

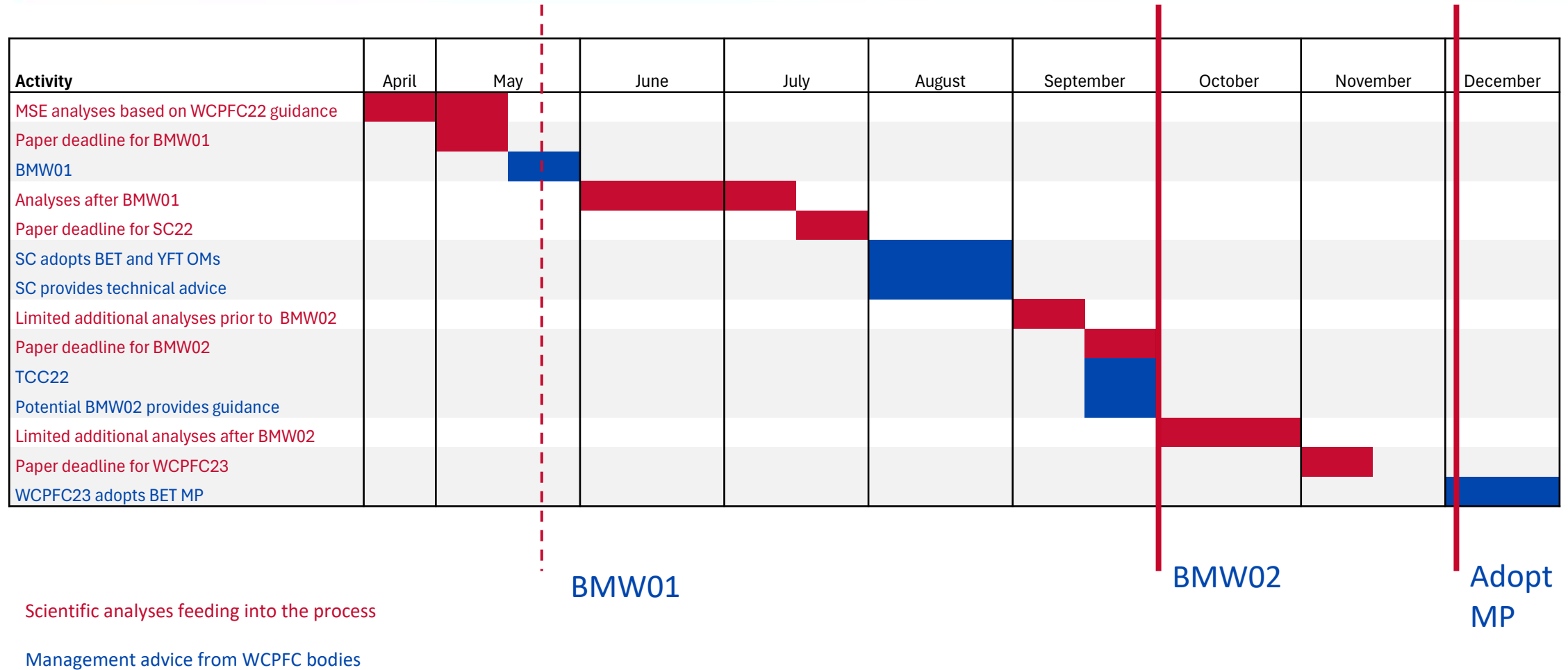
Agenda Item 2 WP01

Key decisions for the adoption and
implementation of the BET MP

WCPFC BMW2
Honolulu, Hawaii (Hybrid)

SPC-OFP
1-2 October 2026

2026 timeline – mixed fishery MP development

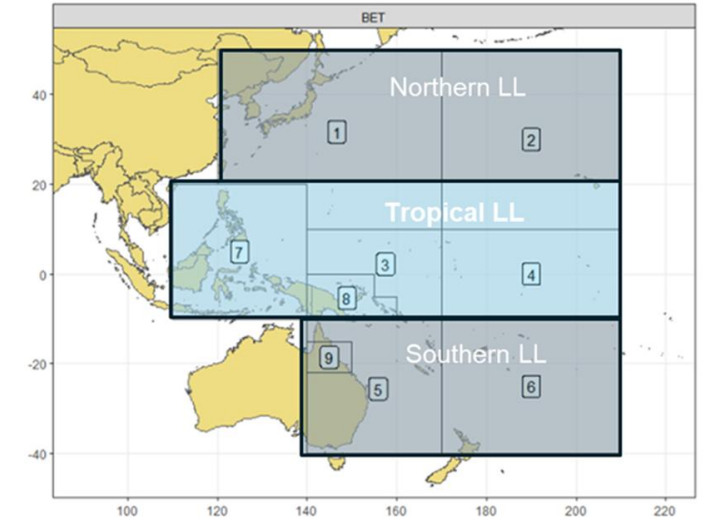


SC22 outcomes

- Requested a revised OM grid that covered the lower range of stock status values identified by the 2026 stock assessment.
- Agreed the BET MP estimation method (EM) subject to re-testing against the revised OM grid (this has been completed).
- Identified an additional fleets and areas of application scenario for a WCPO wide MP with implementation through the TT-CMM.
- Reviewed preliminary results based on the current evaluation framework.
- Agreed the technical approach being taken to evaluate outcomes for yellowfin tuna.

