

LC130

Proposal 94: Open a nonresident moose hunting season in subunit 16B

Proposal 99: Eliminate the winters season for moose hunts in subunit 16B

Department Recommendation:

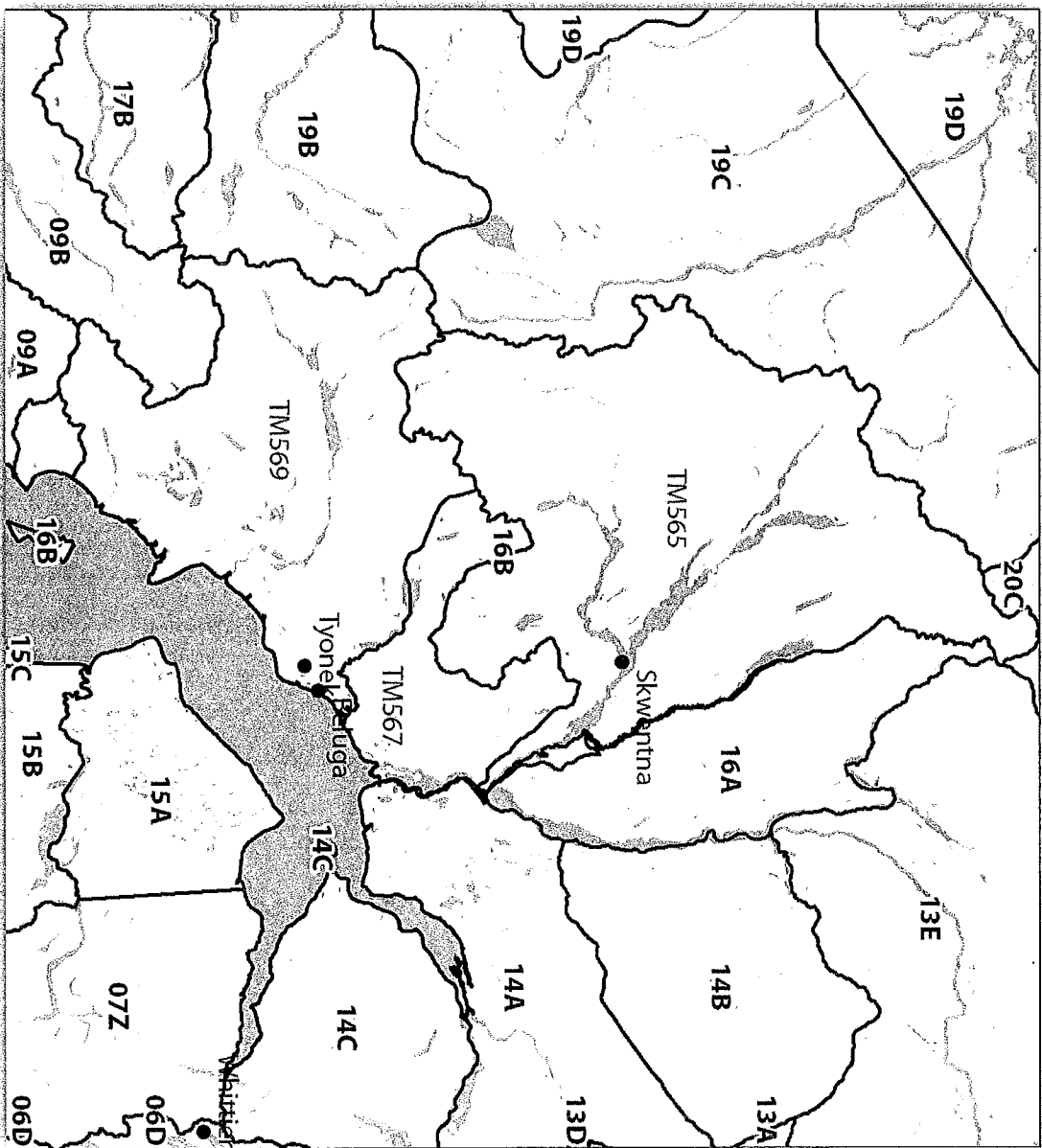
Proposal 94: Amend and Adopt.

Proposal 99: Do Not Adopt.

Southcentral/Southwest Region Meeting Extension (Region II & IV)
March 25, 2011



Subunit 16B and Tier II Moose Hunting Areas



State Subsistence Procedures

Board Findings for 16B Moose

- Is there Customary and Traditional Use of 16B Moose?
 - Yes, positive finding in 1983; readopted in 1993.
- Is there a “Harvestable Surplus” of 16B Moose?
 - Yes, 250+ moose based on biological information.



State Subsistence Procedures

Board Findings for Subunit 16B Moose

- What is the Amount reasonably Necessary for Subsistence?
 - Unit 16(B) (Kalgin Island) 2
 - Unit 16(B) (Redoubt Bay drainages) 10
 - Unit 16(B), that portion south of the Beluga River and north of Redoubt Bay 29-37
 - Unit 16(B), that portion north of the Beluga River 160-180
- Does the harvestable surplus allow for all or only some uses?
 - This is a Board determination



Harvest and Use Patterns

Outline:

- GMU 16B moose hunt history.
- Population of 16B communities.
- Overall harvest by major resource categories, 2005-2006.
- Hunting effort, Tyonek and Beluga, 2005-2006.
- Moose harvest, Tyonek and Beluga, 2005-2006.
- Hunting area by season, Tyonek and Beluga, 2005-2006.
- Harvest of moose by season, 2005-2006.
- Harvest of moose over time by season, TM569.
- Harvest of moose over time by season, TM 567 & 569.



