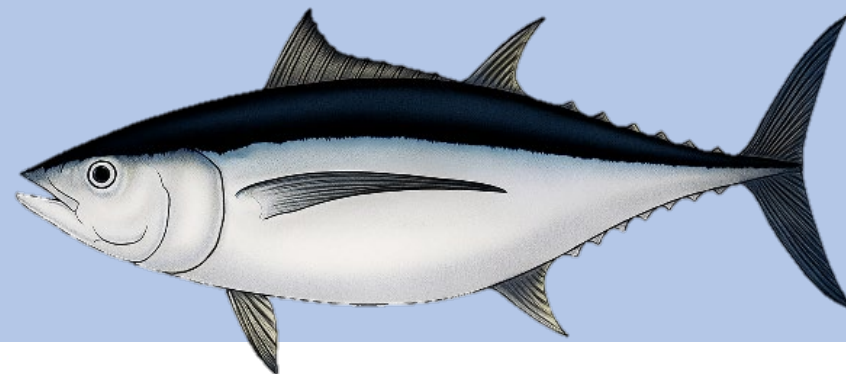




ALBACORE South

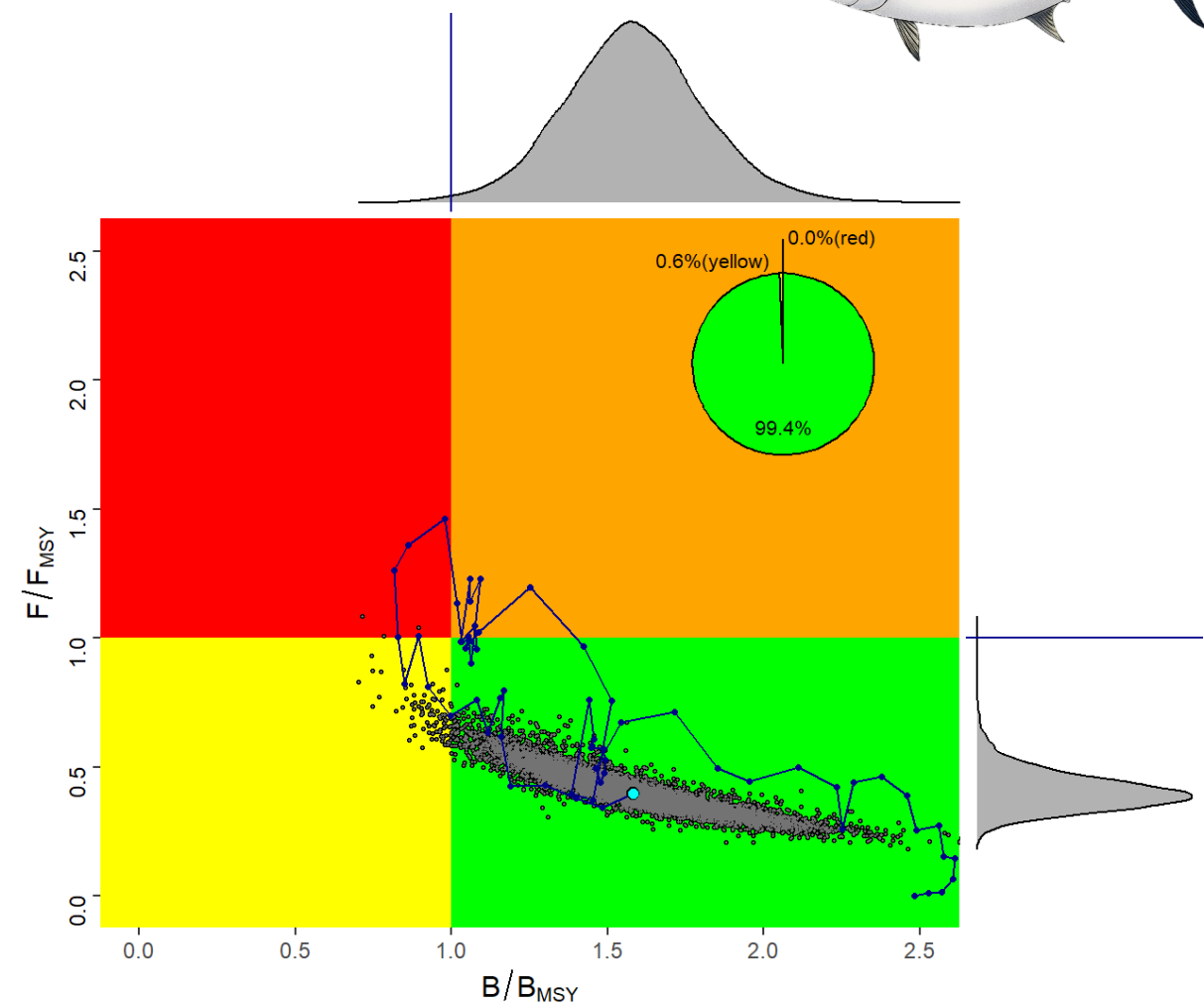
