Unit 13

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

60-1

63

Proposal 60 — Unit 13 Moose

- New Registration Bull Moose Hunt:
  - Residents only
  - Archery only
  - Sept 25 Oct 15
  - SF/50+/**3BT**
  - 5 day reporting requirement
  - Hunters commit to only this hunt for moose in the State of Alaska for that regulatory year

60-2

64

Proposal 60 — Unit 13 Moose

- Considerations:
  - Hunt during rut
    - High success, even if archery increased harvest
    - Disrupts rut
  - Any bull harvest not used by CSH could go to this hunt
    - Could result in hunt not opening if no any bulls available
    - No additional any bull harvest available beyond CSH allocation at this time
    - 24 hour reporting requirement (same as CSH) would be required to avoid overharvest

60-3

65

Proposal 60 — Unit 13 Moose

Create a registration archery only hunt for bull moose in Unit 13

Department Recommendation: **NEUTRAL** on allocation and method; **OPPOSED** to additional any bull harvest in Unit 13

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

60-4

66

Proposal 216 — Unit 13 Moose

Establish an antlerless moose season in Unit 13C

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

216-1

67

Proposal 216 — Unit 13 Moose

Population Objectives & Current Estimates

*DM325

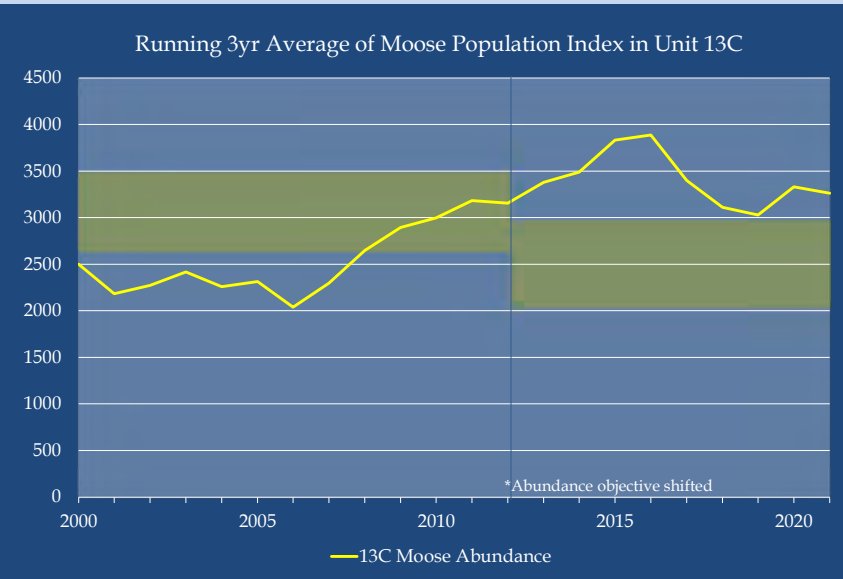
Subunit	Abundance Index	Harvest	Bull to Cow
13A*	**3,500–4,200**	**210–420**	**25 : 100**
3yr average	4,112	270	25 : 100
13B	**5,300–6,300**	**310–620**	**25 : 100**
3yr average	4,099	205	29 : 100
13C	**2,000–3,000**	**155–350**	**25 : 100**
3yr average	3,263	83	23 : 100
13D**	**1,200–1,900**	**75–190**	**25 : 100**
3yr average	1,191	88	79 : 100
13E	**5,000–6,000**	**300–600**	**25 : 100**
3yr average	6,297	182	24 : 100

**13D is outside of wolf predation control area

216-2

68

Proposal 216 Unit 13 Moose



216-3

69

Proposal 216 Unit 13 Moose

Establish an antlerless moose season in Unit 13C

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

216-4

70

Proposal 61 — Unit 13E Moose

Establish a drawing permit hunt for bull moose limited to resident certified bowhunters in Unit 13E

Department Recommendation: **NEUTRAL** on allocation and method; **OPPOSED** to additional any bull harvest in Unit 13E

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

61-1

71

Proposal 61 — Unit 13E Moose

- New Drawing Bull Moose Hunt:
  - Residents only
  - Archery only
  - Sept 1 Sept 20
  - Any bull
  - 10 day reporting requirement

61-2

72

Proposal 61 — Unit 13E Moose

- Considerations:
  - Resident any bull draw hunt already exists: DM324
    - 5 permits issued annually
    - Open to archers or non archers
    - Hunt area all of Unit 13 (13E included)
  - No additional any bull harvest opportunity available in 13E beyond what is currently allocated to CSH and DM324

61-3

73

Proposal 61 — Unit 13E Moose

Establish a drawing permit hunt for bull moose limited to resident certified bowhunters in Unit 13E

Department Recommendation: **NEUTRAL** on allocation and method; **OPPOSED** to additional any bull harvest in Unit 13E

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

61-1

74

Proposal 62 — Unit 13E Moose

Establish an antlerless moose hunt in 13E

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

62-1

75

Proposal 62 — Unit 13E Moose

Population Objectives & Current Estimates

*DM325

Subunit	Abundance Index	Harvest	Bull to Cow
13A*	**3,500–4,200**	**210–420**	**25 : 100**
3yr average	4,112	270	25 : 100
13B	**5,300–6,300**	**310–620**	**25 : 100**
3yr average	4,099	205	29 : 100
13C	**2,000–3,000**	**155–350**	**25 : 100**
3yr average	3,263	83	23 : 100
13D**	**1,200–1,900**	**75–190**	**25 : 100**
3yr average	1,191	88	79 : 100
13E	**5,000–6,000**	**300–600**	**25 : 100**
3yr average	6,297	182	24 : 100

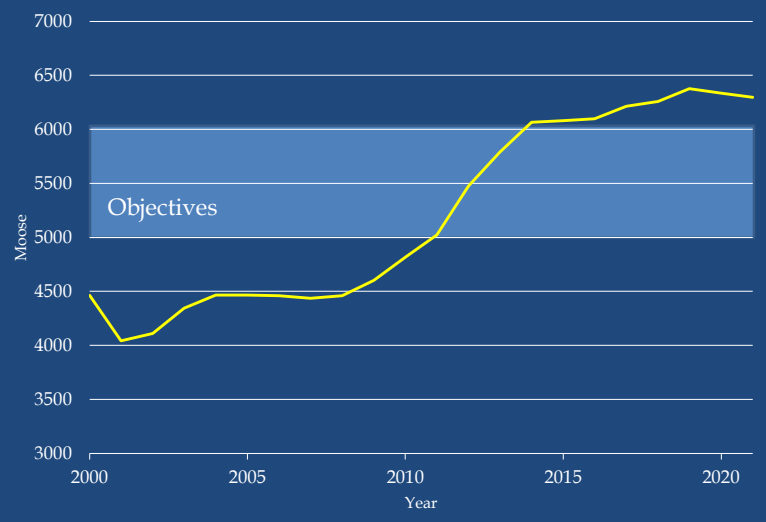
**13D is outside of wolf predation control area

62-2

76

Proposal 62 Unit 13E Moose

Running 3 year average of moose abundance index in 13E



62-3

77

Proposal 62 Unit 13E Moose

Establish an antlerless moose hunt in 13E

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

62-4

78

Proposal 63 — CSH Caribou

Eliminate Copper Basin CSH caribou restriction of one bag limit per household

Department Recommendation: **Neutral**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