GMU 16B moose hunt history

- Winter hunt available until the mid-1970s in GMU 16B.
 - Hunt was stopped due to increased pressure by urban hunters.
- 1980 – Tyonek Village Council sent a letter to Division of Subsistence which said “My people have a hard time getting moose to eat.”
 - Mt. Yenlo Fish and Game Advisory Committee also identified moose as an issue.
- 1981-1983: Division of Subsistence spent 2 years studying moose hunting patterns in Tyonek and Skwentna.
 - 1983: Positive C & T finding made.
 - Winter hunt established in March 1983.
 - Hunt by registration permits available in Tyonek and Skwentna
 - 200 other permits available by random draw.
- 1992: Tier II hunt established for winter hunt.
 - Hunt established based on decline of moose populations beginning in the late 1990s.
- 1999: Current Tier II/Tier I program with triggers for when to apply Tier II only versus Tier I and Tier II vs Tier II, Tier I and general harvest.



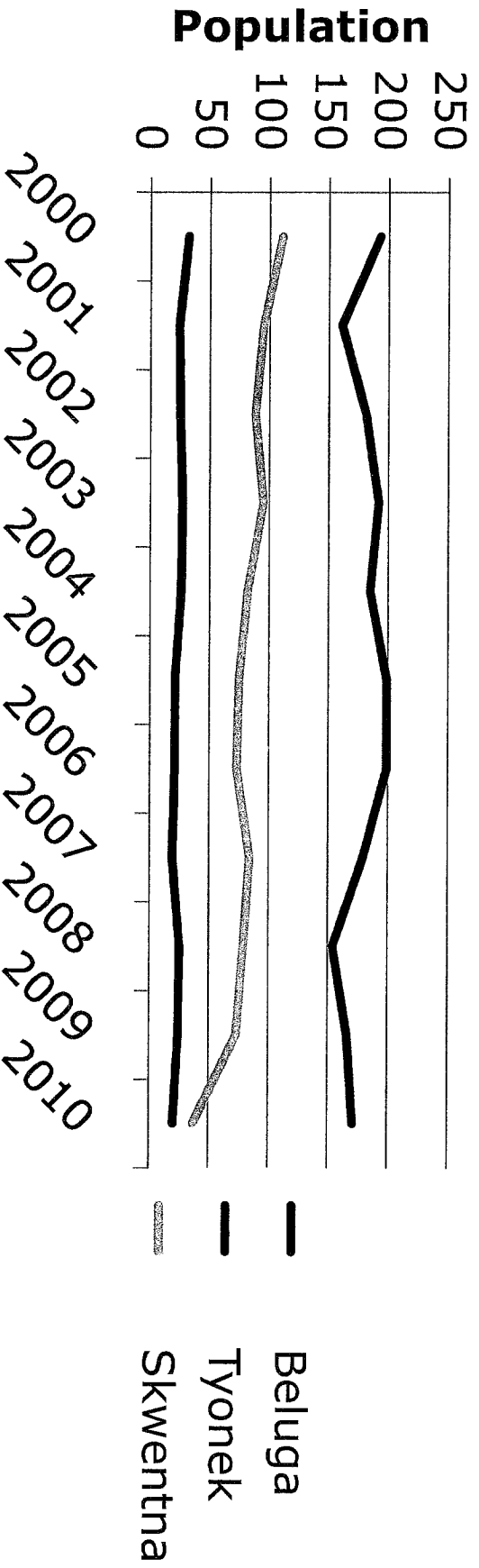
Populations of communities in GMU 16B, 2000-2010

Year	2000	2006 ^a	2010
Beluga	32	39	20
Tyonek	193	202	171
Skwentna	111	73 ^b	37

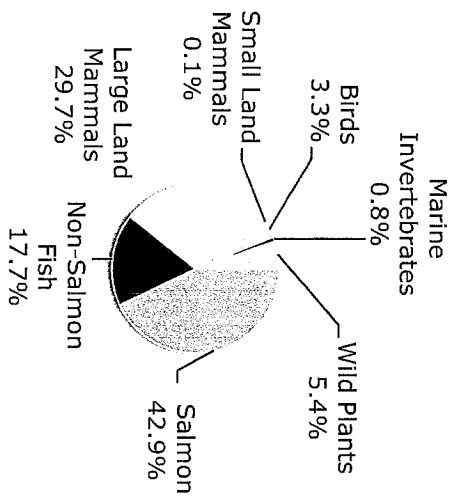
Source: U.S. Census Bureau 2011

^a Community Subsistence Information System (CSIS) 2011

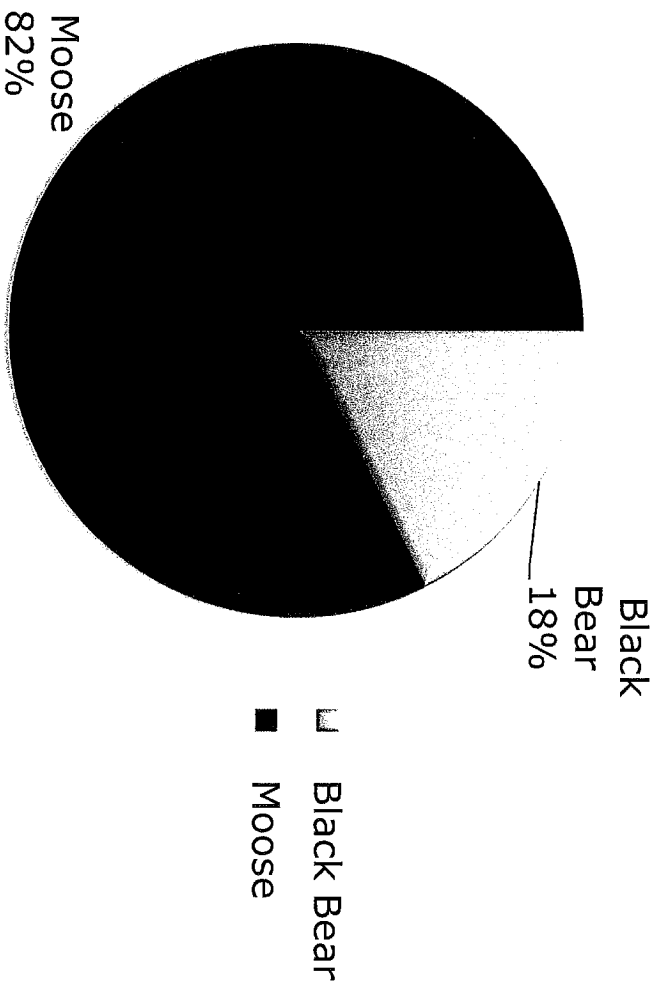
^b Alaska Department of Labor and Workforce Development, 2011