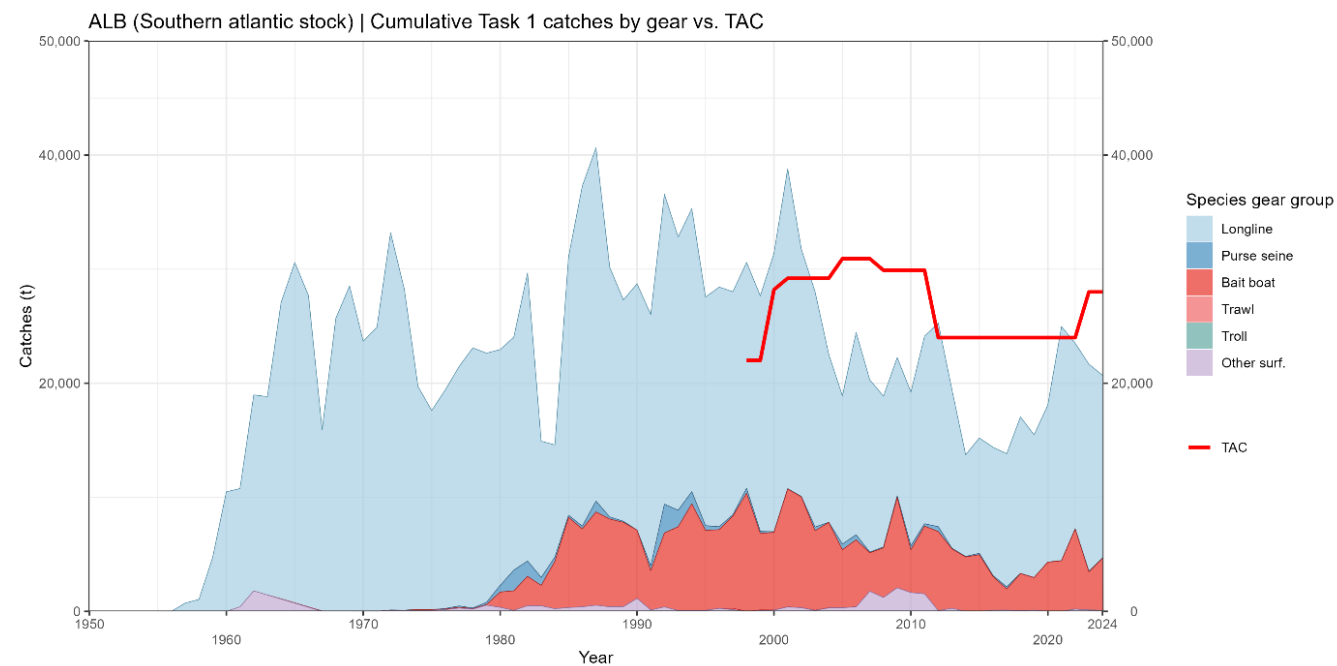
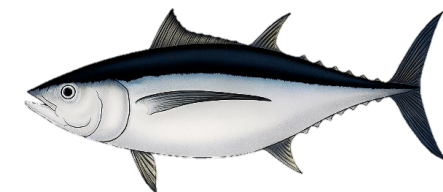


