

# WCPO skipjack MP monitoring strategy: Updates

WCPFC22-2025-24

SPC/OFP

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# Monitoring Strategy

- Routinely checks the management procedure is performing as expected

WCPFC21:

The Commission adopted the SKJ Monitoring Strategy, as recommended by SC20 and TCC20, noting the review of the SKJ Monitoring Strategy which will take place in 2025, and encourages ongoing work to consider climate change impacts within the SKJ MP operating model grid.

- Guides regular review of MP performance:
  - Meeting management objectives
  - Identify data or compliance issues
  - Supports alignment with implementing measure (TT-CMM)
  - Defines the respective review roles of SC and TCC

# Issues arising

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Issues identified for consideration under the SKJ monitoring strategy :

1. Analyses to test the representativeness and appropriateness of CPUEs used in the MP.
2. Evaluation of the impact of changes in FAD closure duration on the MP performance.
3. Provision of additional catch and effort data to enable testing for compliance with the MP.
4. The development of climate change scenarios for inclusion in the OM grid.
5. The incorporation of SEAPODYM and/or other model projections into the skipjack MSE OM grid.

2025 Skipjack stock assessment

- Key input to the monitoring strategy.

# SC21 & TCC21 consideration

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## Running the MP

1. Analyses to test the representativeness and appropriateness of CPUEs used in the MP.  
SC21: Analyses (SC21-MI-WP-01) indicate that the current MP remains valid in the short-term, for at least the second implementation of the MP. In the longer-term, degradation of data used in the MP estimator remains a risk which should be addressed before the third implementation of the MP
2. Evaluation of the impact of changes in FAD closure duration on the MP performance.  
SC21: The impact of changes to the FAD closure period on the expected performance of the WCPO skipjack tuna MP were evaluated (SC21-MI-WP-02). It was determined that the FAD closure period had very little impact on the performance of the skipjack MP

# SC21 & TCC21 consideration

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- Provision of additional catch and effort data to enable testing for compliance with the MP.
  - TCC21: reviewed information ... about the performance and outputs of the MP, compared to the 2024 levels for three fishery components: Purse seine (incl AW) effort, Pole and line effort, Domestic AW catch (ref: TCC21-2025-IP04\_rev1 Table 16).
  - TCC21 noted that the information indicated that in 2024 the catch or effort in the fisheries subject to the SKJ MP were below the levels specified by the MP for 2024-2026.
  - Additional information on the trends between effort and catch in the PS fishery, including effort creep will be needed by TCC.
- The development of climate change scenarios for inclusion in the OM grid.
- The incorporation of SEAPODYM and/or other model projections into the skipjack MSE OM grid.
  - Ongoing work to develop the modelling framework to better implement climate change scenarios
  - SC21: Noted the ongoing need to consider climate change impacts within the Skipjack MP operating model set were noted

# SC21 & TCC21 consideration

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- Output of the 2025 stock assessment.
  - SC21: The 2025 stock assessment includes only one year of data (2024) under MP implementation and therefore provides a preliminary measure of the MPs performance.
  - The 2025 stock assessment indicates the recent stock depletion is close to the recalibrated TRP and is within the range expected through the MSE testing of the adopted interim skipjack MP.
  - Projections indicate relative stability of stock depletion in the future when recent (2024) conditions are assumed.

# Recommendations

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WCPFC22 is invited to review and endorse the consolidated updates to the skipjack monitoring strategy and to provide any further guidance or tasking to ensure its continued effectiveness.

In particular, the Commission may wish to consider

- directions for strengthening data inputs to the estimation method,
- advancing integration of climate-related uncertainties,
- and maintaining consistency between the MP outputs and the implementation framework under the Tropical Tuna CMM.