Wild Resource Harvests by Category, Beluga Residents, 2005-2006



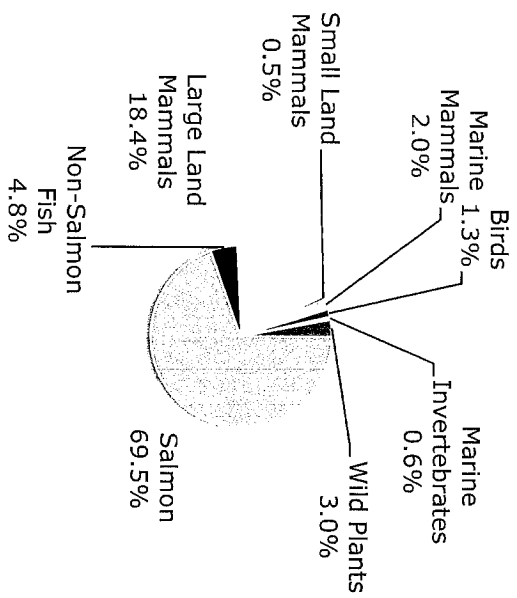
Harvest of large land mammals in lbs usable weight, Beluga, 2005-2006



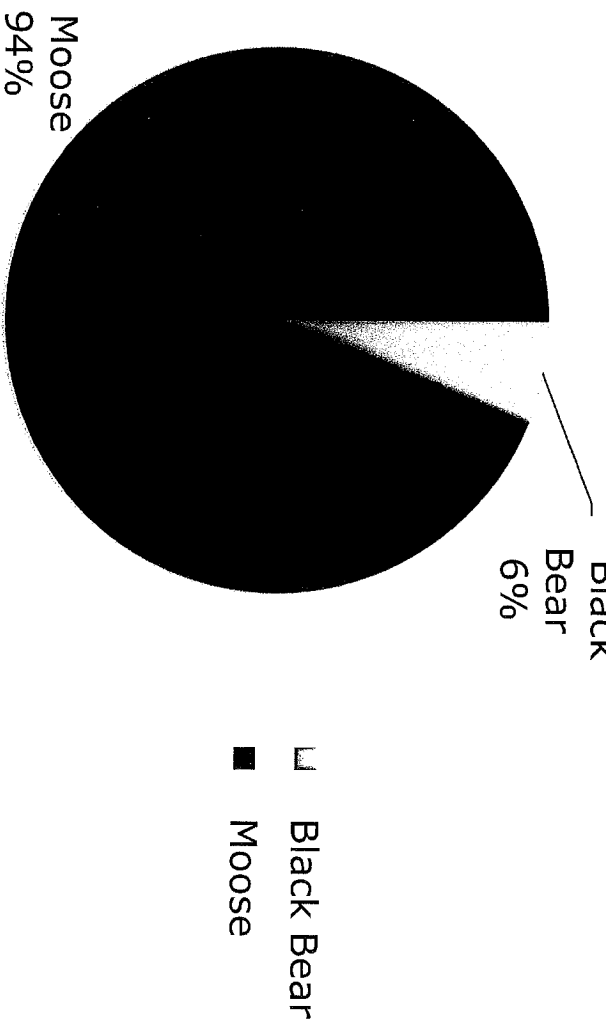
- Black Bear
- Moose



Wild Resource Harvests by Category, Tyonek Residents, 2005-2006



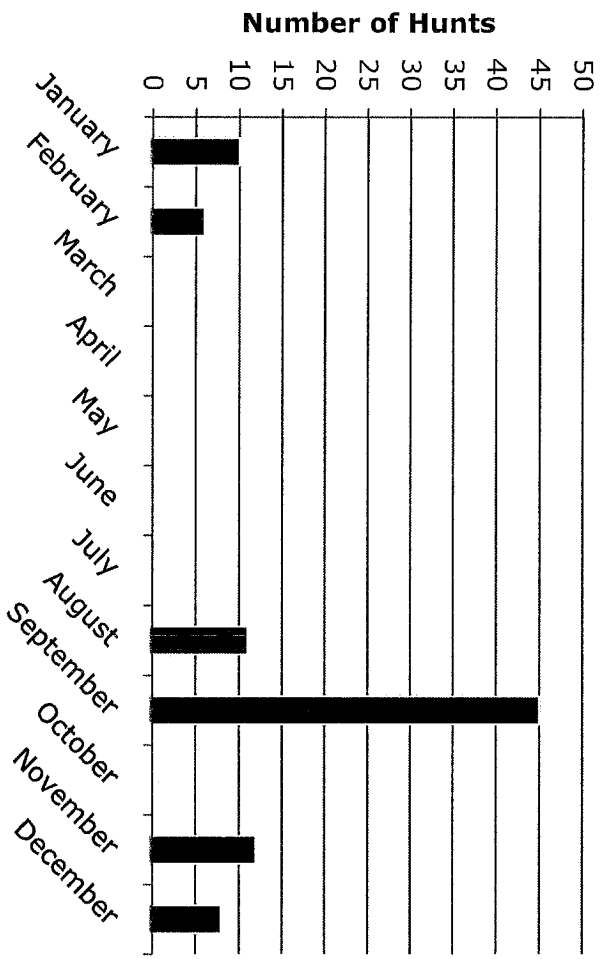
Harvest of large land mammals in lbs usable weight, Tyonek, 2005-2006



