

AGENDA 5.1

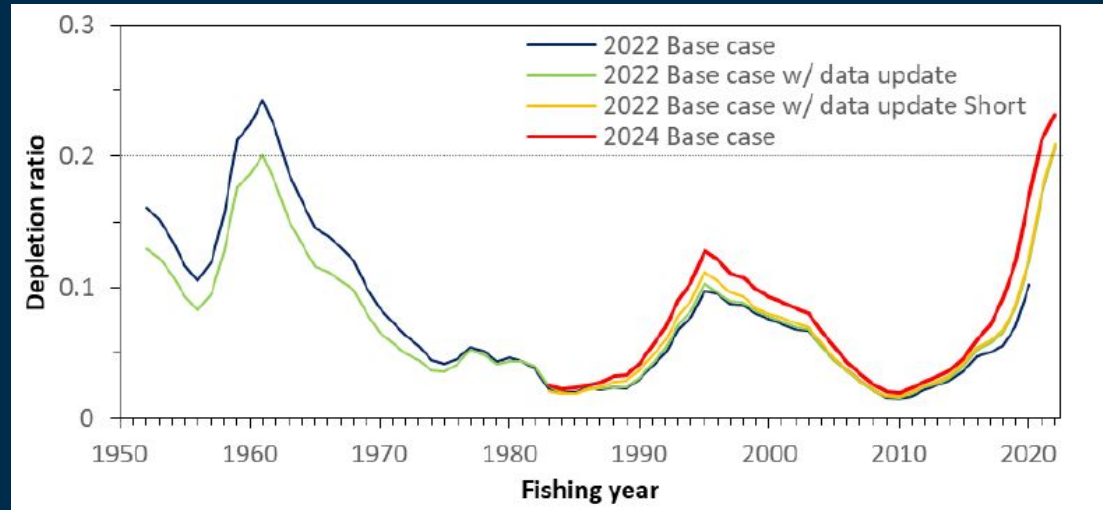
DEVELOPMENT OF THE LONG-TERM HARVEST STRATEGY

JWG Co-Chairs



Current Measures

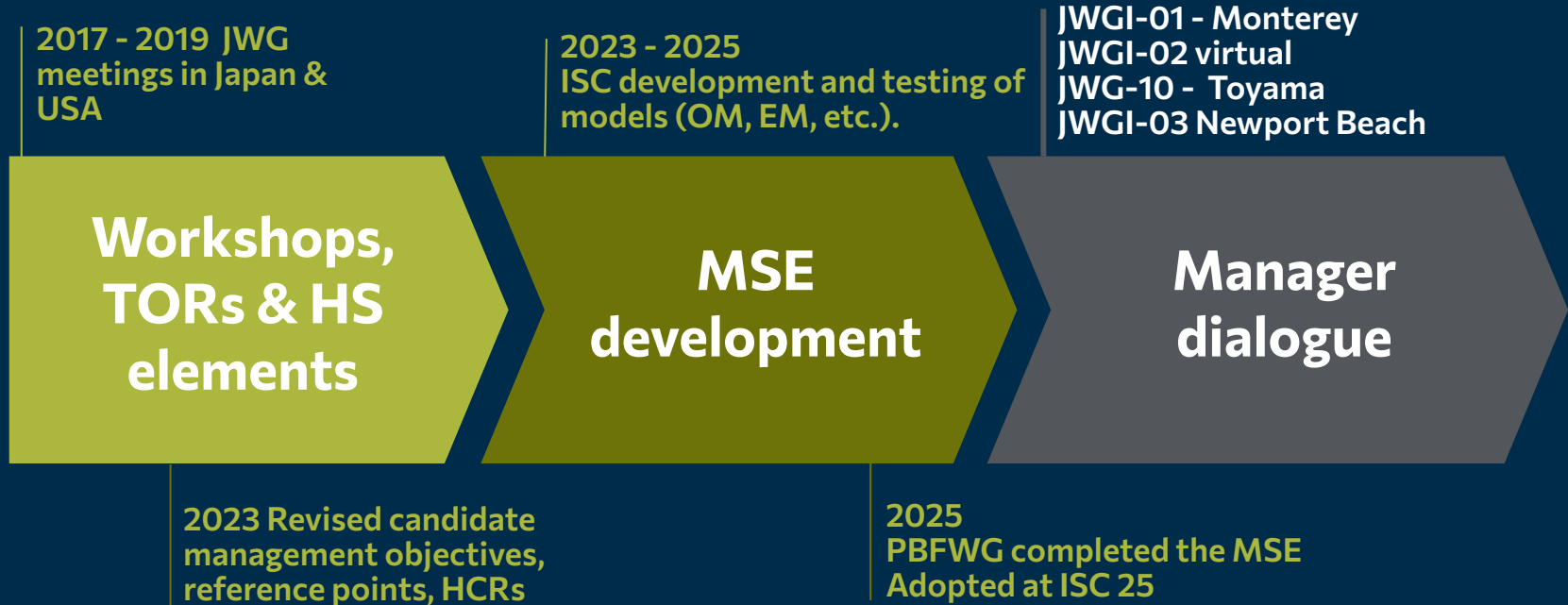
PBF is managed under an interim harvest strategy since the stock achieved the 2nd rebuilding target (2024). Management measures are in place in the WCPFC (CMM 2024-01) & IATTC (C-24-02), however, the IATTC resolution expires in 2026.