63-3

79

Proposal 63 — CSH Caribou

Considerations:

- Current designated hunter option
  - CSH groups may harvest as many bag limits as there are households in that group
  - Any hunter in the group may fill the permit of any household in that group
- Groups do not yet maximize permits available
- CSH caribou harvest is capped at 400 animals regardless of how many permits are issued
- Other Unit 13 Tier I hunts (RC561 & RC562) are one bag limit per household
- BOG acknowledges a pattern of use consistent with household permits

63-2

80

Proposal 63 — CSH Caribou

Eliminate Copper Basin CSH caribou restriction of one bag limit per household

Department Recommendation: **Neutral**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

63-3

81

Proposal 64 — Moose/Unit 13

5 AAC 92.220.
Salvage of game meat, furs, and hides.
Eliminate the hide salvage requirement for moose for Alaska residents aged 60 years and older participating in the community subsistence moose hunt in Unit 13

Proposed by:	Public
Department Recommendation:	Neutral
AC Recommendations:	TBD

RC 4, Tab 5.2
Board of Game, Wasilla, Alaska
January 20 29, 2022

Alaska Department of Fish and Game 1

82

Proposal 64 — Moose/Unit 13

CSH hunt (CM300) (5 AAC 92.220(a)(6))

Pattern of Use per Board Finding 2006-170-BOG

- "A means of handling, preparing, preserving, and storing fish or game that has been traditionally used by past generations, but not excluding technological advances where appropriate"
- "A pattern of taking or use that includes the handing down of knowledge of fishing or hunting skills, values, and lore from generation to generation"

Enforcement clarification

Recommend that this applies to the hunter of the moose.

83

Proposal 64 — Moose/Unit 13

2006-170-BOG

- Specifies retrieval of "the entire carcass and all bones, hide, head, heart, liver, kidneys, stomach, and fat."
- Findings include, "these traditions and roles are passed on by older relatives to younger family members through in-the-field training and a system of engii (rules of appropriate behavior or taboos) that teach traditional means of harvest, handling, and preparation."

The moose hide salvage requirement has been in place for the Copper Basin CSH moose hunt since 2011.

84

Proposal 64 — Moose/Unit 13

5 AAC 92.220.
Salvage of game meat, furs, and hides.
Eliminate the hide salvage requirement for moose for Alaska residents aged 60 years and older participating in the community subsistence moose hunt in Unit 13

Proposed by:	Public
Department Recommendation:	Neutral
AC Recommendations:	TBD

85

Proposal 65 — Moose/Unit 13

5 AAC 92.220.
Salvage of game meat, furs, and hides.
Eliminate the moose hide salvage requirement for hunters aged 62 years and older participating in the community subsistence moose hunt in Unit 13

Proposed by:	Public
Department Recommendation:	Neutral
AC Recommendations:	TBD

86

Proposal 65 — Moose/Unit 13

CSH hunt (CM300) (5 AAC 92.220(a)(6))

Pattern of Use per Board Finding 2006-170-BOG

- "A means of handling, preparing, preserving, and storing fish or game that has been traditionally used by past generations, but not excluding technological advances where appropriate"
- "A pattern of taking or use that includes the handing down of knowledge of fishing or hunting skills, values, and lore from generation to generation"

Enforcement clarification

Recommend that this applies to the hunter of the moose.

87

Proposal 65 — Moose/Unit 13

2006-170-BOG

- Specifies retrieval of "the entire carcass and all bones, hide, head, heart, liver, kidneys, stomach, and fat."
- Findings include, "these traditions and roles are passed on by older relatives to younger family members through in-the-field training and a system of engii (rules of appropriate behavior or taboos) that teach traditional means of harvest, handling, and preparation."

The moose hide salvage requirement has been in place for the Copper Basin CSH moose hunt since 2011.

88

Proposal 65 — Moose/Unit 13

5 AAC 92.220.
Salvage of game meat, furs, and hides.
Eliminate the moose hide salvage requirement for hunters aged 62 years and older participating in the community subsistence moose hunt in Unit 13

Proposed by:	Public
Department Recommendation:	Neutral
AC Recommendations:	TBD

89

Proposal 74 — Unit 13 Moose

Limit motorized access during the CSH moose hunt and remove the "any bull" option, or:
Eliminate the CSH hunt and create an August hunt with motorized restrictions

Department Recommendation: **NEUTRAL**

Paxson Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

74-1

90

Proposal 74 — Unit 13 Moose

Current Resident Moose Seasons:

- CM300: August 20 – Sept. 20 (SF/50/4BT; 100 any bulls)
- GM000: Sept. 1 – Sept. 20 (SF/50/4BT)
- DM324: Sept. 1 – Sept. 20 (5 permits; any bull)
- DM325: Oct. 1 – 31 and March 1 – 31 (antlerless)

74-2

91

Proposal 74 — Unit 13 Moose

Considerations:

- Extended season dates for all hunters, not just CM300
- 100 any-bulls not available
  - Bull:cow ratios dropping with current any bull harvest
- Unit 13 residents have advantage during August season; driving roads more
- No designated hunter option; antler restrictions prevent proxy under current regulations

74-3

92

Proposal 74 Unit 13 Moose

- Unit 13 meets ANS (300-600) through GM000 and federal subsistence

RY[1]	CSH Harvest	General Season Harvest	Resident Draw Any Bull Harvest	Resident Draw Antlerless Harvest	Nonresident Draw Harvest	Federal Harvest	Total Harvest
2015	171	772	No Hunt	7	23	85	1,058
2016	201	757	5	5	21	100	1,089
2017	188	689	3	8	28	90	1,006
2018	154	557	2	7	20	61	801
2019	160	649	4	10	18	71	914[2]
2020	138	629	5	16	23	67	880[2]

[1] In RY2015 the CSH moose season dates were August 10 September 20, but in RY2016 and following years the CSH moose season dates were August 20 September 20.
[2] Includes ceremonial harvest reported in Unit 13.

74-4

93

Proposal 74 Unit 13 Moose

Limit motorized access during the CSH moose hunt and remove the "any bull" option, or:
Eliminate the CSH hunt and create an August hunt with motorized restrictions

Department Recommendation: **NEUTRAL**

Paxson Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

74-1

94

Proposal 213 — Unit 13 Caribou

Remove Unit 13 Tier I caribou permit restriction to hunt moose in Unit 13

Department Recommendation: **NEUTRAL** on allocation but **OPPOSED** to removing the Tier I restriction on moose hunting

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

213-1

95

Proposal 213 — Unit 13 Caribou

	Tier I[a]		CSH[b]		Draw[c]		Federal[d]		Total
RY	Permits	Harvest	Permits	Harvest	Permits	Harvest	Permits	Harvest	Harvest
2009	500	277	479	127	-	-	2,687	369	773
2010	1,151	615	-	-	-	-	2,973	505	2,410[e]
2011	3,148	1,626	323	87	1,127	319	3,083	444	2,476
2012	5,045	2,543	403	150	3,001	1,024	3,105	608	4,325
2013	6,878	1,573	689	114	5,008	609	2,896	319	2,615
2014	5,595	2,268	569	144	1,000	299	3,069	274	2,985
2015	7,235	2,911	659	191	1,001	296	3,209	644	4,042
2016	8,470	3,518[f]	1,006	370[g]	4,999	1,898	3,265	497	6,283
2017	8,444	2,733	1,004	262	4,998	1,534	3,199	363	4,892
2018	8,767	1,060	838	168	5,000	260	3,170	381	1,869
2019	5,673	2,172	811	256	599	285	2,947	156	2,869
2020	6,886	2,514	818	294	2,250	943	3,064	362	4,113
2021	7,100	975	903	178	2,250	346	TBD	TBD	TBD