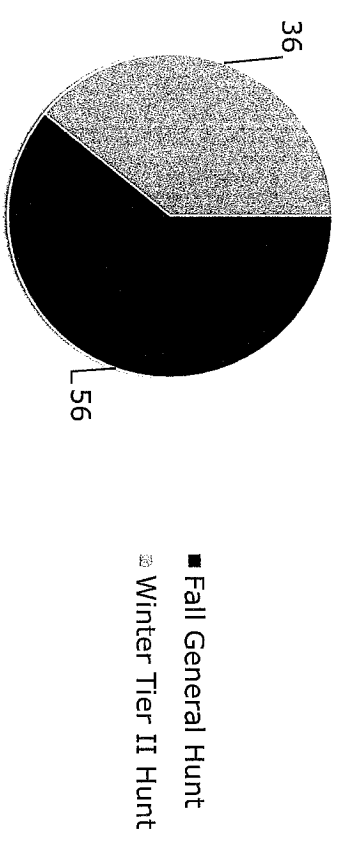
- ▣ Black Bear
- Moose



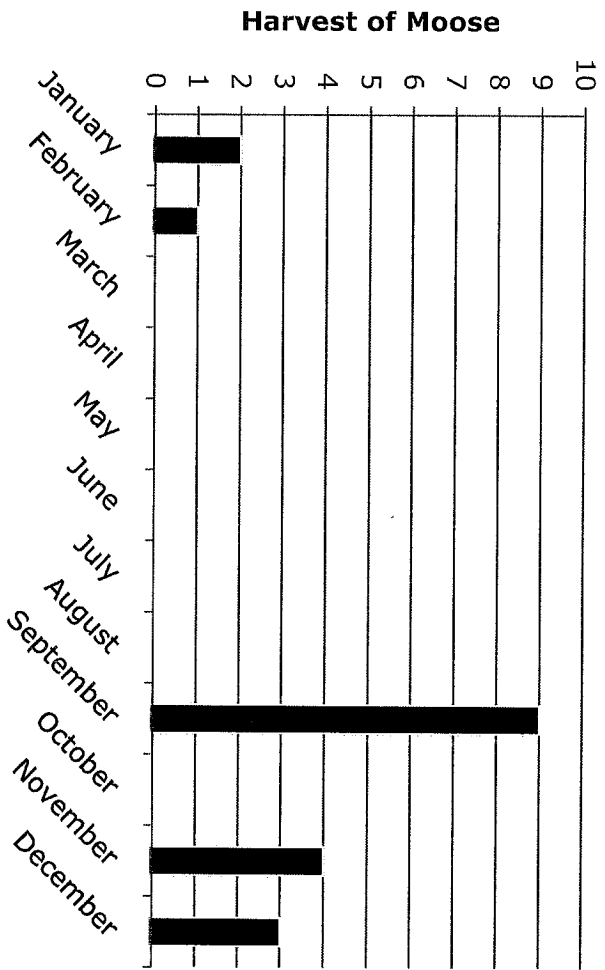
Hunting effort, Tyonek and Beluga combined 2005-2006



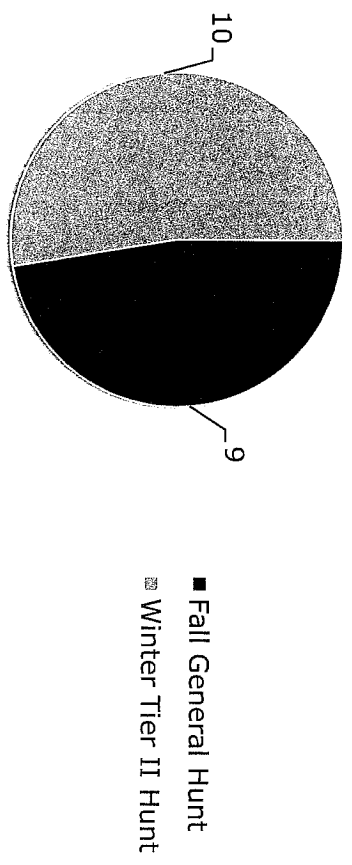
Number of Hunts, Tyonek and Beluga, 2005-2006

