

*Omnibus
ACL/AM
Amendment*



September 2010

Timeline

- MAFMC identified preferred alts. and voted to submit (w/edits) at August Meeting

- NEFMC discuss dogfish in Sept.

- Revisions and then staff submit in Oct. 2010

- Proposed Rule, Comments, Final Rule ~ March-May 2011?



Section 5.2.1 ABC Alternative choices

Sub-Issue	Alternative	Status	Description of Action
<i>ABC Alternatives</i>	ABC-A	Status quo/no action	No action to establish ABC control rule methods in FMP
	ABC-B	Proposed	Council establishes ABC control rule methods in FMP

Section 5.2.1 ABC Control Rule Methods

- SSC lead on development for Alt. ABC-B
- Four levels (tiered-based approach) – process to describe methods for deriving ABC
- Specific criteria for each level
- SSC determines to which level a stock belongs (Levels 1-4); provided with ABC recommendation

Summary of Levels under Alt. ABC-B

Level	OFL Distribution	Mid Stocks Assessments in Each
1	Produced by stock assessment model and used as is; all relevant sources of uncertainty characterized; probabilistic	None: TBD by SSC
2	Comes from stock assessment model, but with some adjustments made by assessment workgroup; some relevant sources of uncertainty missing; probabilistic	Some Mid-Atlantic Stocks may be a 2 or 3
3	Produced by SSC based on best information available; substantial gaps in information about stock; probabilistic, but may apply 75% of F(MSY) as default	
4	Not available; substantial gaps in information about stock; ad hoc types of control rules	Poorly assessed stocks, rejected assessment stock, etc. will fall here

Section 5.2.2 Risk Alternative choices

RISK-A	Status quo/no action	No action to establish formal risk policy in FMP
RISK-B	Proposed	Constant probability of overfishing = 25 Percent
RISK-C	Proposed	Stock Status, Replenishment Threshold, with Inflection at $B/B_{MSY} = 1.0$
RISK-D	Proposed	Stock Status/Assessment Level Offset, Replenishment Threshold, with Inflection at $B/B_{MSY} = 1.5$
RISK-E	Proposed	Stock Status/Assessment Level Offset, Replenishment Threshold, with 2 Inflection Points at $B/B_{MSY} = 1.0$ and $B/B_{MSY} = 2.0$
RISK-F	Proposed	Categorical (4 x 4) with stock history, life history, and assessment level
RISK-G	Preferred	Stock Status/Life History, Inflection at $B/B_{MSY} = 1.0$

Section 5.2.2 Risk Policy

- Risk policy is part of the ABC development process
- **Overfishing Limit (OFL)** distribution and **probability of overfishing** combine directly to determine the **ABC** (for upper 3 assessment levels); may be applied differently for Level 4
- Council chose to approach with formal, overarching policy for all stocks

Elements in options

- **Constant probability – no elements**
- **Stock Status**
- **Assessment Level**
- **Stock History**
- **Life History**

