



Northern Cod Rebuilding Plan Working Group

Kickoff Meeting

March 2, 2023

The 2020 Northern Cod Rebuilding Plan

- 2J3KL Northern cod was identified in the proposed list of prescribed major stocks for batch 1 under Bill C-68 of the Fisheries Act and as such required a RP.
- Plan published December 2020
- The plan identifies objectives and requirements for rebuilding 2J3KL Northern cod and the management measures that will be used to achieve these objectives.

Rebuilding Plan for Atlantic Cod (*Gadus morhua*) NAFO Divisions 2J3KL

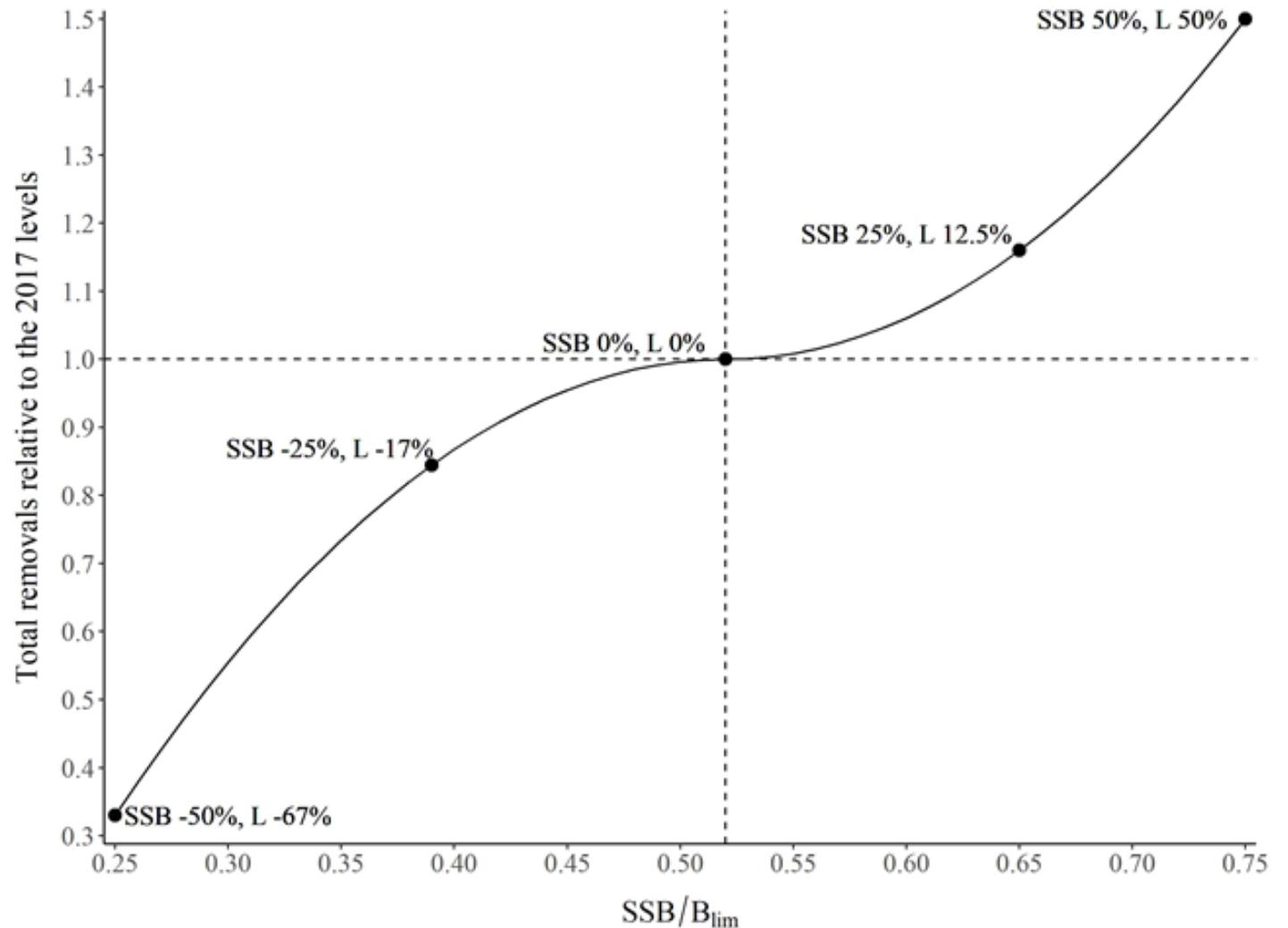


Elements of 2020 RP

- **Overview/Description of Stock Status**
- **Objectives** to promote stock growth out of the Critical zone
 - Short term:
 - “Increase the SSB beyond 75% Blim”
 - Long term:
 - “Have the SSB exceed Blim with high probability”

Elements of 2020 RP

- **Management Measures** to be implemented to support the rebuilding objectives:
 - Harvest Decision Rule
 - Gear Modifications and Restrictions
 - Management of Incidental Catch
 - Marine Conservation Areas
 - Monitoring
- **Evaluation and Performance Review**



L = total removals relative to 2017 level
SSB= Spawning stock biomass relative to 2017 levels

New Regulatory Requirements



- The existing rebuilding plan must be updated to align with new Guidelines for Implementing the Fish Stocks Provisions in the Fisheries Act.

Where do we stand?

Stock Status and trends	✓
Probable cause of decline	🕒
Measurable Objectives <ul style="list-style-type: none">• Rebuilding Target• Rebuilding Timeline• Additional Management Measures	✗ ✗ ✗
Management measures aimed at achieving objectives	🕒
Method to track progress for achieving each objective	🕒
Socio Economic Analysis	✗
Defined schedule for periodic review of Rebuilding Plan	🕒

Required Updates



Probable cause of decline

- Almost complete
- Must indicate whether the stock's decline is likely to be attributed to habitat loss.



Measurable Objectives

- Rebuilding Target
- Rebuilding Timeline
- Additional Management Objectives & Timelines

*Increase the SSB beyond 75% Blim
SSB exceed Blim with high probability*



Increase SSB above xx% of Blim within
xx years with a xx % probability



Management measures aimed at achieving objectives

- Includes all fishery management measures;
- Each measure must be linked to at least one objective;
- Requires a distinction between of existing and new management measures;
- Includes management measures with a very low likelihood (<5% probability) of causing further decreases in stock status relative to the LRP



Method to track progress for achieving each objective

- Outlines performance metric(s) to measure progress towards the rebuilding target and all other measurable objectives
- Links each measurable objective with at least one performance metric.
- Describes the frequency with which each metric will be evaluated against the objective.



Socio Economic Analysis*

- Summarizes the results of the (rapid or comprehensive) socio-economic analysis conducted for the rebuilding plan

Defined schedule for periodic review of Rebuilding Plan

- Almost complete
- Define roles and responsibilities for a review
- Include the use of performance metrics to evaluate progress towards each objective



Questions?

Stock Status and trends	✓
Probable cause of decline	🕒
Measurable Objectives <ul style="list-style-type: none">• Rebuilding Target• Rebuilding Timeline• Additional Management Measures	✗ ✗ ✗
Management measures aimed at achieving objectives	🕒
Method to track progress for achieving each objective	🕒
Socio Economic Analysis	✗
Defined schedule for periodic review of Rebuilding Plan	🕒