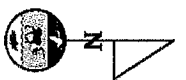
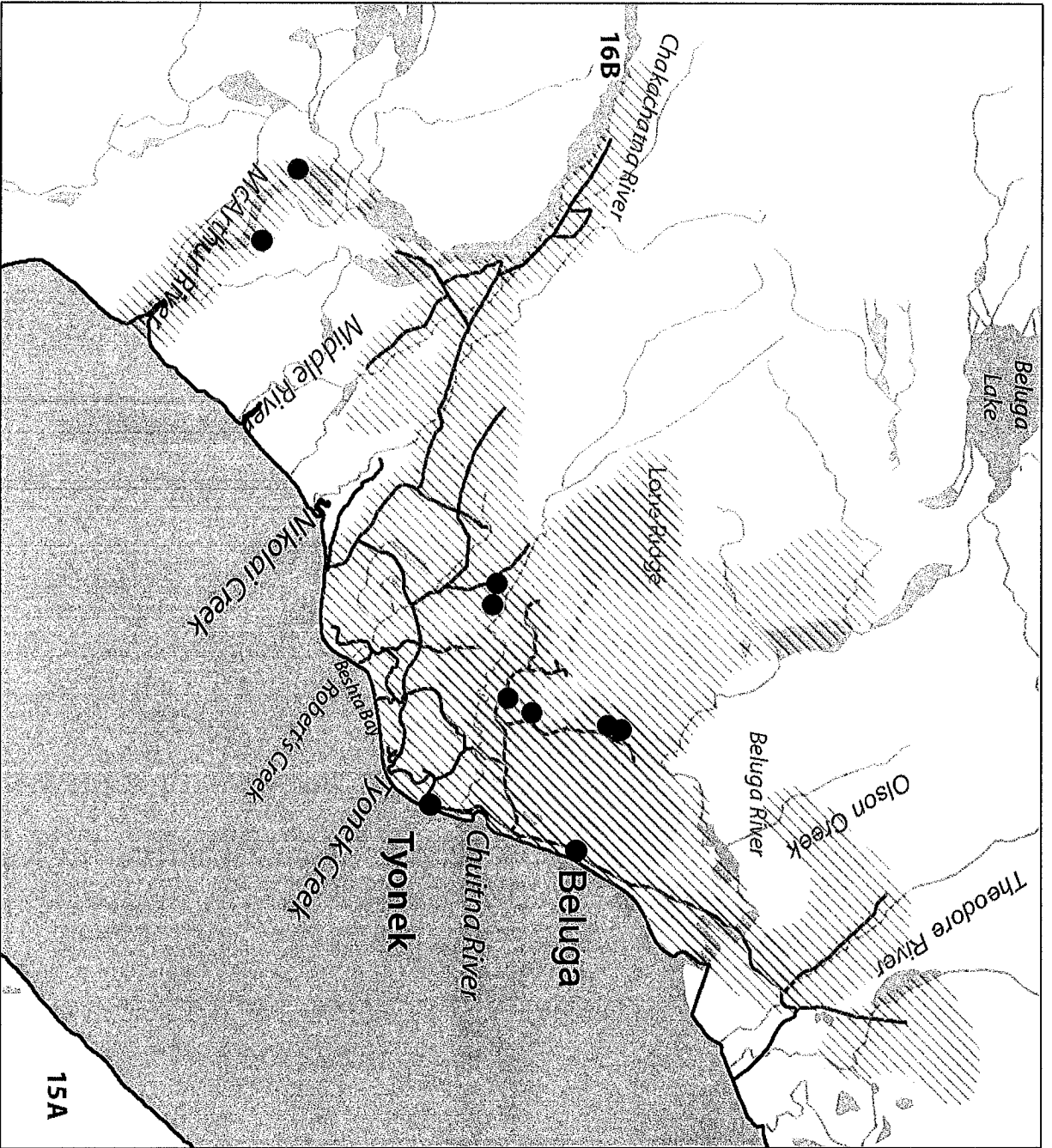


Moose harvest, Tyonek and Beluga, 2005-2006



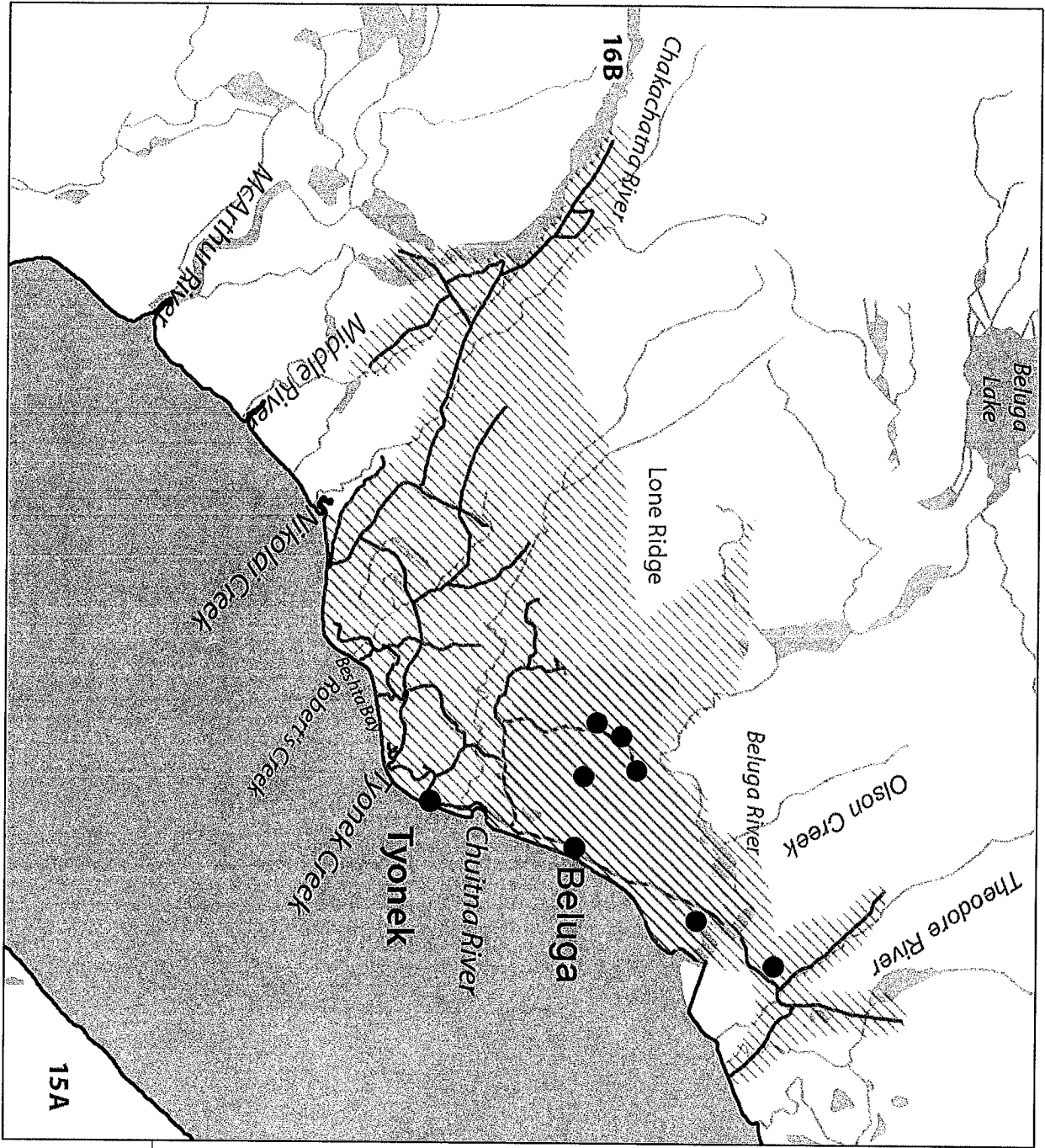
Number of moose harvested, Tyonek and Beluga, 2005-2006