BET MP design and evaluation: current state of play

- Areas and fleets of application
 - TLL including Hawaiian LL fishery.
 - TLL excluding Hawaiian LL fishery.
 - WCPO wide – all fisheries subject to the MP.
 - WCPO wide – excluding SIDs, implementation through the TT-CMM.
- Target reference point (TRP).
 - $0.94 \times$ 2012-15 average spawning biomass depletion.
 - $0.94 \times$ 2012-15 average spawning biomass depletion with a threshold of 60%.
 - $0.94 \times$ 2012-15 average spawning biomass depletion with a threshold of 70%.
 - $1.06 \times$ 2012-15 average spawning biomass depletion.
- Two HCR designs
 - HCR1 – evaluated across all scenarios
 - HCR2 – evaluated across all area and fleets option and two TRPs.



BET MP design and evaluation: current state of play

- 3-year management period – utilising a 2-year data lag.
- Performance indicators
 - Stock status in the WCPFC-CA (SB/SBF=0)
 - Proximity to the TRP.
 - Probability of SB/SBF=0 being above the LRP.
 - Expected BET catches for MP managed fisheries (LL and PS separately)
 - Expected vulnerable biomass for MP managed fisheries.
 - Catch and effort variability (separately for LL and PS)
 - MSY and F/FMSY
- Output controls of the MP will be
 - PS FAD open period
 - LL catch (where implementation through the TT-CMM a scalar may be applied to LL catch limits of table 3)
- Three HCR-pairs (LL-favoured, intermediate, PS favoured) – testing MP. Actual implementation may differ.
- Catches for fisheries not controlled by the MP held constant at recent levels.
- The overlap area to be considered outside core MP control and addressed when translating MP outputs to implementing arrangements.

BMW02 – decision points

- 4 areas of application with 4 TRPs evaluated across 3 HCR pair scenarios – 48 sets of results for a single HCR formulation.
- If alternative HCR shapes are to be considered the range of scenarios will need to be reduced.
 - Areas and fisheries of application
 - TRP option
- Alternative HCR shapes (in particular when off the step, see WP06)
- Baselines and fixed values
 - Catches of the Hawaiian longline fishery
 - Catches of domestic fisheries of ID/PH
 - Catches of SIDs longline fisheries (implementation through the TT-CMM).
- Robustness scenarios – under development following revision of OMs
 - Alternative historical catches of ID/PH fisheries
 - Reduced recruitment scenarios
- Yellowfin approach

Special SC – decision points

- SC22 requested a revised OM grid that covered the lower range of stock depletion indicated by the 2026 stock assessment.
- A special meeting of the SC is to be convened immediately prior to WCPFC23 to
 - Review and adopt the revised OM grid
 - Review and adopt the estimation method (re-tested under the revised OM grid).
 - Review any other technical aspects of the MP and advise Commission accordingly

WCPFC23 – decision points

- WCPFC23 is scheduled to adopt an MP for WCPO bigeye tuna.
 - Areas and fisheries of application
 - TRP
 - Identifies a single “nuclear grid”
 - Nuclear grid identifies the range of permissible LL catch and PS FAD open period combinations that are consistent with achieving the TRP.
- HCR formulation
 - Enables HCR pairs to be derived from the grid to set fishing opportunities for any given stock status and combination of LL catch and PS FAD open period.

Running the MP

- SC23 (2027)
 - Review the estimation method (EM) run and agree the HCR inputs.
 - Provide advice to the Commission the running of the MP and the HCR input value.
- WCPFC24 (2027)
 - Agree proportional split for LL catch and PS FAD open period.
 - This will identify a single HCR pair
 - Determine new limits from the adopted HCR pair

BET timeline

BMW02: October 1st - October 2nd, 2026

To aid with the synthesis of results at WCPFC23, BMW02 should aim to:

- **Reduce** the options for the spatial structure (fisheries controlled by the MP and area of application) - 1 or 2 preferred options.
- **Reduce** the options for the target reference point – 1 or 2 preferred options.
- **Consider** differences in HCR formulation pertaining to HCR shape.
- **Consider** how to proceed with negotiations in each management period.
- **Consider** values assumed for baselines and proposed robustness scenarios, e.g. catches for fisheries not controlled by the bigeye MP.
- **Consider** proposed approach for determining outcomes for yellowfin tuna.

SC23: August 2027

Review the performance of the estimation method and **agree** the HCR input.

WCPFC23: November 30th - December 5th, 2026

Consider MSE results of BET and YFT.

Adopt the MP by identifying a single preferred option for the areas and fisheries of application, the target reference point, the formulation (shape) of the HCR.

Special SC: November 2026

In order for the MP to be adopted at WCPFC22, SC must **review and adopt** the revised operating model grid, the estimation method and technical aspects of the MP.

WCPFC24: December 2027

Agree the proportional split of LL catch and FAD open period from the range of available HCR pair options from which new limits are set.

Agree the implementing measure.