

Mixed Fishery Monitoring Strategy WCPFC-SC22-MI-IP-02

SCIENTIFIC COMMITTEE
Twenty Second Regular Session
Apia, Samoa

SPC-OFP
11 – 19 August 2026

Content

- Monitoring strategies developed for:
 - WCPO skipjack
 - South Pacific albacore
- Need to be developed for:
 - WCPO bigeye
 - WCPO yellowfin
- Bigeye and yellowfin monitoring strategies are scheduled for adoption by the Commission in 2027
- Paper presents draft structures for the monitoring strategies for these two stocks
 - WCPO yellowfin monitoring important given the lack of a directly controlling MP under the mixed fishery framework



General structure



Pacific
Community
Communauté
du Pacifique

Component	Bigeye	Yellowfin
Performance of the adopted management procedure	- Relate actual conditions experienced in the stock and fishery (e.g. catch/CPUE, assessed stock status relative to the adopted TRP) to the values in MSE results for the corresponding period. - Data to run MP available and sufficient quality - Any additional data - EM diagnostics appropriate	- Relate actual conditions experienced in the stock and fishery (e.g. catch/CPUE, assessed stock status relative to the adopted TRP) to the values in mixed fishery testing. - Any additional data
Management procedure design	- Mgmt objectives remain appropriate - Scope of MP remain appropriate - Have exceptional circumstances occurred	- Mgmt objectives remain appropriate - Scope of MP remain appropriate - Have exceptional circumstances occurred
Management Strategy Evaluation	- OM grid remains appropriate - PI calculations remain appropriate - Assumptions for fisheries outside MP control remain within tested bounds - Whether new data need collecting	- OM grid remains appropriate - PI calculations remain appropriate - Assumptions for fisheries outside mixed fishery framework control remain within tested bounds - Whether new data need collecting

Potential enhancements

- Review of monitoring strategies as a standing agenda item
- Consolidation of stock-specific reports into an 'omnibus' report
 - Potential for online approach
- Consolidation of key information papers to explicitly inform the monitoring strategy



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 agenda.
 - 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.