- Fall General Hunt
- Tyonek & Beluga
- 2006 Study Communities
- Moose Harvests
- ///, Moose Hunting Area

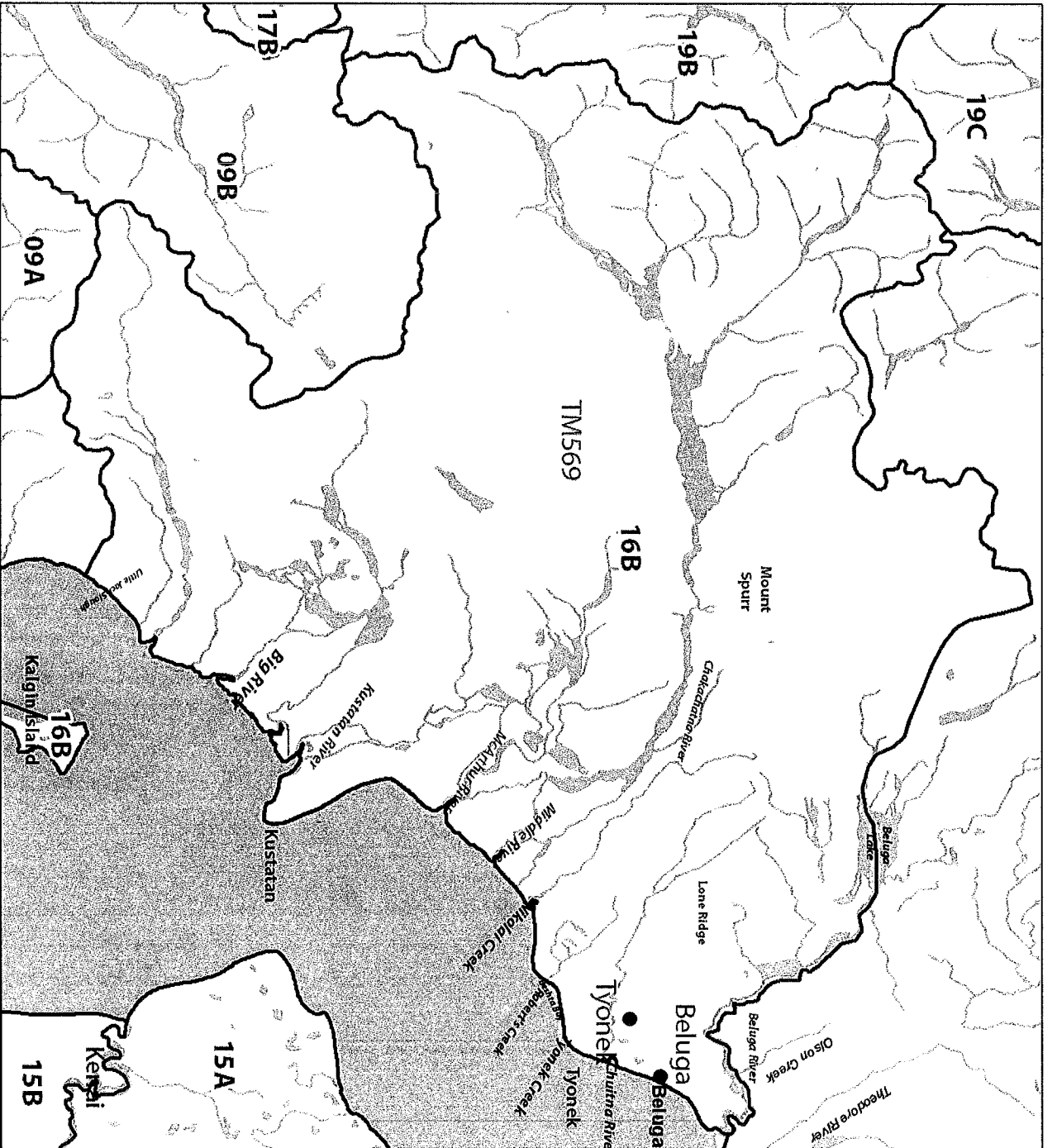




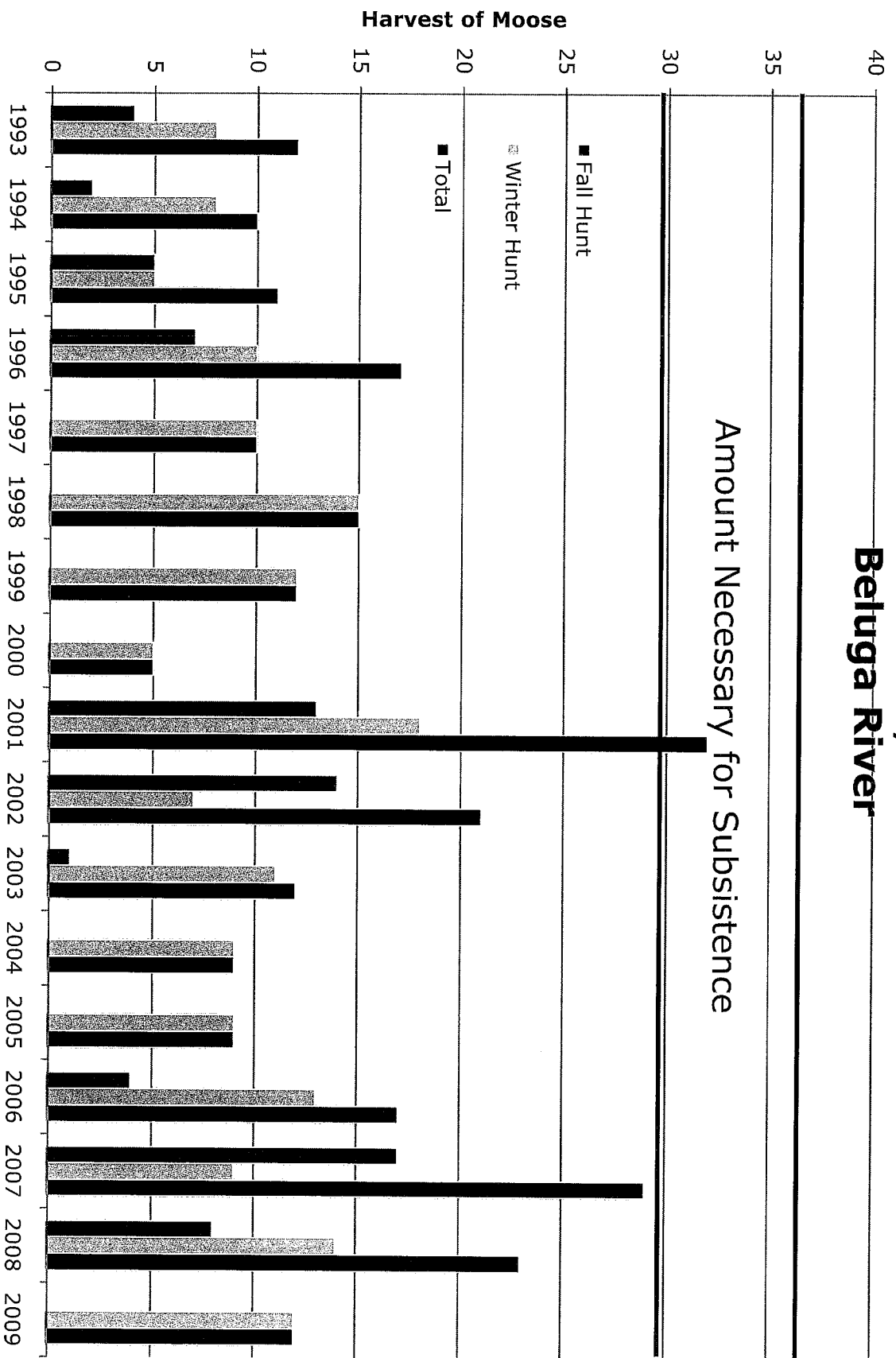
