

DEVELOPMENT OF MO/HCR FOR NORTHERN SPECIES: INPUT FROM THE NC

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Paragraph 13 of CMM2014-06

“13. The Commission shall agree a workplan and indicative timeframes to adopt or refine harvest strategies for skipjack, bigeye, yellowfin, South Pacific albacore, Pacific bluefin and northern albacore¹ tuna by no later than the twelfth meeting of the Commission in 2015. This workplan will be subject to review in 2017. The Commission may agree timeframes to adopt harvest strategies for other fisheries or stocks.

¹ Draft timeframes and harvest strategies for stocks which occur mostly in the area north of 20N to be developed and recommended by the Northern Committee.”

Pacific Bluefin Tuna



PBF Measure (CMM2015-04: relating MO/HCR)

- **Provisional Multi-Annual Rebuilding Plan starting in 2015**
 - ***Initial goal:*** Rebuilding the SSB to the historical median (42,592t) within 10 years with at least 60% probability
 - ***Review process:*** Implementation and progress of the plan shall be reviewed based on the stock assessments and SSB projections by ISC in 2016
 - ***Task for ISC:*** ISC is requested to update the SSB projection ... previously recommended by the WCPFC, along with any additional scenarios recommended by the NC
 - ***RP and HCR:*** Consider and develop RP and HCR at NC in 2015 and 2016

Discussions on PBF at NC11

- NC agreed to consider and develop management framework in 2016.
- Noting possible low recruitment recently reported, NC recommends the Commission revise the current CMM2014-04 by adding a new paragraph to incorporate “the emergency rules” to read:

New Paragraph 5

An emergency rule shall be developed in 2016 which stipulates specific rules all CCMs shall comply with when drastic drops of recruitment are detected.

North Pacific Albacore



Precautionary management framework for North Pacific Albacore (NC10 adopted)

- **Management objective:** **Maintain the biomass around its current level** in order to allow the recent exploitation level to continue and with a low risk of breaching the LRP.
- **LRP:** **20%SSB_{current} F=0**
- **LRP Rule:** In the event that, the spawning stock size decreases below the LRP at any time, NC will adopt a reasonable timeline, but no longer than 10 years, for rebuilding the spawning stock to at least the LRP and recommend a CMM that can be expected to achieve such rebuilding within that timeline.
- **TRP:** **Determined following a comprehensive analysis**, if appropriate, under a Management Strategy Evaluation (MSE) approach
- **Future work:** This Framework shall be reviewed following the 2017 ISC stock assessment of NPA.

Discussions on NPA at NC11

- NC11 discussed a development of reference points and harvest control rules for the long-term management of North Pacific Albacore.
- NC11 agreed to advance the work on MSE based on the document provided by ISC (NC11-WP01) particularly the expected input from managers as contained as table 1, taking also into account the US proposal (NC11-DP01).

SMMURY: Harvest Strategy for Northern Stocks (abstract from Work programme and CMMs)

	North Pacific Albacore	Pacific Bluefin
2014	<ul style="list-style-type: none"> ➤ Agree management objectives for the fishery ➤ Agree Limit Reference Point ➤ Agree Decision Rules 	<ul style="list-style-type: none"> ➤ Agree the initial goal of rebuilding the SSB to the historical median
2015	<ul style="list-style-type: none"> ➤ Develop Target Reference Point ➤ Management strategy evaluation <ul style="list-style-type: none"> • NC agrees to advance the work on MSE. • NC starts consideration of establishment of TRP following MSE. 	<ul style="list-style-type: none"> ➤ Develop Reference Points ➤ Develop Harvest Control Rules <ul style="list-style-type: none"> • NC starts considering and developing (i) reference points and (ii) harvest control rules.
2016	<ul style="list-style-type: none"> ➤ Develop Target Reference Point ➤ Management strategy evaluation <ul style="list-style-type: none"> • NC continues to work to establish TRP based on MSE, supporting and considering the results of ISC MSE Workshop. 	<ul style="list-style-type: none"> ➤ Develop Reference Points ➤ Develop Harvest Control Rules ➤ Agree Emergency Rules <ul style="list-style-type: none"> • NC considers and develops (i) reference points and (ii) harvest control rules. • NC hosts a joint meeting with IATTC
2017	<ul style="list-style-type: none"> ➤ Develop Target Reference Point ➤ Management strategy evaluation <ul style="list-style-type: none"> • NC continues to support ISC MSE work to complete establishment of TRP. 	