

AGENDA 3.1

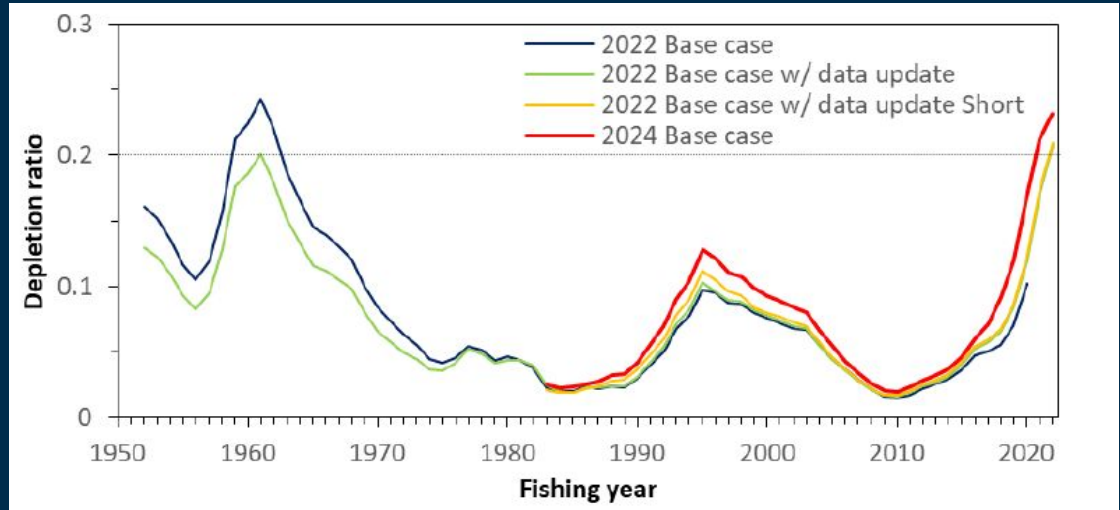
DEVELOPMENT OF THE LONG-TERM HARVEST STRATEGY

