

WCPFC South Pacific Albacore Monitoring Strategy

WCPFC-SC22-2026-MI-WP-08

SPC-OFP

SPA Monitoring Strategy

WCPFC22 adopted an MP for South Pacific albacore (CMM 2025-01)

Under the harvest strategy workplan:

- SC22 is scheduled to provide advice on the monitoring strategy for SPA in 2026
- WCPFC23 is scheduled to adopt :
 - the implementing measure, and
 - the monitoring strategy.

Given that specific elements of the implementing arrangements have yet to be formally agreed, the monitoring strategy outlined here is based on assumed implementation arrangements. Updates may be required depending on outcomes.

SPA Monitoring Strategy

The proposed monitoring strategy for SPA is based on the same structure, and format as for SKJ

3 key components of the MP:

1. MP performance
2. MP design
3. Management strategy evaluation (MSE)

Outlines the roles and responsibilities of the Scientific Committee, the Technical and Compliance Committee and the Commission with regards the implementation and monitoring of the SPA MP.

Outline of the SPA Monitoring Strategy

MP performance

Performance indicators

- Catch and Effort levels
- Stock status

Data availability

- Running the MP
- Additional data

Performance of the Estimation Method

MP design

Management objectives

Scope of the MP

Meta rules and constraints

Specifics of implementing arrangements

MP testing and evaluation

Operating model grid

Methods for calculation of Performance Indicators

Modelling assumptions

Data availability to support OM development

Exceptional circumstances*

* “... outside the range ...”

“... significantly different from the assumptions made when testing the MP ...”

SPA Monitoring Schedule

Rolling 3-year schedule for running and implementing the MP

Year	SC	TCC	Commission
2026	Run MP	Monitor MP	Apply MP
2027	<i>Stock assessment</i>	Monitor MP	Review advice
2028	Monitor performance	Monitor MP	Review advice
2029	Run MP	Monitor MP	Apply MP
2030	<i>Stock assessment</i>	Monitor MP	Review advice
2031	Monitor performance	Monitor MP	Review advice
2032	Run MP	Monitor MP	Apply MP

SPA Monitoring Strategy

Stock assessment scheduled for 2027

- Likely to include data up to 2025
- Will not therefore provide an indication of MP performance.

Specific modelling assumptions when testing the MP:

1. 18,000t for EPO catches
2. 9,667t for the tropical component (equator to 10°S including slivers of TK and TV)
3. 57,020t annual catch of SPA in the 'transient period' (2022-2026)

Data available to run the MP (specifically EPO data):

- Aggregate catch data – complete, but subject to lags
- Operational data – priority consideration – required for CPUE calculation

Additional data to inform MP performance:

- CKMR
- Economic analyses (GN-WP01 - Summary of economic conditions in WCPFC fisheries)
- Climate change scenarios

SPA Monitoring Strategy

SC22 is invited to review the proposed monitoring strategy for SPA and to provide any guidance or information as appropriate.

In particular SC22 may wish to consider:

- The content and format of the proposed SPA MP monitoring strategy, which follows the design of the adopted monitoring strategy for WCPO skipjack.
- Directions for strengthening data inputs to the estimation method;
- Advancing integration of climate-related uncertainties, and
- Provisions for accessing and utilising existing economic indicators and assess whether enhanced economic information is required to support the monitoring strategy.

WCPO Skipjack Monitoring Strategy

WCPFC-SC22-2026-MI-WP-09

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WCPO Skipjack Monitoring Strategy

Outstanding issues:

1. The development of climate change scenarios for inclusion in the OM grid [SC19]
2. Analyses to test the representativeness and appropriateness of candidate CPUEs in the MP. [SC20]
3. The incorporation of SEAPODYM and/or other model projections into the skipjack management strategy evaluation operating model grid [SMD02].
4. Alignment of the skipjack MP with tables 1 and 2 of the tropical tuna CMM [WCPFC22].
5. Additional information on the trends between catch and effort in the purse seine fishery [TCC21].
6. Representativeness and appropriateness of candidate CPUEs

WCPFC22 agreed to a one-time extension of the skipjack MP to align the running of the MP with the review of the TT-CMM.

WCPO Skipjack monitoring strategy

SC22 is invited to review the proposed monitoring strategy for SPA and to provide any guidance or information as appropriate.

We invite SC22 to:

- Note the revised schedule for the implementation of the WCPO skipjack MP
- Consider the work presented in MI-WP-10 on joint standardisation of CPUE indices and, if necessary, amend Table 1, part 1b as appropriate.
- Consider the remaining suggested changes to Table 1 and update as appropriate, including any further amendments as necessary.
- Note that the monitoring strategy report will be provided to WCPFC23 following consideration by TCC22.

WCPFC Mixed Fishery Monitoring Strategy

WCPFC-SC22-2026-MI-IP-02

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Recommendations

SC22 is invited to:

- Note the proposed outline content of the monitoring strategies for WCPO bigeye and yellowfin and suggest any specific additional elements to be captured.
- Consider recommending to the Commission that the monitoring strategy process be a standing agenda item on Commission and subsidiary body meeting agendas.
- Consider the proposal to consolidate the regular papers provided to meetings into a format designed to specifically inform monitoring strategies.
- Suggest improved approaches to presenting the four stock-specific monitoring strategies for implementation following adoption of the bigeye MP.