

South Pacific Albacore Conservation and Management Measure

Intersessional Meeting of the Western and Central Pacific Fisheries
Commission

4 October 2017

Introduction

Background – How we got here

- Various CMMs
- MOW 1-4
- Draft Bridging CMM

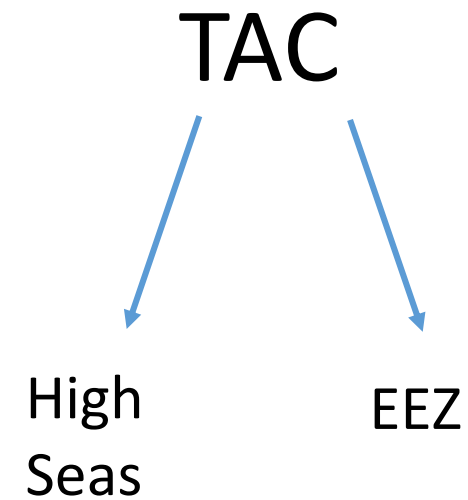
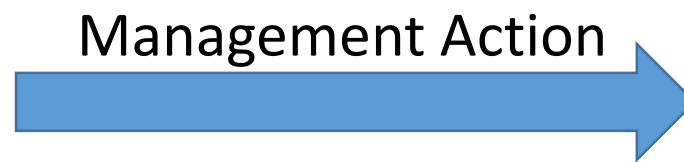
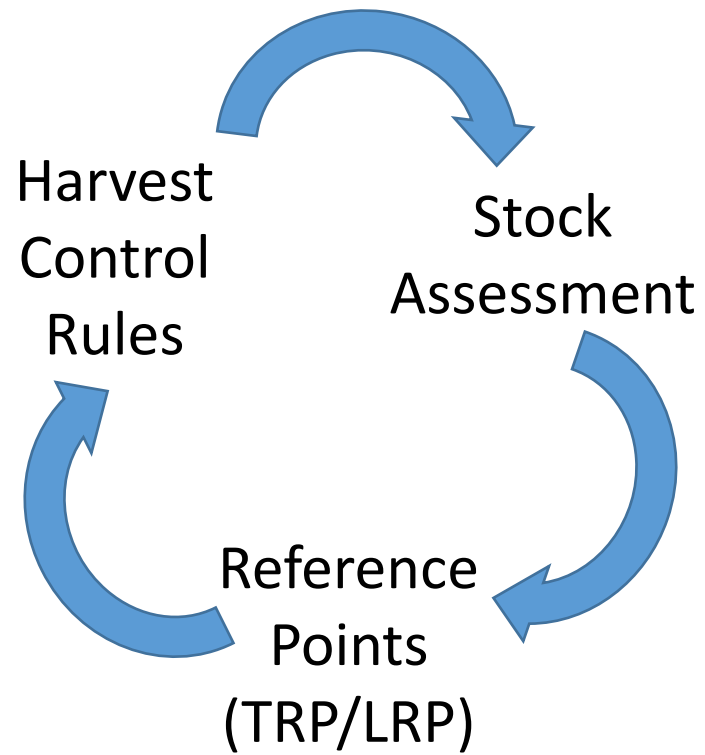
Why we're here

(WCPFC13 Recommendations)

- WCPFC13 agreed to task New Zealand, on behalf of FFA, with advising members early in 2017 of the proposed process for progressing the Bridging CMM on South Pacific albacore.
- The Commission directed that further discussion of the TRP should take place over the course of 2017 as part of the ongoing consultative process for the development of a Bridging Measure for the Conservation and Management of the South Pacific Albacore stock, and should include a report on progress by the Convenor of that process to the 13th WCPFC Scientific Committee.

Meeting Goals

- Refine the fishery objectives
- Advance the draft bridging CMM



Candidate Management Objectives –

SC13-2017/MI-WP-02

Biological

- Sustainable stock size

Social

- Food security in developing states
- Avoid adverse impacts on small scale fishers
- Maintain/develop domestic fishery – NEW
- Human resource development - NEW

Economic

- Max economic yield
- Maximise catch
- Maximise SIDs revenues from rents
- Effort predictability
- Maintain albacore, big eye, yellowfin, swordfish around TRP
- Optimise capacity – NEW

Ecosystem

- Minimise catch of non-target species

Potential Refined List

- Spawning biomass remains above the adopted Limit Reference Point of 20%
- Maintain spawning biomass at a level that supports longline catch rates higher than the levels observed in recent years
- Manage the fishery in a way that prevents large inter-annual variations in catch and effort.

Bridging CMM

- Interim TAC
 - Range for discussion
 - MSY: 76,800mt
 - 2005 catches: 56,486mt
 - 2015 catches: 63,300mt
 - 45% SBF=0: 44,000mt
 - 42% SBF=0: 46,100mt

Harvest Strategy Components - TRP

- Range of TRPs SB2033/SBF=0
 - 45%
 - Allows 20% revenue margin per average vessel
 - Risk of breaching LRP 0%
 - 14%
 - Maximum Sustainable Yield
 - Risk of breaching LRP 74%
 - 32%
 - Achieved if no change in effort from 2013 levels
 - Risk of breaching LRP 20% (maximum agreed by Commission)

Interim allocations

Range of interim allocations for discussion

Options for EEZ:HS split:

- Norm best 68%:32%
- 2005 catch 57%:43%
- 15 year av 60%:40%
- 2015 66%:34%
- 2000-2004 av 54%:46%

Terminology

From MOW-WINF-05

- Harvest Strategy: specifies target and limit reference points and management actions associated with achieving the targets and avoiding the limits
- Limit reference point (where not to go) - a benchmark which defines undesirable states of the system that should be avoided or achieved with very low probability.
- Target reference point (TRP): a benchmark which assesses the performance of management in achieving one or more operational management objectives.
- Harvest control rule – specific course of action that includes the specific amount of catch, effort, or fishing mortality based on some indicator of the current system state (e.g. stock status)