JWG Co-Chairs

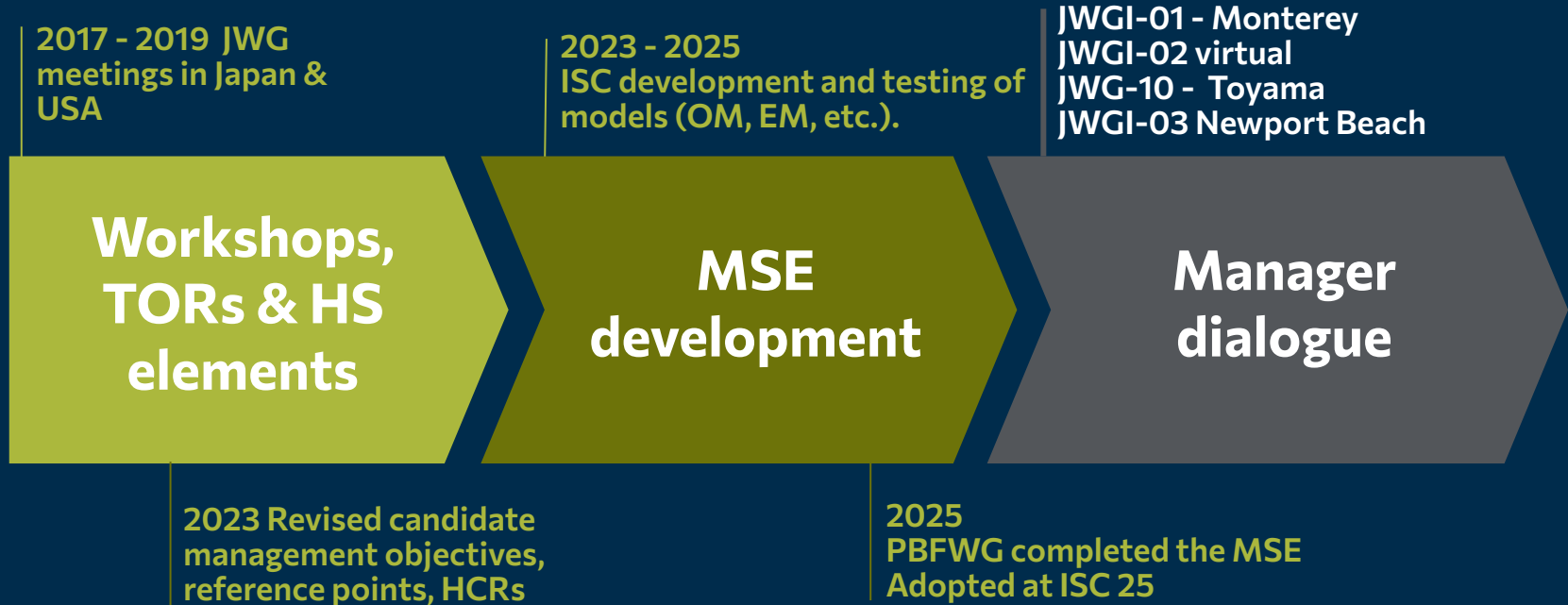


Current Measures

PBF is managed under an interim harvest strategy since the stock achieved the 2nd rebuilding target (2024). Management measures are in place in the WCPFC (CMM 2024-01) & IATTC (C-24-02), however, the IATTC resolution expires in 2026.