[a] RC566 (RY2009 2017); RC561 & RC562 (RY2018 2020)
[b] CC001 was not offered in 2010.
[c] DC480 DC483 (RY2011 2015); DC485 (RY2016 2020); YC495 (RY2019 2020); DC475 (RY2020)
[d] FC1302 and FC1202
[e] Includes 1,290 caribou harvested under 3,604 TC566 winter hunt permits.
[f] Includes 299 caribou harvested under 2,441 households that chose to receive a second permit in March 2017.
[g] Includes 36 caribou harvested under 208 households that chose to receive a second permit in March 2017.

213-2

96

Proposal 213 — Unit 13 Caribou

Considerations:

- BOG designed Tier I hunt opportunity to provide for a pattern of use that includes hunting moose and caribou in Unit 13.
- Removing the requirement would result in increased Tier I permits
  - Quotas would be met quickly for caribou
- Moose hunting pressure increases with caribou permits issued

213-3

97

Proposal 213 — Unit 13 Caribou

Remove Unit 13 Tier I caribou permit restriction to hunt moose in Unit 13

Department Recommendation: **NEUTRAL** on allocation but **OPPOSED** to removing the Tier I restriction on moose hunting

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

213-1

98

Proposal 212 — Unit 13 Caribou

Alter Unit 13 Tier I subsistence caribou permit restrictions

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

212-1

99

Proposal 212 — Unit 13 Caribou

Permit condition in question:

- 5AAC 92.050
  - By applying for this permit, the head of household and all household members agree that they will "not hunt caribou or moose in any other location in the state during that regulatory year."
- Based on Board Findings #2006-170-BOG
  - Subsistence patterns of use tied to wide variety of fish and wildlife resources.
  - Board's long term goal to provide subsistence permits in Unit 13

212-2

100

Proposal 212 — Unit 13 Caribou

Proposal:

- Allow federally qualified hunters to apply for the Unit 13 Tier I permit and still hunt moose or caribou outside of Unit 13 under federal regulations.

212-3

101

Proposal 212 — Unit 13 Caribou

Alter Unit 13 Tier I subsistence caribou permit restrictions

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

212-4

102

Proposal 66 — Unit 13 Caribou

Clarify Unit 13 Tier I subsistence caribou permit restrictions

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

66-1

103

Proposal 66 — Unit 13 Caribou

Permit condition in question:

- 5AAC 92.050
  - By applying for this permit, the head of household and all household members agree that they will "not hunt caribou or moose in any other location in the state during that regulatory year."
- Based on Board Findings #2006-170-BOG
  - Subsistence patterns of use tied to wide variety of fish and wildlife resources.
  - Board's long term goal to provide subsistence permits in Unit 13

66-2

104

Proposal 66 — Unit 13 Caribou

Proposal:

- Allow federally qualified hunters to apply for the Unit 13 Tier I permit and still hunt moose outside of Unit 13 under federal permits.

66-3

105

Proposal 66 — Unit 13 Caribou

Clarify Unit 13 Tier I subsistence caribou permit restrictions

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

66-4

106

Proposal 219 — Unit 13 IM

Modify the Unit 13 Intensive Management Plan

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

219-1

107

Proposal 219 — Unit 13 IM

Unit 13 Moose

- Positive C&T
- ANS 300–600 moose
- Population and harvest objectives for all Unit 13 subunits in 5 AAC 92.108

219-2

108

Proposal 219 Unit 13 IM

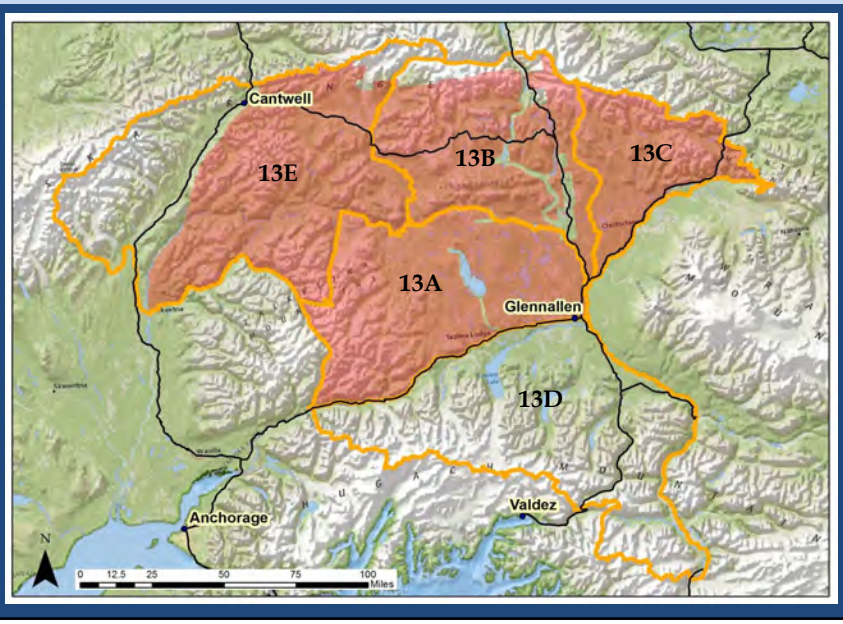
Intensive Management Plan

- Established in March 2000
- Active predation control began in Jan 2004
- 13C included in predation control area beginning March 2005
- Plan renewed in October 2010
- Plan renewed in October 2016
- Operational Plan approved by BOG in March 2016

