

12 | Harvest Strategy in development

Indian Ocean Yellowfin Tuna



Management Authority:

Indian Ocean Tuna Commission

Expected Adoption Year:
2026

Management Objectives:

Tuning Objectives (for MSE purposes):

- $\Pr(B(2029) \geq B(MSY)) = 0.5$ (SB in 2029 exceeds SB_{MSY} in exactly 50% of the simulations)
- $\Pr(B(2034) \geq B(MSY)) = 0.6$ (SB in 2034 exceeds SB_{MSY} in exactly 50% of the simulations)

Reference Points:

- **Interim Limit Reference Point:** 40% B_{MSY} and 140% F_{MSY}
- **Interim Target Reference Point:** B_{MSY} and F_{MSY}

Candidate Harvest Strategies:

Comprehensive harvest strategy proposed by Australia. MSE evaluating model-based HCRs with these candidate constraints:

Total Allowable Catch (TAC) to be set every 3 years (and held constant between settings)

A maximum of 15% change to the TAC (increase or decrease) relative to the previous TAC

Progress Update & Workplan: On hold pending 2024 stock assessment to resolve modelling issues

Link to relevant policy document or update:

- [IOTC Yellowfin Tuna Management Procedure \(MP\) Evaluation Update June 2021 \(https://www.iotc.org/documents/TCMP/04/09\)](https://www.iotc.org/documents/TCMP/04/09)
- [Resolution 15/10 on Target and Limit Reference Points and a Decision Framework \(https://www.iotc.org/documents/resolution-1510-target-and-limit-reference-points-and-decision-framework-0\)](https://www.iotc.org/documents/resolution-1510-target-and-limit-reference-points-and-decision-framework-0)
- [Proposal on a Management Procedure for Yellowfin Tuna in the IOTC Area of Competence: \(https://iotc.org/documents/SC/22/14\)](https://iotc.org/documents/SC/22/14) Proposed by Australia