Harvest Strategy Development



2023

Updated candidate management objectives, reference points & HCRs

IATTC C-23-01

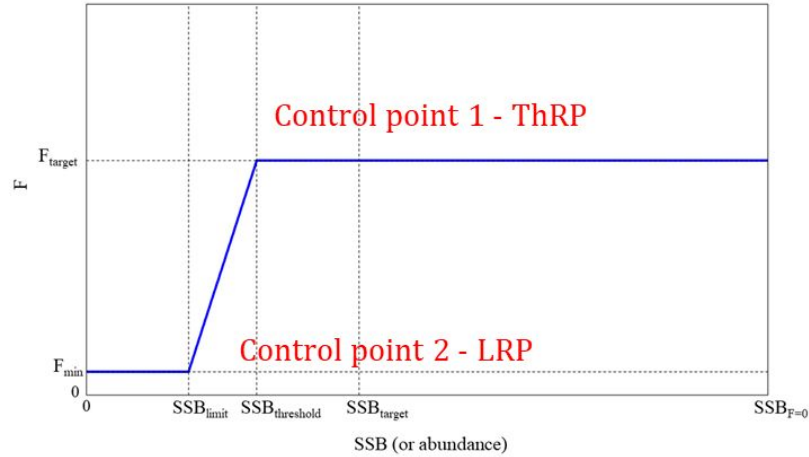
WCPFC HS 2023-02

CANDIDATE OPERATIONAL MANAGEMENT OBJECTIVES AND PERFORMANCE INDICATORS FOR PACIFIC BLUEFIN TUNA

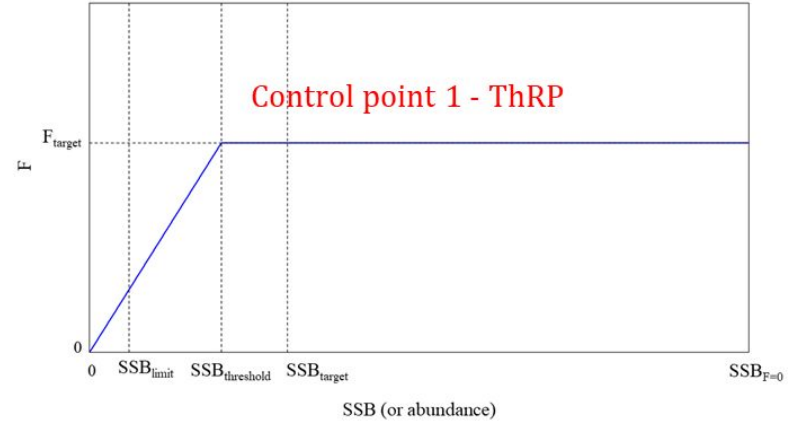
Category	Operational Management Objective	Performance Indicator
Safety	There should be a less than 20% ⁴ probability of the stock falling below the LRP	Probability that $SSB < LRP$ in any given year of the evaluation period
Status	To maintain fishing mortality at or below F_{Target} with at least 50% probability	Probability that $F \leq F_{Target}$ in any given year of the evaluation period Probability that SSB is below the equivalent biomass depletion levels associated with the candidates for F_{Target}
Stability	To limit changes in overall catch limits between management periods to no more than 25%, unless the ISC has assessed that the stock is below the LRP ⁵	Percent change upwards in catches between management periods excluding periods when $SSB < LRP$ Percent change downwards in catches between management periods excluding periods when $SSB < LRP$
Yield	Maintain an equitable balance in proportional fishery impact between the WCPO and EPO	Median fishery impact (in %) on SSB in the terminal year of the evaluation period by fishery and by WCPO fisheries and EPO fisheries
	To maximize yield over the medium (5-10 years) and long (10-30 years) terms, as well as average annual yield from the fishery.	Expected annual yield over years 5-10 of the evaluation period, by fishery. Expected annual yield over years 10-30 of the evaluation period, by fishery. Expected annual yield in any given year of the evaluation period, by fishery.
	To increase average annual catch in all fisheries across WCPO and EPO	

