



NORTH ATLANTIC SWORDFISH MSE – UPDATE AND DECISIONS

28th Regular Meeting of the Commission

17 November 2023

Resources: [Swordfish MSE website](#)

[Swordfish MSE results](#)

ICCAT

CICTA

CICAA



Northern Swordfish MSE – current status

- Combined Index model convergence issues required adjustments to the Index – primary data source for the CMPs
- Projections re-run and CMPs re-evaluated for performance
- Preliminary review of results from technical team
- CMP performance and rankings are slightly different



Possible scenarios

1. Adopt an MP

2. Delay adoption of an MP



Scenario 1: MP adoption

- Decisions required:
 - a) Final MP
 - b) Safety performance metric: [10%, 15%] probability of breaching LRP
 - c) Variability performance metric: [cap/no cap/bifurcated cap]
 - d) Implementation schedule

Year	Management cycle	<i>Activity</i>					<i>Data inputs</i>	
		MP run	MP advice implemented	Stock assessment	MSE Review	Exceptional circumstances evaluated	Combined index*	Exceptional circumstance indicators
2023		x					x	x
2024	1		x			x		x
2025						x		x
2026		x				x	x	x
2027	2		x	[x]		x		x
2028				[x]		x		x
2029		x			[x]	x	x	x
2030	3		x			x		x
2031						x		x
2032		x				x	x	x



Scenario 1: MP adoption

- SCRS implications
 - TAC advice set for 2024+
 - Post-hoc review from the SWO Species Group & SCRS of:
 - Updated Combined Index
 - Projection update
 - CMP dynamics



Scenario 1: MP adoption

- SCRS implications
 - SCRS workplan
 - Continued work on robustness tests (climate change tests, etc.)
 - Develop exceptional circumstances protocol in collaboration with PA4
 - Further review of Combined Index and updated projections



Scenario 1: MP adoption

- Commissions implications
 - Draft management and conservation measures are available
 - PA4_817 (Canada)
 - PA4_819 (United States and European Union)



Scenario 2: Delay adoption of an MP

- Decisions required:
 - a) PA4 may still choose to decide on the Safety performance metric [10%, 15%]
 - b) PA4 may still choose to decide on the implementation schedule
 - c) Feedback on SCRS workplan
 - d) Mechanism for TAC advice for 2024



Scenario 2: Delay adoption of an MP

- SCRS implications
 - Full review from SWO Species Group and SCRS of:
 - Combined Index
 - Projection update
 - CMP dynamics



Scenario 2: Delay adoption of an MP

- SCRS implications
 - TAC advice
 - Science advice available from 2022 SWO-N stock assessment
 - SCRS workplan
 - Continued work on robustness tests (climate change tests, minimum size limit, etc.)
 - Develop exceptional circumstances protocol in collaboration with PA4
 - Further review of Combined Index and updated projections; make minor corrections and adjustments as needed BEFORE science advice is given
 - MSE results communications session, if necessary



Scenario 2: Delay adoption of an MP

- **Commissions implications**
 - Modify existing draft measures
 - PA4_817 (Canada)
 - PA4_819 (United States and European Union)
 - New draft management measure (PA4 Chair)
- **Relevant Recommendations:**
 - [Rec. 17-02](#)
 - [Rec. 21-02](#)
 - [Rec. 22-03](#)