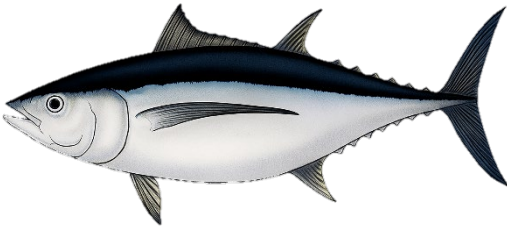


SCRS – ALBACORE SOUTH



Last assessment in **2020**
(using data through **2018**)





Executive summary

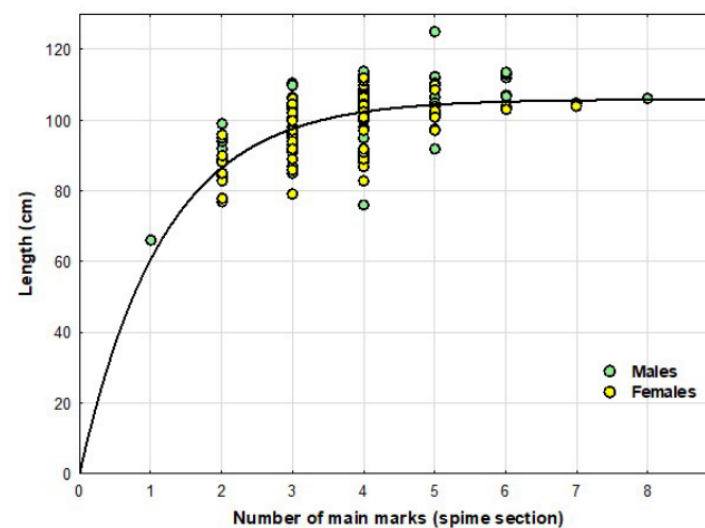
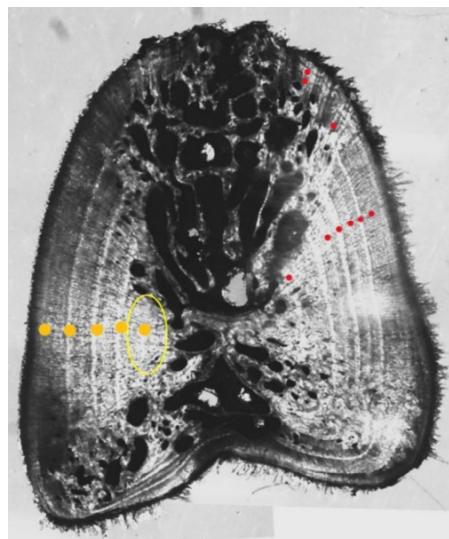
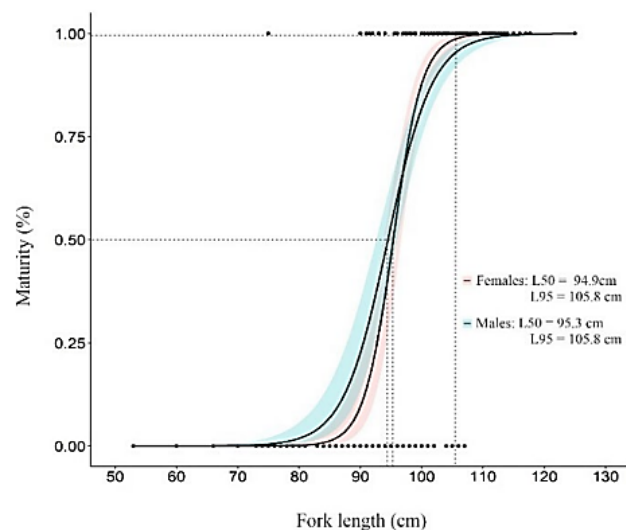
<i>Indicator</i>		<i>Stock Status</i>
Maximum Sustainable Yield (MSY)	27,264 t (23,734 - 31,567) ¹	2018
Current (2025) TAC	28,000 t	
Current (2024) Yield	20,694 t	
Relative Biomass (B_{2018}/B_{MSY})	1.58 (1.14 - 2.05) ¹	
Relative Fishing Mortality (F_{2018}/F_{MSY})	0.40 (0.28 - 0.59) ¹	
Stock Status	Overfished: NO (0.06% probability of being overfished) ² Overfishing: NO (<1% probability of overfishing) ²	
Management Measures in effect	Rec. 22-06: TAC of 28,000 t for 2023-2026	

¹ Median and 95% credible interval (CRI) of the reference/base case model.

² As estimated from the Kobe plot probability in each quadrant.

ALBYP Research Activities

- Preliminary results on Reproductive biology and growth (SCRS/2025/223)



- Continue the effort for tagging studies in southern Atlantic



Management Strategy Evaluation

- Initial demonstration for the South Atlantic albacore MSE to support adoption of a simulation-tested MP conducted during 2025 (**see SCRS/2025/192**)
- **OM Conditioning** based on Stock Synthesis outputs using 2020 assessment datasets (1956–2018).
- Details can be seen:
 - Site: <https://salb-mse.bluematterscience.com/>
 - GitHub: <https://github.com/blue-matter/SALB-MSE> (Codes)
- **S-ALB MSE Technical Team established** (Reviewed by ALB SG & SCRS)



Management Strategy Evaluation

- **Uncertainty:** (1) 200 stochastic life-history draws; (2) 9-OM grid varying **M** and **h**.
- **Performance:** Preliminary indicators vs the four objectives in **Res. 24-09**; see **SCRS/2025/192**.
- **Next steps (2026):** Update OMs considering key aspects of life history parameters and new assessment outputs.

2026 WORKPLAN

- SS3 assessment to be conducted in 2026. Data preparatory: March 2026 (5 days), Assessment: June-July, 2026 (5 days).
- MSE development
 - Define Reference & Robustness OMs;
 - Define Performance Indicators: Align with ICCAT Res. 24-09 (operational management objectives);
 - Define Candidate MPs (CMPs): Develop and agree candidate management procedures for testing.