219-3

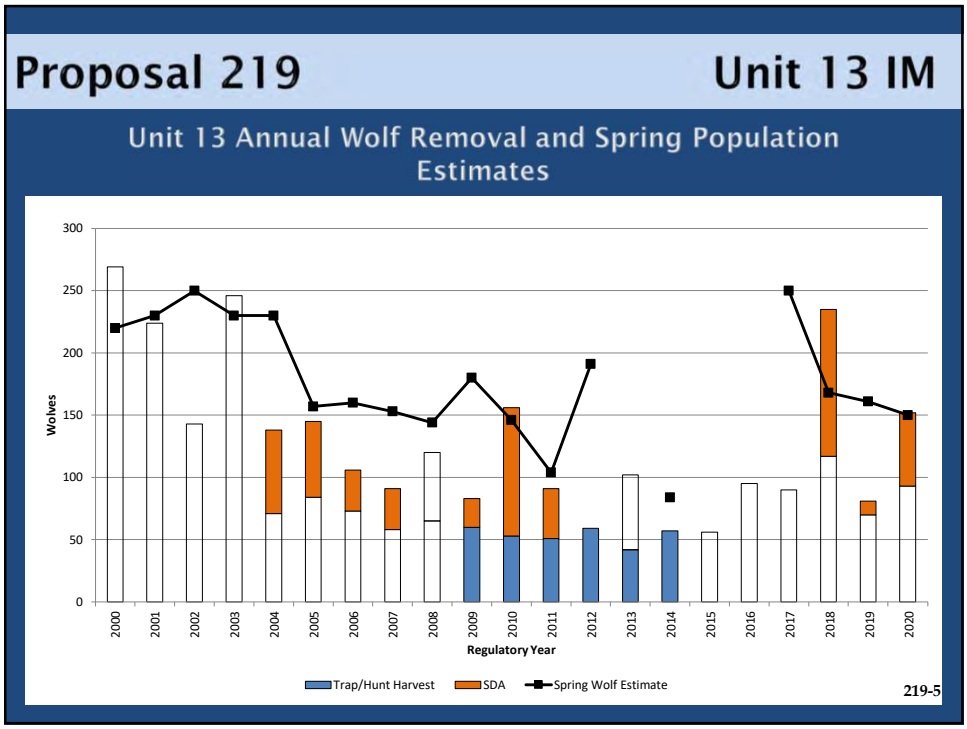
109

Proposal 219 Unit 13 IM

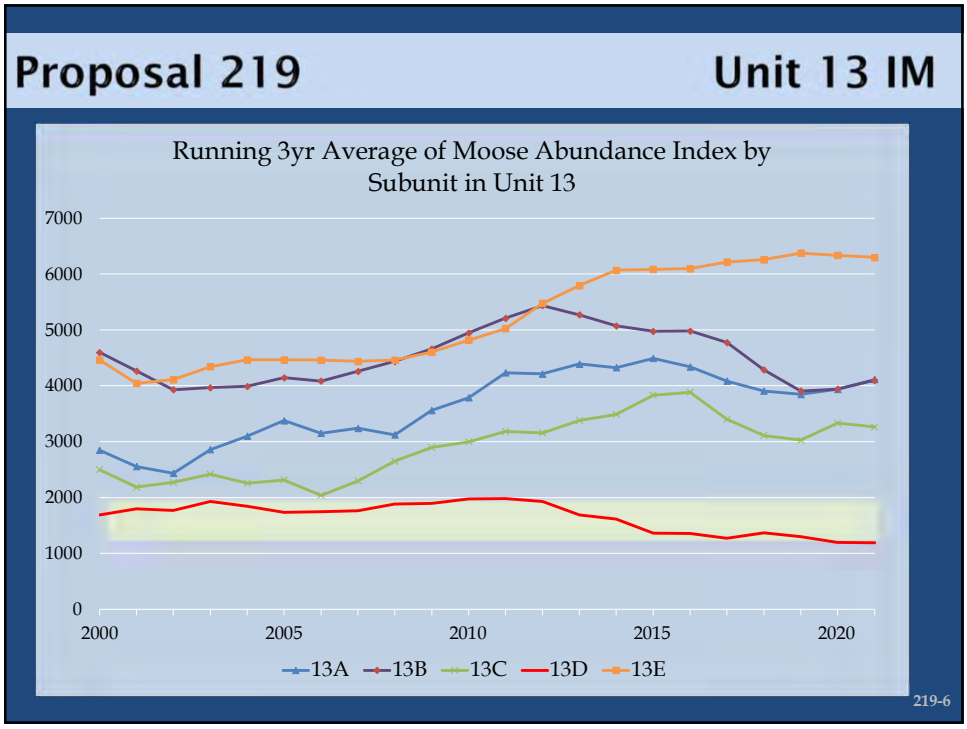


219-4

110


Proposal 219
Unit 13 IM
Unit 13 Annual Wolf Removal and Spring Population Estimates
Wolves
300
250
200
150
100
50
0
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
Regulatory Year
Trap/Hunt Harvest
SDA
Spring Wolf Estimate
219-5

111


Proposal 219
Unit 13 IM
Running 3yr Average of Moose Abundance Index by Subunit in Unit 13
7000
6000
5000
4000
3000
2000
1000
0
2000
2005
2010
2015
2020
13A
13B
13C
13D
13E
219-6

112

Proposal 219 — Unit 13 IM

Proposal:

- Add 13D to the predation control area
- Modify wolf objective
  - Current spring objectives: 135 165 wolves
    - Includes 13D
  - Proposed objective: minimum of 135 165 wolves
  - Allows for adaptive management as moose abundance increases in subunits.

219-7

113

Proposal 219 — Unit 13 IM

Modify the Unit 13 Intensive Management Plan

Department Recommendation: **SUPPORT**

Department Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

219-1

114

Proposal 55 — Unit 13 Goat

Create a registration goat hunt for Unit 13A

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

55-1

115

Proposal 55 — Unit 13 Goat

55-2

116

Proposal 55 Unit 13 Goat

DG720 Permits and Harvest

Season Dates: August 10 November 30

Year	Permits	Hunted	Harvest	% Female
2015	50	17	10	30%
2016	35	16	5	20%
2017	35	12	9	33%
2018	35	19	10	20%
2019	35	21	10	20%
2020	35	22	8	75%
2021	35	20	8	50%

55-3

117

Proposal 55 Unit 13 Goat

Create a registration goat hunt for Unit 13A

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

55-1

118

Proposal 67 — Unit 11 Sheep

Establish meat on bone salvage requirement for sheep in Unit 11

Department Recommendation: **NEUTRAL** on the requirement, and recommends the proposal be **DEFERRED** to the Statewide meeting and be addressed as a statewide change.

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

67-1

119

Proposal 67 — Unit 11 Sheep

RY	Rams	Ewes	Total Harvest	Hunters	Hunter Success	% of Harvest Federal Subsistence
2010	48	1	49	143	34%	44%
2011	48	0	48	141	34%	58%
2012	34	1	35	131	27%	52%
2013	45	0	45	125	36%	47%
2014	49	1	50	135	37%	67%
2015	46	4	50	149	34%	55%
2016	54	0	54	137	39%	53%
2017	52	0	52	156	33%	29%
2018	69	0	69	159	43%	40%
2019	73	1	74	164	45%	40%
2020	61	0	61	175	35%	43%

67-2

120

Proposal 67 — Unit 11 Sheep

Background:

- Sheep salvage concerns from AWT hunter contacts
- AWT collaborated with ADF&G to produce a Sheep Salvage informational card
- Cards were distributed in the Wrangells as well as from the Glennallen and Palmer ADF&G offices.

67-3

121

Proposal 67 — Unit 11 Sheep

Considerations:

- Meat on bone salvage requirements remove doubt in the field.
- Easier to keep cool and clean, less likely to spoil.
- Subsistence resource.
- Impact on hunters.
  - 6 8lbs of bone and marrow for average ram, up to 10lbs for largest South Wrangell rams
  - Solo hunters may limit distance traveled
  - Group parties may limit total sheep harvested within the group
- Not currently required for sheep in other areas.

67-4

122

Proposal 67 — Unit 11 Sheep

Establish meat on bone salvage requirement for sheep in Unit 11

Department Recommendation: **NEUTRAL** on the requirement, and recommends the proposal be **DEFERRED** to the Statewide meeting and be addressed as a statewide change.

