

Appendix 1. Agenda - original

- I. Agenda: CI beluga Recovery Management Model
 - Review of Modeling during and after the ALJ hearing (Rod or Dan) (1/2 hour)*
 - Deterministic Model (Draft EIS Model)
 - fixed policy for the first 4 years (2001-2004)
 - Data driven management approach
 - Current population data and estimation methods (1 hour)*
 - Annual abundance estimate (Rod)
 - Harvest (Barbara?)
 - Other mortalities (Barbara?)
 - Model basics (Andre) (1/2 hour)*
 - Relation between models and reality, why use a model. The population models that we are using, underlying assumptions and how it works
 - Projection (Andre) (1/2 hour)*
 - Delay in recovery calculation
 - The inputs and results from the population projection
 - Alternative models, what is not included in this model
 - Multiple simulation methods (Andre) (1/2 hour)*
 - Distribute parameters and initial values. Distribution of recovery times
 - Interpretation of the recovery time distribution as a probability of delay criteria
 - Advantages and disadvantages of this approach
 - Model parameters (Rod or Dan) (1 hour)*
 - Basis for identified priors of K, Rmax, MNPL and initial population size, biology, statistics
 - Recovery criteria (Rod or Dan) (1/2 hour)*
 - Policy choice for values of acceptable delay and confidence level
 - Recovery goals: fixed at 780, or determined as fraction estimate of K
 - Alternatives to the identified values
 - Sensitivity to changes in model parameters and recovery criteria
 - Current Technical Committee issues for discussion (1 hour)*
 - Trigger points vs whole model approach
 - Types of trigger points
 - Population size dependent
 - Size by date table
 - Growth rate dependent
 - Setting trigger points using Monte Carlo simulations
 - Annual analysis of data using the model and all available data
 - Comparison of using predetermined triggers annual reassessment using the full model and data.
 - Testing for model failure
 - Floor on abundance estimates
 - Estimating Rmax
 - Information / analyses to modify the range of parameter values
 - Policy issues*
 - Choice of performance measure. The current analyses emphasize the percent

delay. This is a perfectly reasonable performance measure but are there alternatives (e.g., those used by the IWC for bowheads) and statistics which might help non-experts understand better the results of the projections.

Consideration of policy variables. This is part of the TOR (not sure who leads this discussion but the agenda item needs to be there)

Harvest policy implications of non-subsistence harvest-related impacts. If the population declines (even in the absence of a harvest) due to other factors:

- poaching

- pollution

- noise

- boat interactions

- killer whale mortality

How to improve research and monitoring