- Tier II Winter Hunt Tyonek & Beluga
- 2006 Study Communities
- Moose Harvests
- /// Moose Hunting Area



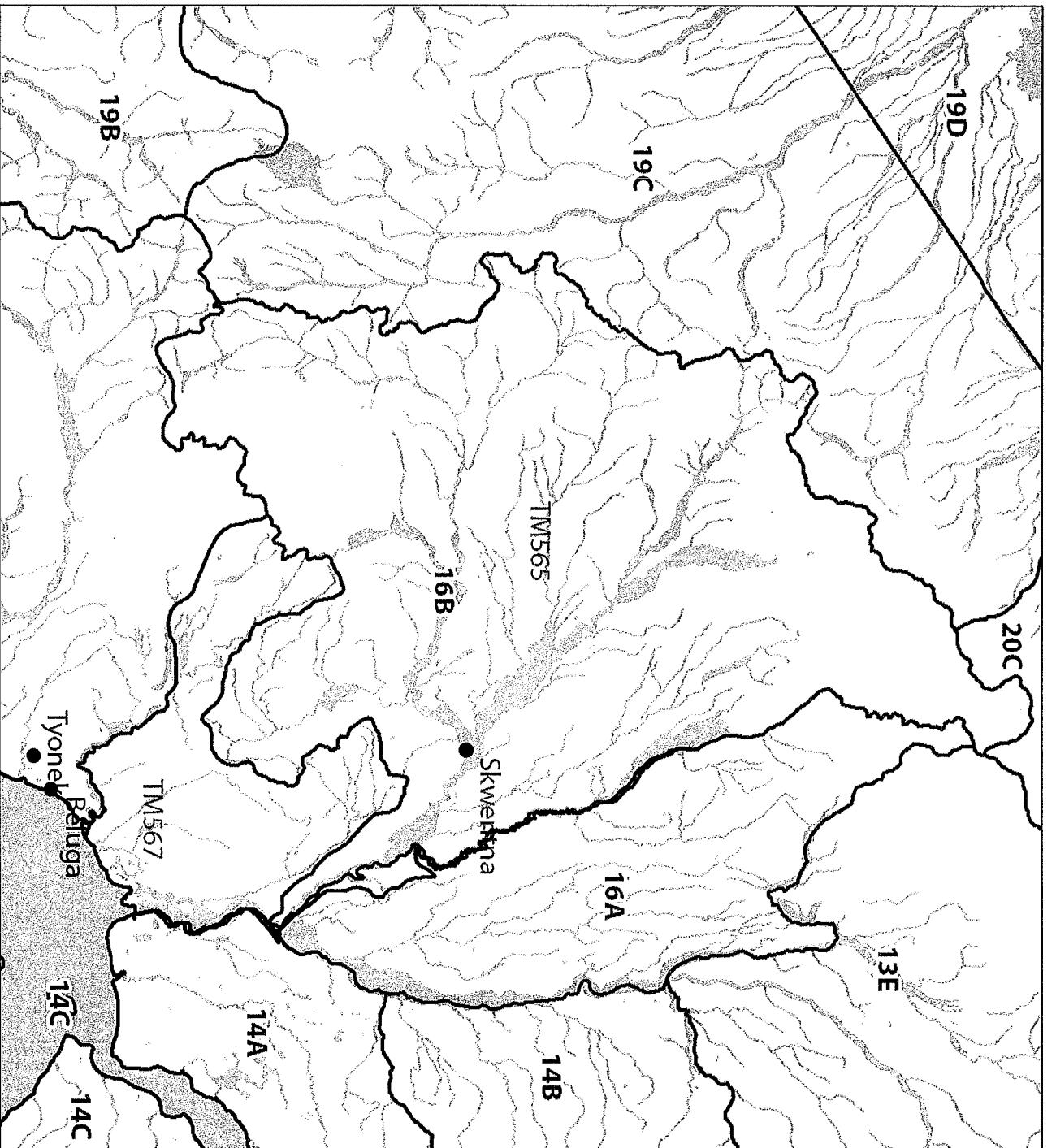
TM569, Unit 16B south
of the Beluga River



