

Fishery Performance & Prototype Risk policy factor data report procedures

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Small-Mesh Multispecies Committee and AP

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Risk Policy Use and Development

- New Risk Policy became effective on January 1, 2025.
- Two phases (use and development) are happening concurrently.

USE – ALPHA Phase

- Risk Policy Concept as approved in Sept. 2024.
- Statement and Stability.
- 7 factors, and guidelines.
- Risk Policy matrix completed by PDTs.
- Qualitative application.

Development – BETA Phase

- Simulation testing.
- Weightings exercise.
- Incorporate input.
Adjustments to factors and data.
- Connection to harvest control rules.
- Quantitative application for 2027.

Notes and Clarifications

- High level updates for PDTs on Alpha / Beta, focus on Alpha
- Focus on stocks that are getting data updates, associated with reports to the Council.
- Alpha document – Risk Policy Matrix

Alpha Phase: Risk Policy Use by PDTs & SSC

- In 2025 and 2026, use of the Risk Policy focus on assembly of data for the Risk Policy Matrix. At this time, there is no scoring of factors.
- Aiming for consistent application, and delivery (especially to the SSC). Alpha should look and feel similar to the approach the Council used with the last Risk Policy, but with a different set of data assembled for the matrix.
 - AP and Committees – Orientation to the new matrices. (Memos?)
 - Introduce to
- Use documentation and updated matrix provided as meeting materials.
- Interest in maintaining momentum of Risk Policy changes, happening in Beta process.

Beta Phase: Risk Policy Development

- The Beta Phase responds to the Council's tasking to continue to refine elements of the concept while the Risk Policy is in use (Alpha Phase).
- Beta phase is expected to include updates to the Risk Policy factors and guidelines for scoring (e.g. questions, data), weighting of factors by the Council, outcomes from the simulation testing, and the linkage of the Risk Policy with updated groundfish ABC control rules. These changes are anticipated to occur no earlier than 2026.
- Changes or adjustments to the Risk Policy will not be made on a rolling basis unless explicitly instructed by the Council.

Beta Phase - Development

- Risk Policy is being discussed in several venues, and feedback is coming from multiple sources. Fluid timing of projects and processes with forward progress (vs. contingencies). Overlap in personnel.
- Council, SSC, CESC, IRA ABC Control Rules Project Oversight Team, SSC-SSS, direct input.
 - Expected: Process mapping, aiming to be coordinated, new products?
 - BETA implementation connected to Groundfish Framework 68, then an off-ramp or a slow down.
- Staff, CESC Chair, RPWG Chair, to continue to explore opportunities for Steering Committee engagement in Risk Policy implementation.

New purposes

- Address new needs
 - Fishery performance
 - Data summaries for risk factor evaluation
- Standardization and efficiency
 - Less partner support
 - More efficient process
 - Follows our own schedule
 - Consistent format



Potential uses

- Intended use: Inform management of fishery trends and risks
- Intended recipients: PDTs with high-level abridged version for SSC and Council
 - Provide summary data for risk policy factor scoring
 - Provide summary data to complete risk policy matrices

Revised format

- New report is a modified and efficient way to assemble relevant data about the fishery and stocks
- Revised to resemble a fishery performance report
- Annual catch estimation retained
- Some data summaries added to report to potentially address factors that could eventually be used for scoring in Phase II
- Adaptable to other fisheries, additional elements
 - DAS use for monkfish
 - Sector performance for large-mesh groundfish
 - Stock complex summaries for skates

Previous annual monitoring workflow

Provide timelines and deadlines for analyses and text

Badger PDT members and others to complete work

- Conduct PDT meeting

Assemble document by hand, Word or Power Point

Send draft document out for review

Incorporate edits and comments by hand

Procedural workflow diagram

Run prepared code

- Update data using Roracle, create tables using Flextable and graphs using Ggplot
- Standard text in R document, prepared by staff and PDT

Render text, tables, and graphs in draft report

- Quarto (runs quickly in R)

PDT review and evaluation – modify text in R file

Re-render final report

- Adjust formatting

Next steps

- Revise report to meet risk policy beta needs as required
- Improve integration of industry advisory panel observations and recommendations
- Refine workflow process for more automation and efficiency
- Adapt workflow to other FMPs and stocks to allow efficient report generation