Expressed as continuous or categorical options

General Provisions that Apply to All Risk Alternatives

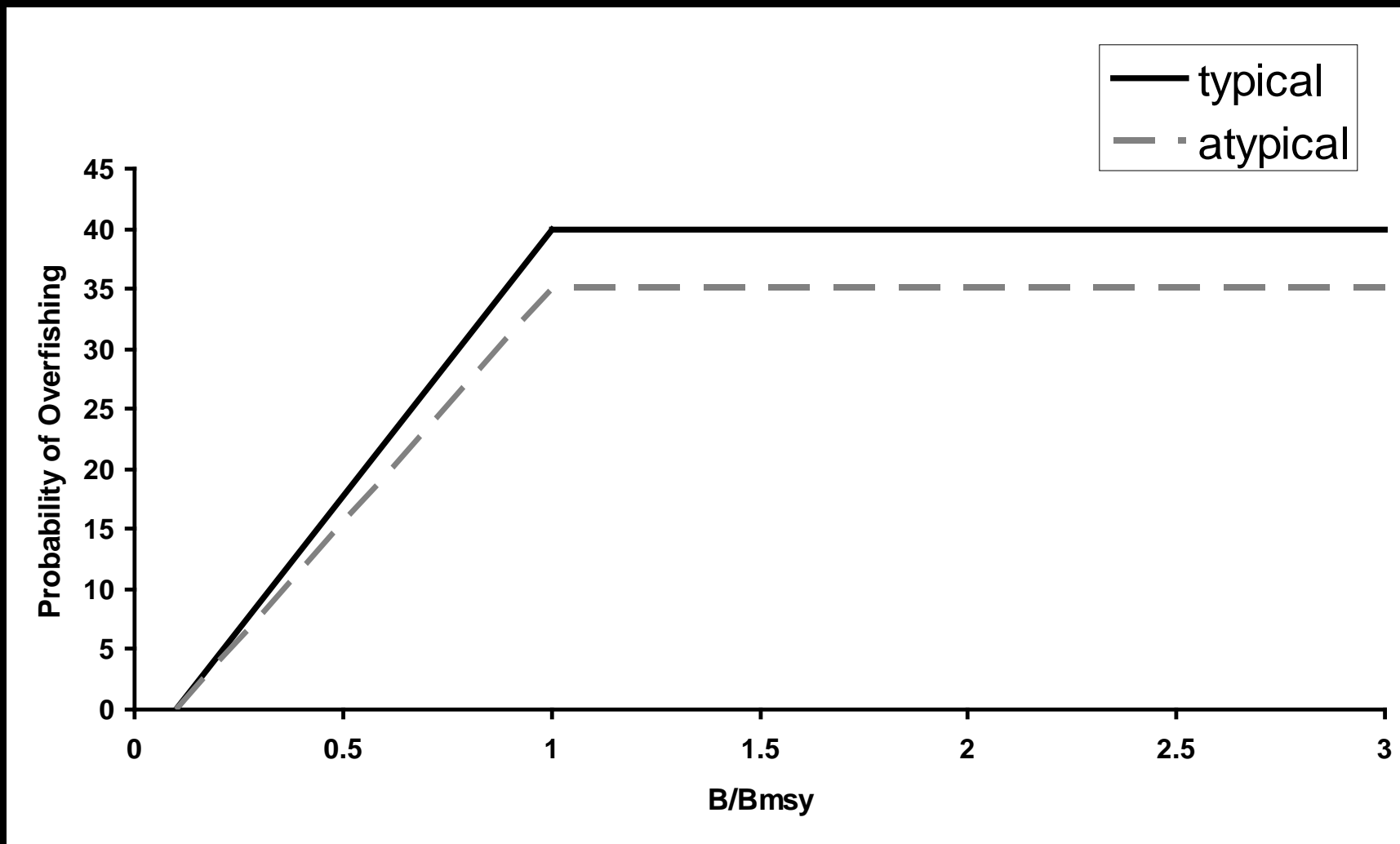
- For stocks under rebuilding plans, the upper limit on the probability of exceeding the rebuilding F would be 50 percent unless modified to a lesser value through a rebuilding plan amendment.