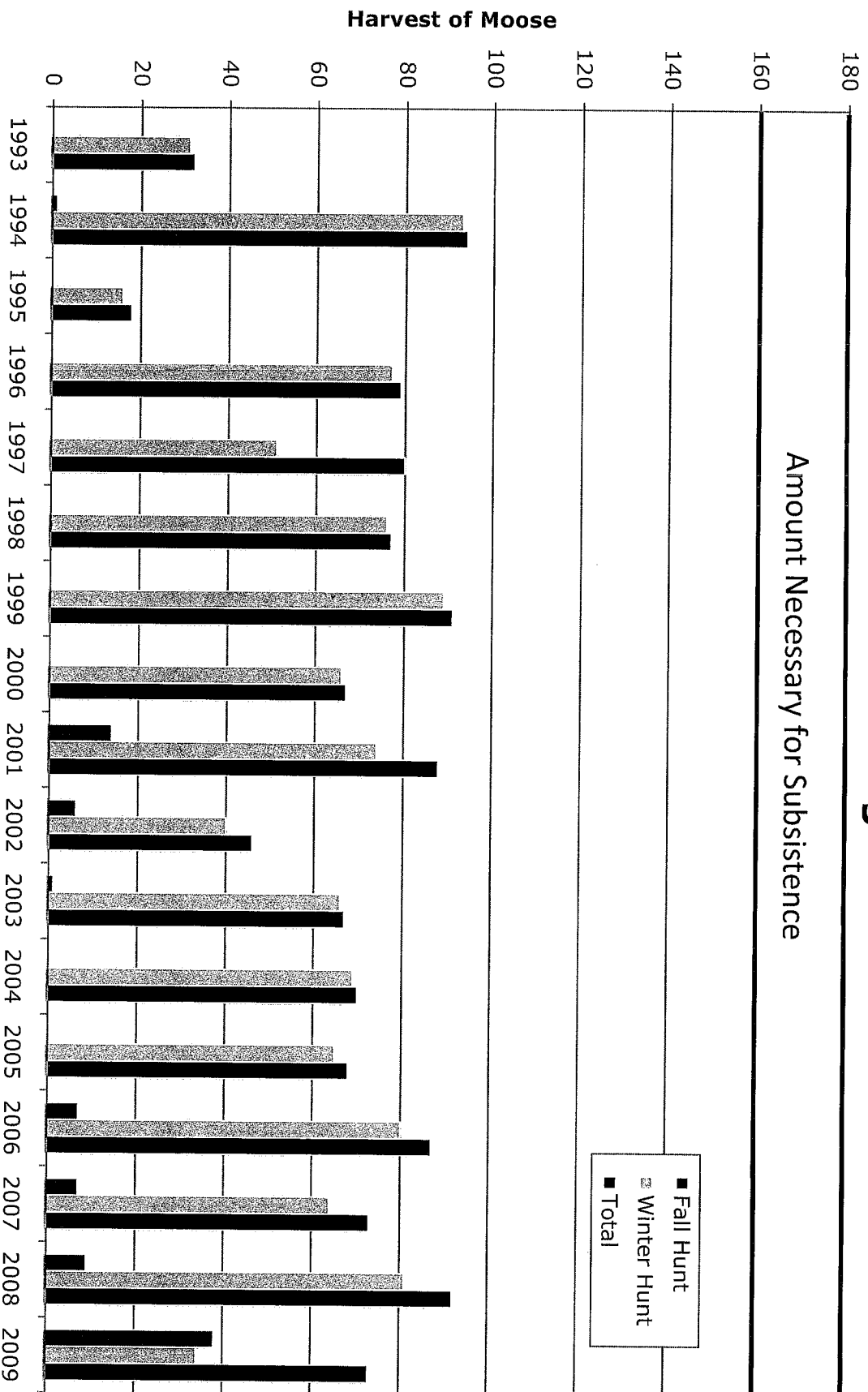
Harvest of moose in TM569, Unit 16B south of the Beluga River



TM565 & TM567,
Unit 16B north
of the Beluga River



Harvest of moose in TM565 and TM567, Unit 16B North of the Beluga River



Considerations:

- Customary and traditional use patterns persist in Tyonek. No new study in Skwentna since 1983.
- Over 50% of Tyonek and Beluga residents report fairly steady harvest over the past few years (5-years), however there is a longer term decline of moose in the immediate area.
- Residents report increased competition in the fall, especially near the Chakachatna River.
- Tyonek residents have refocused their hunting effort on the McArthur River but fuel costs have decreased effort recently.
- Although less effort in the winter there is greater success.



Proposals 94 & 99

Summary:

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