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- **The current interim harvest strategy for PBF is outdated and should be updated as a matter of priority.**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.***

Harvest Strategy Development



2023

Updated candidate management objectives, reference points & HCRs

IATTC C-23-01

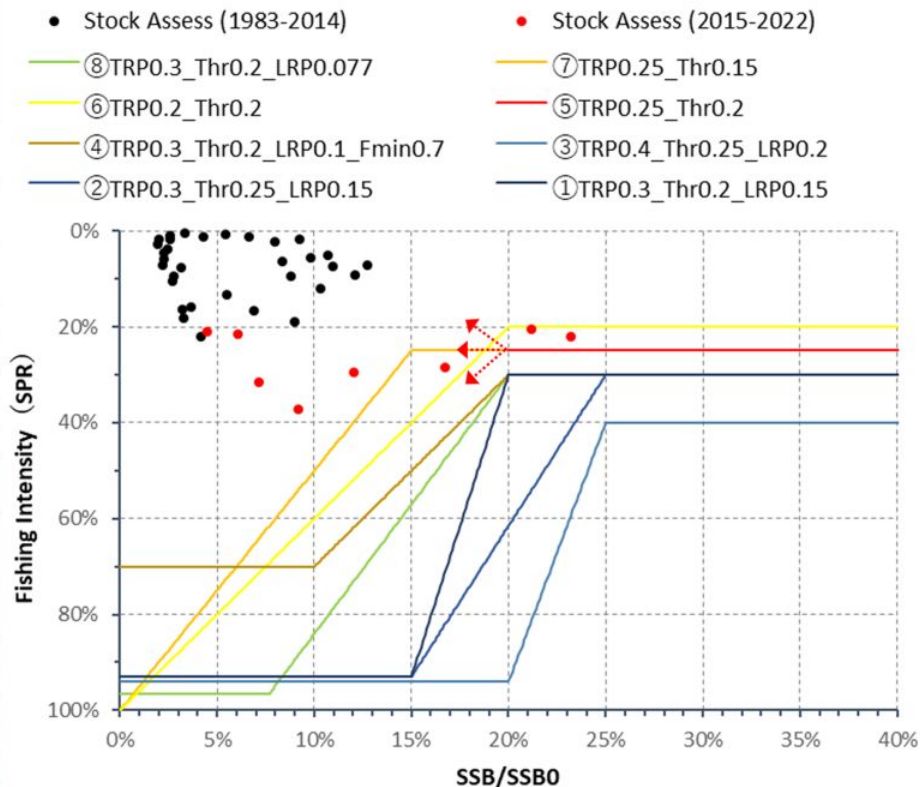
WCPFC HS 2023-02

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	

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



JWGI-03 (Newport Beach) Outcomes

- Preliminary agreement on the “Newport Beach MP”
- Intention to maintain the stock above the 2nd rebuilding target
- Request ISC to calculate TAC, advise on exceptional circumstances and recruitment index

F-target	Control Point 1 (<u>ThRP</u>)	Control Point 2	No. of Control Points	<u>Fmin</u>	Review
FSPR 27.5%	20% $SSB_{F=0}$	7.7% $SSB_{F=0}$	2	SPR70%	MP will be reviewed after 6 years (3 x 2-year cycles)

Outstanding issues identified at JWGI-03:

- **West - East fishery impact;**
- **WCPO conservation measures for small fish;**
- **Treatment of sport fishing;**
- **Exceptional circumstances/ recruitment considerations;**
- **Conversion factors;**
- **Additional LRP considerations; and**
- **Implementation measures.**

This list was not inclusive of all issues identified by JWG members for consideration at JWG-11.

Agenda 5 Objectives:

- **Receive responses from ISC and incorporate elements as appropriate**
- **Resolve the “outstanding issues” and incorporate agreements into the MP; any agreements will inform discussion on implementation measures for WCPFC & IATTC (Agenda 7)**
- **Update the JWG work plan, including any requests for ISC**

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

11th Meeting

8 - 11 July 2026

Nagasaki, Japan