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

67-5

123

Proposal 68 — Unit 11 Brown Bear

Extend general season for brown bear by bow and arrow only

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

68-1

124

Proposal 68 — Unit 11 Brown Bear

Current Season:

- August 10 – June 30

Extended season by bow and arrow only:

- July 1 – August 9

68-2

125

Proposal 68 — Unit 11 Brown Bear

Chronology of brown bear harvest in Unit 11

RY	Apr	May	Jun	Aug	Sep	Oct	Nov	Total
2015	0	2	0	5	7	2	0	16
2016	0	0	1	0	5	1	0	7
2017	1	2	2	2	3	0	1	11
2018	0	3	2	2	2	0	0	9
2019	0	4	2	3	3	0	0	12
2020	0	1	3	2	4	0	0	10
Avg	0	2	2	2	4	1	0	11

68-3

126

Proposal 68 — Unit 11 Brown Bear

No conservation concern:

- Limited desirability of hide and meat in July and early August
- Low success and limited popularity of brown bear archery hunting outside of baiting season
- Much of Unit 11 is protected (NPS)
- Protection of cubs and sows with cubs protects population

68-4

127

Proposal 68 — Unit 11 Brown Bear

Extend general season for brown bear by bow and arrow only

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

68-5

128

Proposal 69 — Unit 13 Brown Bear

Increase brown bear bag limit

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

69-1

129

Proposal 69 — Unit 13 Brown Bear

Background:

- 1995 BOG directive: reduce brown bear population

Regulatory Year	Independent Bears	All Bears
1998	21.3/1,000 km^2	27.5/1,000 km^2
2011	13/1,000 km^2	20.4/1,000 km^2
2022	TBD	TBD

69-2

130

Proposal 69 — Unit 13 Brown Bear

Considerations:

- Harvest rate is increasing as population declines
- 2022 survey coming up
- Maintaining current harvest rates may not be sustainable in the long-term
- Unit 13 ungulate populations doing well

69-3

131

Proposal 69 — Unit 13 Brown Bear

Increase brown bear bag limit

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

69-4

132

Proposal 218 — Unit 13 Brown Bear

Increase brown bear bag limit

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

218-1

133

Proposal 218 — Unit 13 Brown Bear

Background:

- 1995 BOG directive: reduce brown bear population

Nelchina Basin CMR Survey Results

Regulatory Year	Independent Bears	All Bears
1998	21.3/1,000 km^2	27.5/1,000 km^2
2011	13/1,000 km^2	20.4/1,000 km^2
2022	TBD	TBD

218-2

134

Proposal 218 — Unit 13 Brown Bear

Considerations:

- Harvest rate is increasing as population declines
- Percent of females in harvest has increased
- 2022 survey coming up
- Maintaining current harvest rates may not be sustainable in the long-term
- Unit 13 ungulate populations doing well

218-3

135

Proposal 218 — Unit 13 Brown Bear

Unit 13 Brown Bear Harvest by Subunit

RY	13A	13B	13C	13D	13E	Unit 13 Total
2016	32	28	10	32	45	147
2017	27	29	9	29	54	148
2018	24	32	8	25	59	148
2019	29	28	11	27	38	133
2020	20	19	14	20	64	137
Average	*26*	*27*	*10*	*27*	*52*	*143*

Unit 13 Bear Bait Stations by Subunit

RY	13A	13B	13C	13D	13E	Unit 13 Total
2016	24	25	17	142	44	262
2017	25	31	18	145	49	284
2018	20	26	12	138	62	279
2019	22	23	18	114	52	232
2020	39	25	7	124	52	247
Average	26	26	14	133	52	261

218-4

136

Proposal 218 — Unit 13 Brown Bear

Increase brown bear bag limit

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

218-5

137

Proposal 70 — Unit 13 Bears

Establish a fall bear baiting season

Department Recommendation: **Neutral** on means but **Opposed** to additional brown bear harvest

Matanuska Valley Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

70-1

138

Proposal 70 — Unit 13 Bears

Current bear baiting season:

- April 15 – June 30

Proposed additional baiting season:

- August 20 – October 15

70-2

139

Proposal 70 — Unit 13 Bears

Considerations:

- Unit 13 brown bear population counter-indicative to additional harvest
- Unit 13 ungulate populations doing well
- Unit 13 caribou seasons start August 1st and moose seasons start August 20th. Caribou and moose seasons go through Sept. 20.
  - Very high density of hunters during this period
  - Increased likelihood of negative human wildlife interactions if bear bait sites are active

70-3

140

Proposal 70 — Unit 13 Bears

Establish a fall bear baiting season

Department Recommendation: **Neutral** on means but **Opposed** to additional brown bear harvest

Matanuska Valley Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

70-4

141

Proposal 220 — Unit 13 IM

Close Unit 13A to all moose and wolf hunting for 5 years

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

220-1

142

Proposal 220 — Unit 13 IM

Population Objectives & Current Estimates

*DM325

Subunit	Abundance Index	Harvest	Bull to-Cow
13A*	**3,500–4,200**	**210–420**	**25 : 100**
3yr average	4,112	270	25 : 100
13B	**5,300–6,300**	**310–620**	**25 : 100**
3yr average	4,099	205	29 : 100
13C	**2,000–3,000**	**155–350**	**25 : 100**
3yr average	3,263	83	23 : 100
13D**	**1,200–1,900**	**75–190**	**25 : 100**
3yr average	1,191	88	79 : 100
13E	**5,000–6,000**	**300–600**	**25 : 100**
3yr average	6,297	182	24 : 100

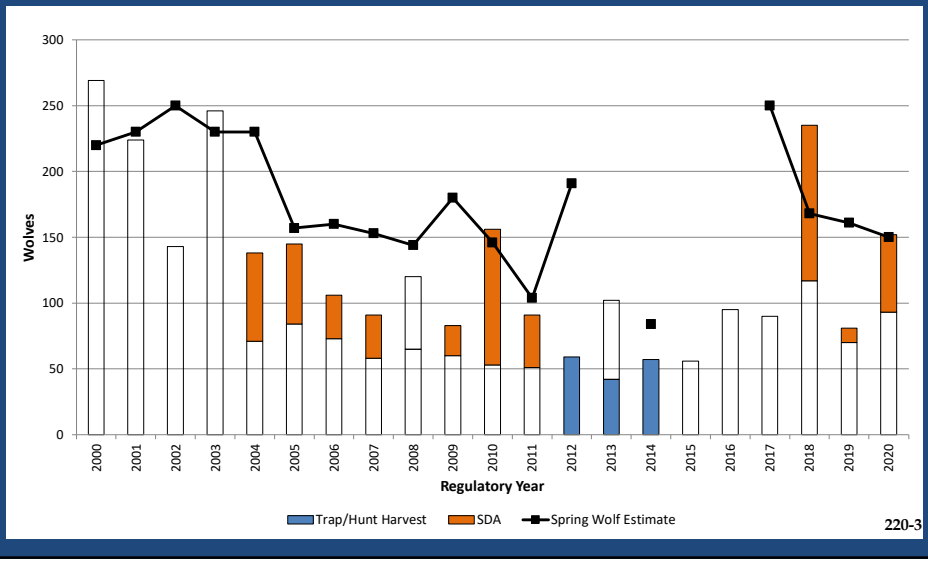
**13D is outside of wolf predation control area

220-2

143

Proposal 220 — Unit 13 IM

Unit 13 Annual Wolf Removal & Spring Population Estimates



220-3

144

Proposal 220 Unit 13 IM

Considerations:

- Harvestable surplus of both moose & wolves available in 13A.
- Adequate opportunity?