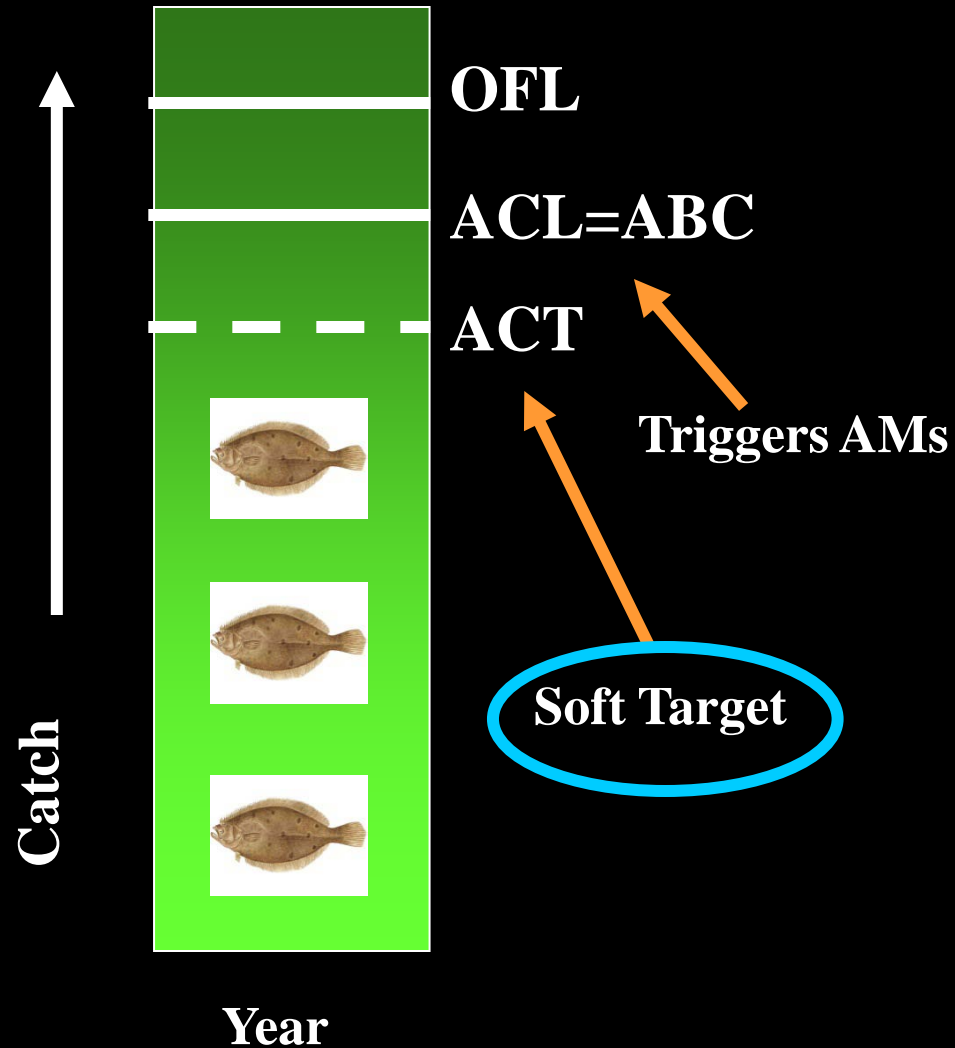
General Provisions that Apply to All Risk Alternatives

- **If no OFL is available from assessment and no OFL proxy is provided by the SSC at the time of ABC recommendations, then catch levels may not be increased until an OFL has been identified.**
- **Backstop against no overfishing definition from SARC and no OFL proxy provided by SSC; reduce the risk of overfishing**

Alternative RISK-G: Council Preferred - Stock Status/Life History, Inflection at $B/BMSY = 1.0$

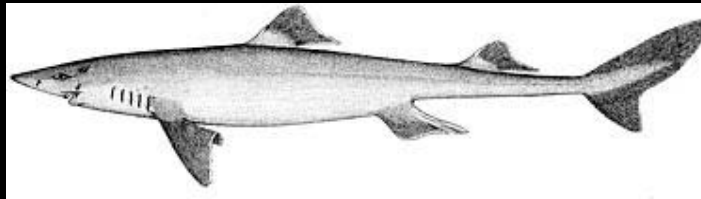


ACLs: General Council Preferred Approach



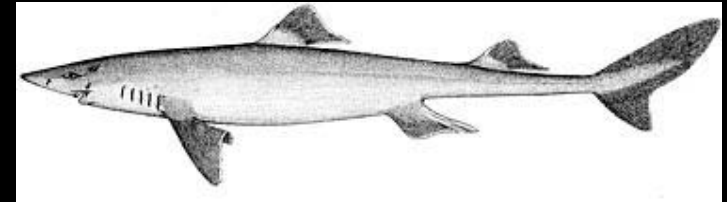
Spiny Dogfish ACL and AMs

Annual Catch Limit	DOG-A	Status quo/no action	No established ACL in FMP
	DOG-B	Proposed	Establish ACL = domestic ABC
Proactive Accountability	DOG-C	Status quo/no action	No additional proactive measures established
	DOG-D	Proposed	Use of ACT
Reactive Accountability	DOG-H	Status quo/no action	No reactive AMs established
	DOG-J	Proposed	1 mechanism accountability for catch



