

**JOINT IATTC AND WCPFC-NC WORKING GROUP MEETING ON THE
MANAGEMENT OF PACIFIC BLUEFIN TUNA
EIGHTH SESSION (JWG-08)**

Fukuoka, Japan
3 – 5 July 2023

US Proposal on ISC's Projection Scenarios

IATTC-NC-JWG08-2023/DP-19

Unites States of America

ISC Projection Scenarios

Proposed by the USA

JWG8 requests the ISC perform projections on the following scenarios in the 2024 assessment:

1. Maintaining the current CMM
2. Maintaining the current CMM assuming maximum transfers utilizing the conversion factor
3. No fishing allowed
4. Four scenarios as described below that result in the stock maintained above 20%SSB0 with a probability of 60%.
 - A scenario where increases are proportional between WCPO small/large fish catch limit and EPO catch limits
 - A scenario where increases are proportional between WCPO large fish catch limit and EPO catch limit
 - Scenarios of WCPO small fish catch limit increase by 20% and 30% respectively, while maintaining the proportion between WCPO total (small/large) catch limit and EPO catch limit
5. At least two scenarios that will result in each of 70:30 and 80:20 WCPO:EPO fishery impact by 2034 that maintain the stock above the second rebuilding target. The exact % increase can be determined by the ISC to meet the each of 70:30 and 80:20 fishery impact.
 - A scenario where increases are proportional for WCPO large and small fish
 - A scenario where increases are higher for WCPO large fish as compared to small fish.

Additionally, JWG8 has the following requests for ISC related to projections:

1. Once there is confirmation of meeting the second rebuilding target, the ISC shall recommend and provide information on the appropriate recruitment scenario(s) for use in the above projections.
2. Include in the projections results table a metric that calculates the probability of overfishing compared to candidate target reference points.