2023 Update

Candidate HCR shapes



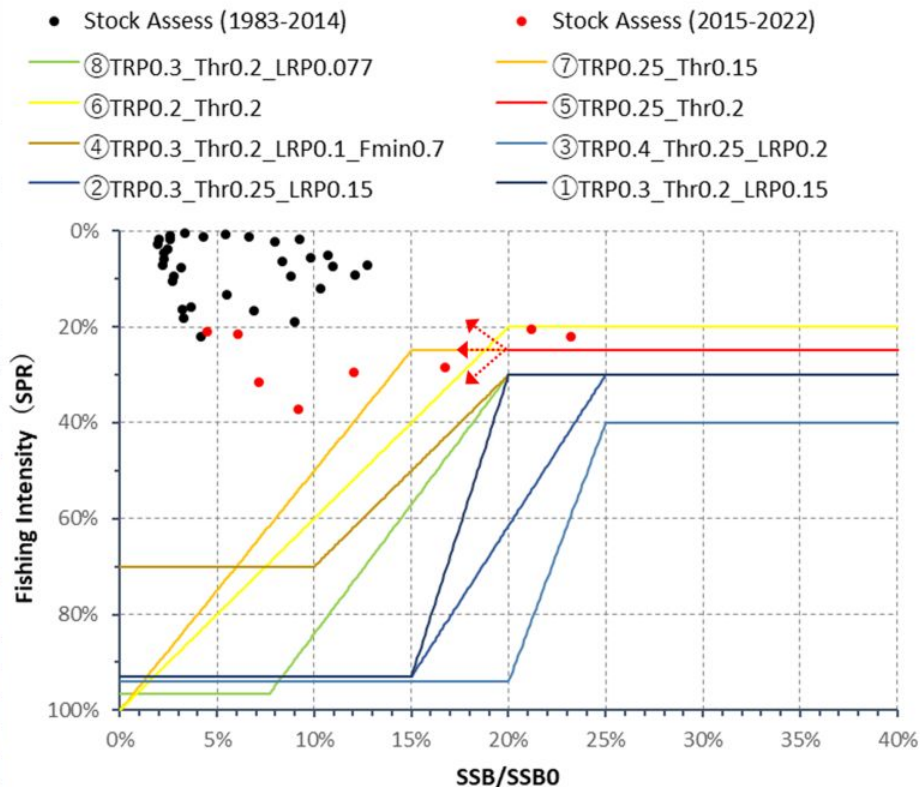
HCR 1



HCR 2

Harvest Control Rules - HCRs

HCR number	F_{TARGET}	Control Point 1 (ThRP)	Control Point 2 (LRP)	Number of Control Points	F_{min}	WCPO: EPO Impact Ratio
1	FSPR30%	20%SSB _{F=0}	15%SSB _{F=0}	2	10% F_{TARGET}	80:20
2	FSPR30%	25%SSB _{F=0}	15%SSB _{F=0}	2	10% F_{TARGET}	80:20
3	FSPR40%	25%SSB _{F=0}	20%SSB _{F=0}	2	10% F_{TARGET}	80:20
4	FSPR30%	20%SSB _{F=0}	10%SSB _{F=0}	2	FSPR70%	80:20
5	FSPR25%	20%SSB _{F=0}	NA	1	NA	80:20
6	FSPR20%	20%SSB _{F=0}	NA	1	NA	80:20
7	FSPR25%	15%SSB _{F=0}	NA	1	NA	80:20
8	FSPR30%	20%SSB _{F=0}	7.7%SSB _{F=0}	2	5% F_{TARGET}	80:20
9	FSPR30%	20%SSB _{F=0}	15%SSB _{F=0}	2	10% F_{TARGET}	70:30
10	FSPR30%	25%SSB _{F=0}	15%SSB _{F=0}	2	10% F_{TARGET}	70:30
11	FSPR40%	25%SSB _{F=0}	20%SSB _{F=0}	2	10% F_{TARGET}	70:30
12	FSPR30%	20%SSB _{F=0}	10%SSB _{F=0}	2	FSPR70%	70:30
13	FSPR25%	20%SSB _{F=0}	NA	1	NA	70:30
14	FSPR20%	20%SSB _{F=0}	NA	1	NA	70:30
15	FSPR25%	15%SSB _{F=0}	NA	1	NA	70:30
16	FSPR30%	20%SSB _{F=0}	7.7%SSB _{F=0}	2	5% F_{TARGET}	70:30



Outcomes of JWG-10 - Long-term harvest strategy

- **No consensus on HCR selection**
- **Agreement on intention to maintain the stock above the 2nd rebuilding target**
- **Agreement to continue discussions, including intersessionally**
- **Request ISC to develop guidance and criteria for exceptional circumstances**

Expectations from WCPFC & IATTC:

- **The current interim harvest strategy for PBF is outdated and should be updated as a matter of priority.**
- **The JWG will recommend a comprehensive long-term harvest strategy in 2026 and implement it in 2027.**
- ***Note: IATTC C-24-02 expires in 2026.***

Expectations from WCPFC & IATTC:

- **Agreement on a long-term harvest strategy must include all of the relevant elements, as outlined in WCPFC CMM 2022-03 & relevant IATTC resolutions.**

Management objectives	Acceptable levels of risk
Reference points	Monitoring strategy
Harvest Control Rules	MSE

2026 JWG Work Plan

- **Hold an intersessional meeting to finalize the long-term harvest strategy at JWG-11.**
- **Recommend a long-term harvest strategy, including additional management measures triggered by exceptional circumstances; implement in 2027.**
- **Recommend resolution on CDS**
- **Recommend amendments to MCS measures**

Workplan

	2024	2025	2026	2027	2028	2029
Stock assessment	●			●		
CMM @ interim HCR		→				
MSE		●				
Adopt HS			●			
CMM @ MSE				→ TAC update →		
Peer review SA			●			



**IATTC- WCPFC NC
Joint Working Group on Pacific
Bluefin Tuna**

3rd Intersessional Meeting

11 - 13 March 2026

Newport Beach, California