220-4

145

Proposal 220 Unit 13 IM

Close Unit 13A to all moose and wolf hunting for 5 years

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

220-5

146

Proposal 71 Unit 13 Wolverine

Extend wolverine hunting season

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

71-1

147

Proposal 71 Unit 13 Wolverine

Current State Wolverine Seasons:
- Hunting: September 1 – January 31
- Trapping: November 10 – February 15

Federal Subsistence Wolverine Seasons:
- Hunting: September 1 – February 28
- Trapping: November 10 – February 28

Proposed State Wolverine Season:
- Hunting: September 1 – last day of February

71-2

148

Proposal 71 Unit 13 Wolverine

Wolverine harvest in Unit 13

	Hunted and Trapped				Taken by Ground Shooting		Taken under Hunting License	
RY	Males	Females	Unk.	Total	Harvest	% of total	Harvest	% of total
2015	43	28	8	79	2	3%	1	1%
2016	29	18	1	48	0	0%	-	-
2017	20	16	3	39	5	13%	1	3%
2018	35	23	2	60	3	5%	3	5%
2019	26	15	1	42	3	7%	2	5%
2020	47	24	0	71	5	7%	2	3%

71-3

149

Proposal 71 Unit 13 Wolverine

Extend wolverine hunting season

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

71-1

150

Proposal 72 — Unit 13 Wolverine

Extend wolverine trapping season

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

72-1

151

Proposal 72 — Unit 13 Wolverine

Current State Wolverine Seasons:
- Hunting: September 1 – January 31
- Trapping: November 10 – February 15

Federal Subsistence Wolverine Seasons:
- Hunting: September 1 – February 28
- Trapping: November 10 – February 28

Proposed State Wolverine Season:
- Trapping: November 10 – last day of February

72-2

152

Proposal 72 Unit 13 Wolverine

State Wolverine Trapping Season Extended:

- Season closure changed from Jan 31 to Feb 15
- Effective RY18
- AC proposal was to extend to end of Feb;
  - Feb 15 was chosen as compromise between extended season and biological concerns

72-3

153

Proposal 72 Unit 13 Wolverine

Chronology of wolverine harvest in Unit 13

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	*n*
2015	1	0	4	25	49	0	0	79
2016	0	0	2	9	36	0	1	48
2017	3	0	2	8	26	0	0	39
2018	2	0	4	18	25	11	0	60
2019	1	0	5	8	23	5	0	42
2020	3	0	5	18	36	9	0	71

72-4

154

Proposal 72 — Unit 13 Wolverine

Extend wolverine trapping season

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

72-5

155

Proposal 73 — Unit 13 Wolverine

Extend wolverine trapping season

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

73-1

156

Proposal 73 — Unit 13 Wolverine

Current State Wolverine Seasons:
- Hunting: September 1 – January 31
- Trapping: November 10 – February 15

Federal Subsistence Wolverine Seasons:
- Hunting: September 1 – February 28
- Trapping: November 10 – February 28

Proposed State Wolverine Season:
- Trapping: November 10 – last day of February

73-2

157

Proposal 73 — Unit 13 Wolverine

State Wolverine Trapping Season Extended:
- Season closure changed from Jan 31 to Feb 15
- Effective RY18
- AC proposal was to extend to end of Feb;
  - Feb 15 was chosen as compromise between extended season and biological concerns

73-3

158

Proposal 73 Unit 13 Wolverine

Chronology of wolverine harvest in Unit 13

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	n
2015	1	0	4	25	49	0	0	79
2016	0	0	2	9	36	0	1	48
2017	3	0	2	8	26	0	0	39
2018	2	0	4	18	25	11	0	60
2019	1	0	5	8	23	5	0	42
2020	3	0	5	18	36	9	0	71

73-4

159

Proposal 73 Unit 13 Wolverine

Extend wolverine trapping season

Department Recommendation: **NEUTRAL**

Copper Basin Advisory Committee

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

73-1

160

Proposal 221 — Unit 13 Fur

Align otter trapping season with beaver trapping season

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

221-1

161

Proposal 221 — Unit 13 Fur

Current Season

- Nov 10 Mar 31
- Otter season currently aligns between all Region IV Units.

Proposed Season

- Sept 25 May 31
- Longest otter season in the state.

221-2

162

Proposal 221 Unit 13 Fur

Considerations:

- Breeding season.
- Pupping season and recruitment.
- Beavers (herbivore) are more abundant than river otters (carnivore)
- Incidental catch of species such as waterfowl should be considered

RY	River Otter Harvest	Beaver Harvest
2016	21	142
2017	31	146
2018	46	104
2019	28	226
2020	32	178

221-3

163

Proposal 221 Unit 13 Fur

Align otter trapping season with beaver trapping season

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

221-1

164

Proposal 75 Unit 13 Special Use Areas

Close the Tokositna State Recreation Area to the use of airboats for hunting

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

75-1

165

Proposal 75 Unit 13 Special Use Areas

75-2

166

Proposal 75 Unit 13 Special Use Areas

Moose hunters & harvest in the area of the Tokositna River and Ruth River in Unit 13E

RY	Moose Hunters	Moose Harvested
2015	1	1
2016	2	1
2017	3	2
2018	1	0
2019	7	4
2020	6	2

75-3

167

Proposal 75 Unit 13 Special Use Areas

Close the Tokositna State Recreation Area to the use of airboats for hunting

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

75-4

168

Proposal 222 — Unit 13 Ptarmigan

Extend ptarmigan season dates (Aug 10 to Mar 31)
Reduce daily bag limit (10/day to 5/day)
in Unit 13

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

222-1

169

Proposal 222 — Unit 13 Ptarmigan

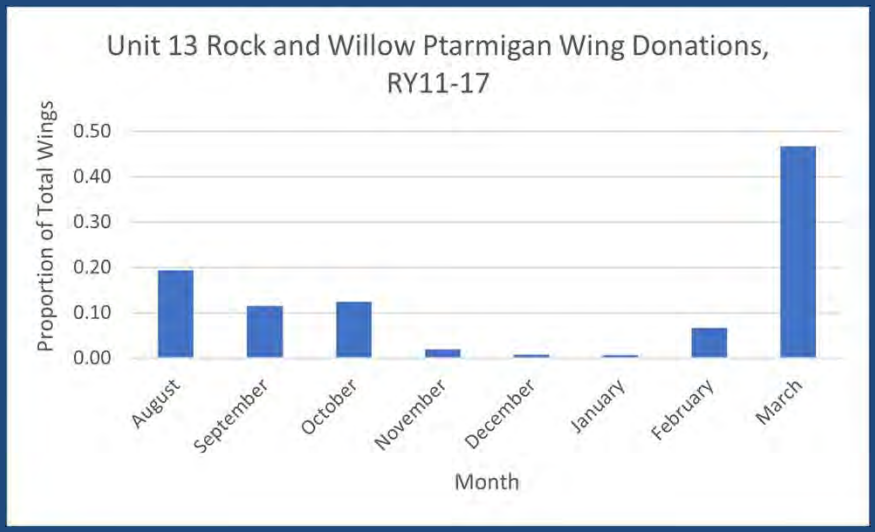
Background:

1. 2009-2018: season closure dates:
   1. Unit 13B: **30 November**,
   2. Unit 13E: **31 March**,
2. February 2018, BOG changed:
   1. Unit 13B and 13E: **15 February**,
   2. FSB adopted similar regulations in 2019 based on concerns from public.

