

DRAFT ROAD MAP FOR THE DEVELOPMENT OF MANAGEMENT STRATEGY EVALUATION (MSE) AND HARVEST CONTROL RULES (HCR)

Proposal submitted by the United States and the European Union

A 5-year schedule to develop harvest strategies for priority stocks identified in Rec. 15-07 (north Atlantic albacore, north Atlantic swordfish, eastern and western Atlantic bluefin tuna, and tropical tunas) based on the SCRS response to the Commission in 2016.

	<i>NALB</i>	<i>BFT</i>	<i>NSWO</i>	<i>Tropicals</i>
2015	- Commission established management objectives in Rec. 15-04			
2016	- SCRS evaluated a range of candidate HCRs through <u>MSE</u> - PA2 identified performance indicators			- Commission to identify performance indicators
2017	- SCRS to evaluate the performance of candidate HCRs through MSE, using the performance indicators developed by <u>PA2</u> - <u>SWGSM</u> to review and propose HCR to <u>Commission</u> - Commission to select a candidate HCR and adopt an HCR with associated TAC at the Annual Meeting	- <u>SCRS</u> to evaluate a range of candidate HCRs through MSE - <u>SWGSM</u> to identify the acceptable quantitative level of probability of achieving and/or maintaining the stocks in the green zone of the Kobe plot and avoiding the limit reference points - <u>SWGSM</u> to identify performance indicators - <u>SCRS</u> to conduct stock assessment	- <u>SWGSM</u> to identify the acceptable quantitative level of probability of achieving and/or maintaining the stock in the green zone of the Kobe plot and avoiding the limit reference point - <u>SWGSM</u> to identify performance indicators - <u>SCRS</u> to conduct stock assessment [...]	- <u>SWGSM</u> to identify the acceptable quantitative level of probability of achieving and/or maintaining the stocks in the green zone of the Kobe plot and avoiding the limit reference point - <u>SCRS</u> to <u>review performance indicators for YFT, SKJ, and BET</u> - <u>Initiate development of YFT/SKJ/BET MSE</u>

	<i>NALB</i>	<i>BFT</i>	<i>NSWO</i>	<i>Tropicals</i>
2018		<ul style="list-style-type: none"> - SCRS to evaluate the performance of candidate HCRs through MSE, using the performance indicators developed by SWGSM or <u>Panel 2</u> - Commission to select candidate HCR and adopt an HCR with associated TAC 	<ul style="list-style-type: none"> - SCRS to review performance indicators 	<ul style="list-style-type: none"> SCRS to conduct BET stock assessment [...] [...] [...]
2019			<ul style="list-style-type: none"> - SCRS to evaluate a range of candidate HCRs <u>through MSE</u> and to present the results to the Commission - Commission to select a candidate HCR and adopt an HCR with associated TAC 	<ul style="list-style-type: none"> -SCRS to conduct skipjack stock assessment
2020				<ul style="list-style-type: none"> -SCRS to evaluate the performance of candidate HCRs through MSE, using the performance indicators - Commission to select a candidate HCR and adopt an HCR with associated TAC