Spiny Dogfish ACL

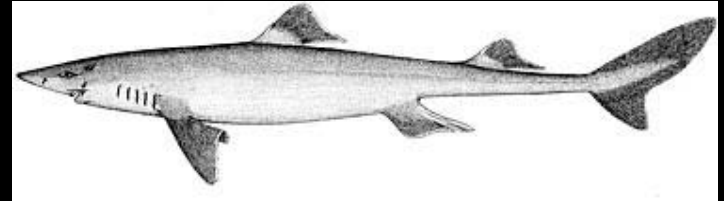
■ **Alt. Dog-B**



- **ABC = OFL - Scientific Uncertainty Adjustment**
- **Domestic ABC = ABC – Canadian Catch**
- **ACL = Domestic ABC**
- **ACL evaluation – single year**

Proactive AMs

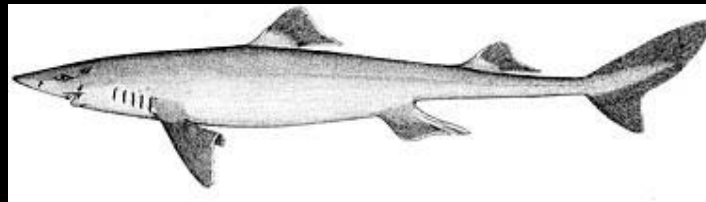
■ Alt. Dog-D:



- Dogfish Mon. Ctte. to recommend a single ACT to Council to address management uncertainty
- Mon. Ctte. would communicate sources of mgmt. uncertainty, control rules, etc.
- Group most knowledgeable to provide advice

Reactive AMs

- **Alt. Dog-F –if the ACL is exceeded:**
 - then ACL reduced the following year
 - single mechanism for reactive accountability
 - all sources of mortality addressed



Process to Review Actions

<i>Performance Review of Alternatives</i>	REVIEW-A	Status quo/no action	No formalized review process
	REVIEW-B	Proposed	Review of ABC control rules
	REVIEW-C	Proposed	Review of ACLs and AMs

Action Alts. For Review



- **REVIEW-B: recommendations for ABC control rule methods would come from the SSC to the Council**
 - **5-year Performance Review**
 - **Could be more frequent: rebuilding plan, poor performance, etc.**

- **REVIEW-C: ACL and AM recommendations would come from Mon. Ctte.'s (or staff for SQ/OQ) to the Council**
 - **5-year Performance Review**
 - **Could be more frequent: rebuilding plan, poor performance, etc.**
 - **Staff will monitor ACL performance, notify Council if ACL exceeded more than 25 percent**

Process to Modify Actions

<i>Description of Process of Modify Actions</i>	MODIFY-A	Status quo/no action	No description of process to modify actions
	MODIFY-B	Proposed	Description of process to modify actions in future

Alt. Review-B

- **Catch level associated with ABC and specific values applied from risk policy when deriving ABC would be communicated via specifications**
- **Modification of ABC levels (i.e. # of levels, criteria within level, etc.) and minor modifications to risk policy could be recommended by Council through specifications and codified through that rulemaking process**
- **Different approaches to ABC levels and risk policy may require Framework Adjustment or Amendment**

Other Measures - Alt. Review-B

- **ACT and ACT Control Rule** - Specifications used to communicate ACT and associated ACT control rule including how it was derived (methods)
- **AMs that already exists in FMPs** – Modification of these AMs could be recommended by Council through specifications and codified through that rulemaking process
- **New AMs** – addition of new AMs contemplated through Framework categories listed in document

Questions, Comments, Motions?