222-2

170

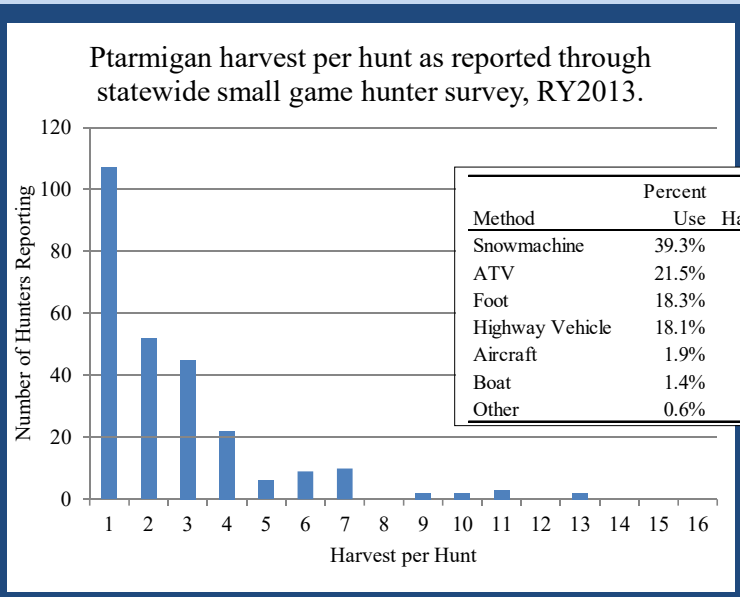
Proposal 222 Unit 13 Ptarmigan



222-3

171

Proposal 222 Unit 13 Ptarmigan



Method	Percent Use	Average Harvest/Hunt
Snowmachine	39.3%	2.2
ATV	21.5%	1.5
Foot	18.3%	1.3
Highway Vehicle	18.1%	1.5
Aircraft	1.9%	1.9
Boat	1.4%	1.3
Other	0.6%	0.1

222-4

172

Proposal 222 Unit 13 Ptarmigan

	Unit 13B			Unit 13E		
	Mean	Confidence Interval		Mean	Confidence Interval	
Year	(males/stop)	Lower	Upper	(males/stop)	Lower	Upper
2014	0.85	0.34 -	1.31	0.67	0.56 -	0.79
2015	**1.04**	0.74 -	1.29	0.57	0.53 -	0.60
2016	**1.76**	1.43 -	2.04	**0.95**	0.89 -	1.00
2017	**1.13**	0.89 -	1.45	0.74	0.57 -	0.90
2018	**2.31**	1.68 -	2.94	**0.60**	0.53 -	0.67
2019	**1.29**	1.04 -	1.60	**1.35**	1.27 -	1.43
2020	1.32	1.00 -	1.59	**0.25**	0.08 -	0.42
2021	1.07	0.76 -	1.42	0.37	0.30 -	0.43

222-5

173

Proposal 222 Unit 13 Ptarmigan

Harvest vs. Opportunity

222-6

174

Proposal 222 — Unit 13 Ptarmigan

Extend ptarmigan season dates (Aug 10 to Mar 31)
Reduce daily bag limit (10/day to 5/day)
in Unit 13

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

222-1

175

Proposal 76 — Unit 13 Ptarmigan

Extend ptarmigan season dates (Aug 10 to Mar 31)
Reduce daily bag limit (10/day to 5/day)
In units 13B and 13E

Department Recommendation: **OPPOSED**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

76-1

176

Proposal 76 Unit 13 Ptarmigan

Background:

1. 2009-2018: season closure dates:
   1. Unit 13B: **30 November**,
   2. Unit 13E: **31 March**,

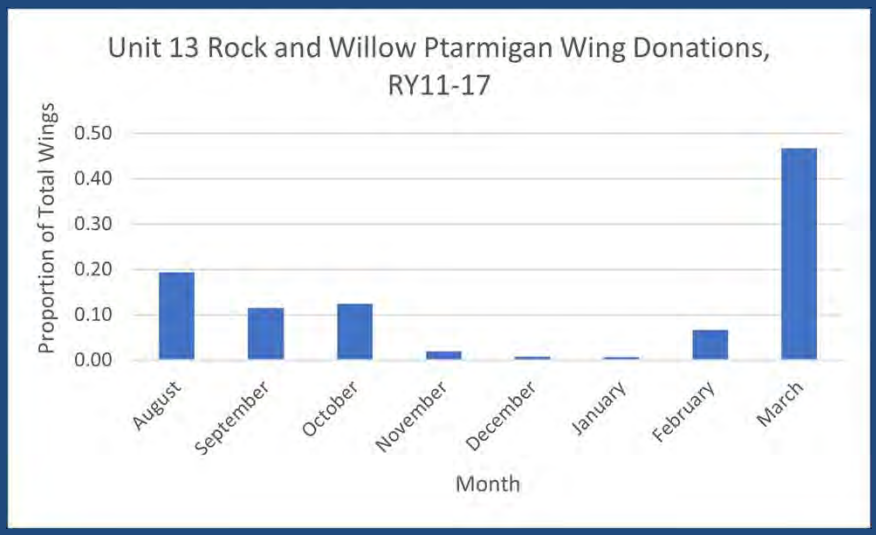
2. February 2018, BOG changed:
   1. Unit 13B and 13E: **15 February**,

   2. FSB adopted similar regulations in 2019 based on concerns from public.

76-2

177

Proposal 76 Unit 13 Ptarmigan

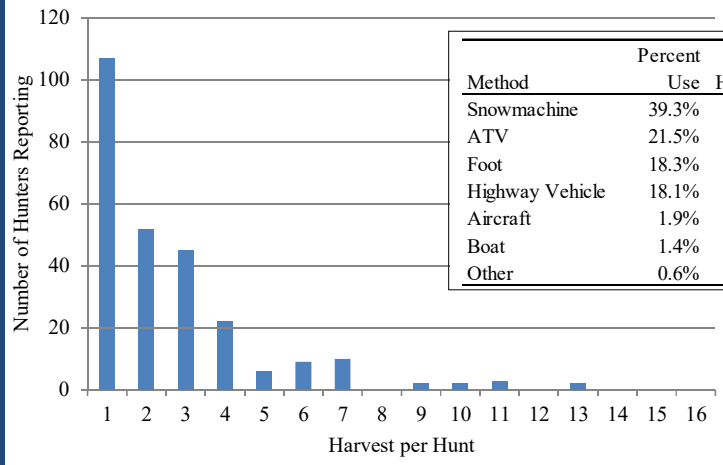


76-3

178

Proposal 76 Unit 13 Ptarmigan

Ptarmigan harvest per hunt as reported through statewide small game hunter survey, RY2013.



