

Ecosystems Based Fishery Management

Scope: Phase II/III – Develop worked example of integrated Example Fishery Ecosystem Plan for Georges Bank.

STAFF PROJECT MANAGER: Andrew Applegate

2017	
JAN	NEFMC - Georges Bank Example Fishery Ecosystem Plan (eFEP) - Committee progress report
FEB – MAY	Committee and PDT continue work on examples of GB Ecosystem Production Unit (EPU) operating models and draft ecosystem forage fish mgt. policy
SEP	NEFMC - Georges Bank Example Fishery Ecosystem Plan – report on quantitative worked examples of GB EPU operating models and harvest control rules
TBD	PDT develops MSE work plan
2018	
JAN	DELAYED – Center for Independent Experts (CIE) peer review of EBFM catch framework and application of operating models
APR 30-MAY 4	Center for Independent Experts (CIE) peer review of EBFM catch framework and application of operating models
JUN	EBFM Committee develops course of action to further development of eFEP
SEP	NEFMC – Council receives summary of CIE review
SEP 2018 – APR 2019	PDT fleshes out remaining details of eFEP framework; NEFSC and others continue operating model development, incorporating CIE recommendations
2019	
JAN	Council receives progress report on eFEP issues; adopts plan for future development possibly including an MSE process.
JUN	Secure MSE steering panel membership and begin planning, using the eFEP template and available draft discussion documents; retrospective analysis of herring MSE
JUL-AUG	MSE Steering Committee considers issues and develops recommendations
SEP	Council contracts with experts to conduct MSE facilitator
SEP	Council receives complete eFEP framework and recommendations from MSE Steering Committee
OCT 2019 – MAR 2020	Council conducts MSE meetings and analysis
DEC 2019 - FEB 2020	Create ecosystem diagrams and refine operating models (NEFSC)
2020	
MAR	SSC review of ecosystem diagrams and refine operating models
APR-DEC	Analyze Management Strategies (NEFSC) <ul style="list-style-type: none"> • Present initial strategies at workshops • Identify most viable strategies (MSE) • Present final results to SSC • Present MSE results to the Council
2021	

TBD	Council receives MSE report and determines whether and how to proceed with an actual Fishery Ecosystem Plan
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Status	Task – prepare draft document outlining concept and potential issues	DRAFT Document	Timeline (based on Council meeting schedule)
Example approved	<ul style="list-style-type: none"> • Strawman goals, strategic objectives, tactical objectives 		September 2016
In eFEP document	<ul style="list-style-type: none"> • Harvest control framework 		April 2017
Completed	<ul style="list-style-type: none"> • Worked example 		September 2017
Sept 2018 presentation	<ul style="list-style-type: none"> • CIE review of worked example 		June 2018 (April 2018 postponed)
In eFEP document	<ul style="list-style-type: none"> • Overfished stocks, status determinations, and rebuilding measures 	Document 4	April 2019
In eFEP document Committee guidance	<ul style="list-style-type: none"> • Accountability measure application to fishery functional groups • Forage fish management 		
In eFEP document Committee guidance	<ul style="list-style-type: none"> • Scope (area, fisheries, managed stocks) • Catch allocation by functional group • Fishing access and permitting 	Document 6 Document 8	December 2018 April 2019 April 2019
In eFEP document	<ul style="list-style-type: none"> • Spatial Management Measures for Habitat, Spawning, and Endangered/Threatened Species Protection; Invasive species policies and measures 	Document 9	April 2019
In eFEP document In progress Discussion draft Committee	<ul style="list-style-type: none"> • Technical measures • Incentive-based measures • Data collection and monitoring • Jurisdiction, Cooperation, Coordination amongst 	Document 5 Document 7	April 2019 Sept 2019 (Aug?) June 2019 June 2019

discussion Not yet addressed	<p>management authorities</p> <ul style="list-style-type: none"> • Unmanaged and invasive species policies 	Document 12	Not tasked
In eFEP document Not yet addressed	<ul style="list-style-type: none"> • Decision support (IEA, ERA, MSE) • Transition strategy from species to place-based FEP 	Document 11	Sept 2019 June 2019