Method	Percent Use	Average Harvest/Hunt
Snowmachine	39.3%	2.2
ATV	21.5%	1.5
Foot	18.3%	1.3
Highway Vehicle	18.1%	1.5
Aircraft	1.9%	1.9
Boat	1.4%	1.3
Other	0.6%	0.1

76-4

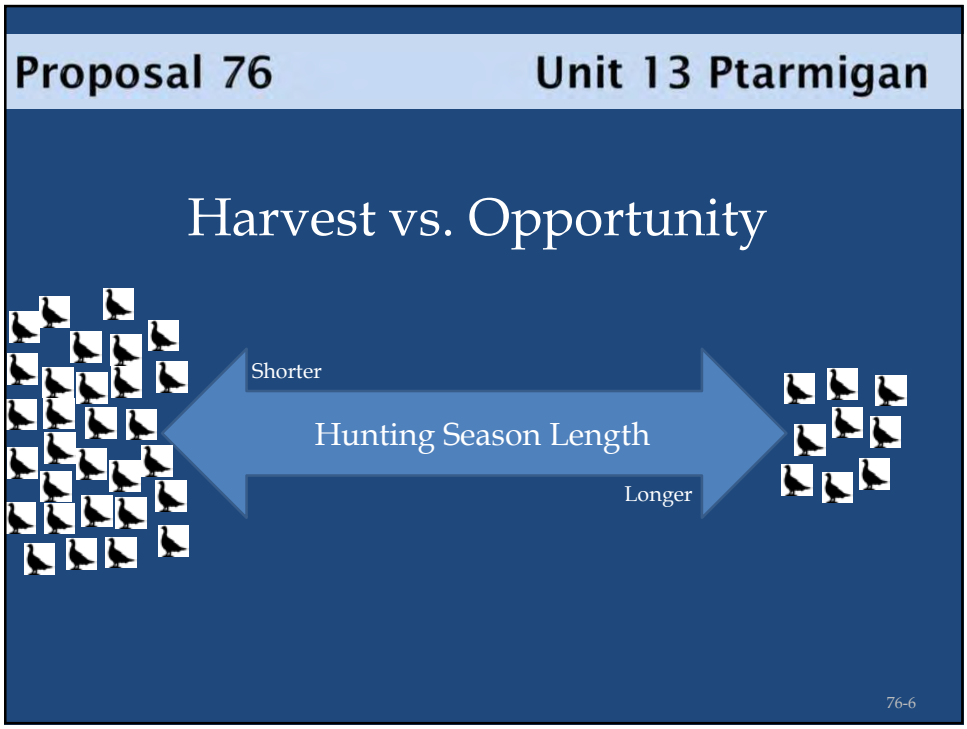
179

Proposal 76 Unit 13 Ptarmigan

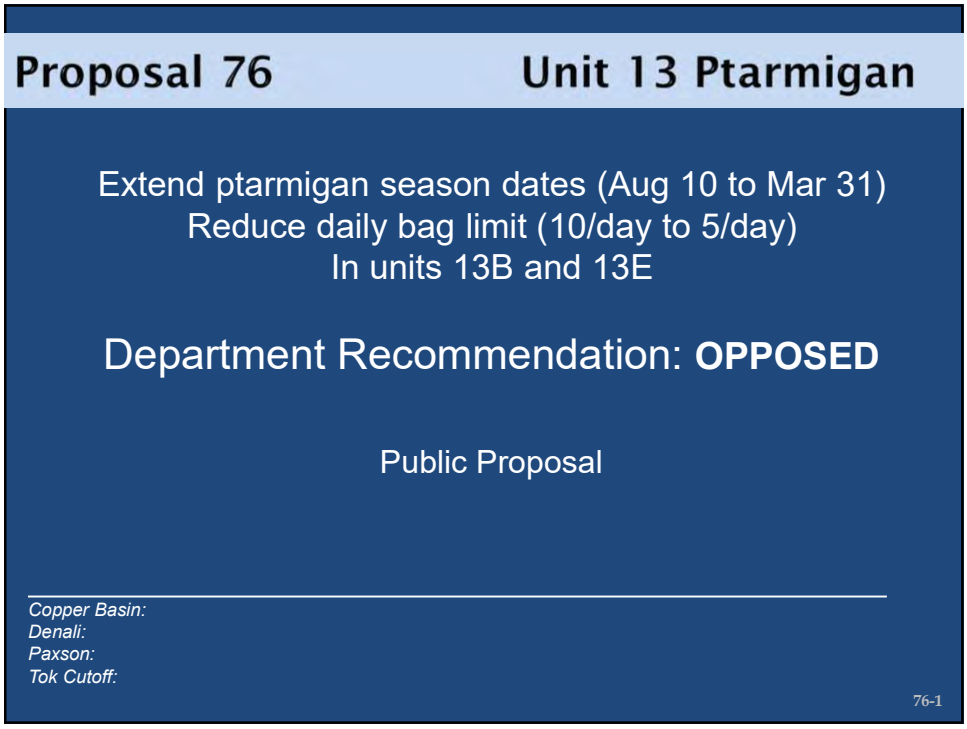
	Unit 13B			Unit 13E		
	Mean	Confidence Interval		Mean	Confidence Interval	
Year	(males/stop)	Lower	Upper	(males/stop)	Lower	Upper
2014	0.85	0.34 -	1.31	0.67	0.56 -	0.79
2015	**1.04**	0.74 -	1.29	0.57	0.53 -	0.60
2016	**1.76**	1.43 -	2.04	**0.95**	0.89 -	1.00
2017	**1.13**	0.89 -	1.45	0.74	0.57 -	0.90
2018	**2.31**	1.68 -	2.94	**0.60**	0.53 -	0.67
2019	**1.29**	1.04 -	1.60	**1.35**	1.27 -	1.43
2020	1.32	1.00 -	1.59	**0.25**	0.08 -	0.42
2021	1.07	0.76 -	1.42	0.37	0.30 -	0.43

76-5

180


Proposal 76
Unit 13 Ptarmigan
Harvest vs. Opportunity
Shorter
Hunting Season Length
Longer
76-6

181


Proposal 76
Unit 13 Ptarmigan
Extend ptarmigan season dates (Aug 10 to Mar 31)
Reduce daily bag limit (10/day to 5/day)
In units 13B and 13E
Department Recommendation: OPPOSED
Public Proposal
Copper Basin:
Denali:
Paxson:
Tok Cutoff:
76-1

182

Proposal 77 — Unit 13B Ptarmigan

Create youth ptarmigan hunt in Unit 13B

Department Recommendation: **NEUTRAL**

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

77-1

183

Proposal 77 — Unit 13B Ptarmigan

Proposal:

1. Where: Unit 13B
1. When: 10 – 24 August
1. Who: hunters < 16 YOA

77-2

184

Proposal 77 Unit 13B Ptarmigan

Background:

1. Unit 13B has been open to ALL hunters beginning 10 August.
2. Majority of harvest in 13B occurs during August

77-3

185

Proposal 77 Unit 13B Ptarmigan

Current Small Game Youth Hunt Requirements

1. Youth must be ≤ 17 YOA
2. Successfully completed certified basic hunter ed course OR accompanied by licensed adult ≥ 21 YOA with certified basic hunter ed
3. Hunter orange vest/coat required while hunting for Hatcher Pass Youth Hunt

77-4

186

Proposal 77 Unit 13B Ptarmigan

Create youth ptarmigan hunt in Unit 13B

Public Proposal

Department Recommendation: **NEUTRAL**

Copper Basin:
Denali:
Paxson:
Tok Cutoff:

77-5

187