

# 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	<b>NEFMC - Georges Bank Example Fishery Ecosystem Plan (eFEP) - Committee progress report</b>
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	<b>NEFMC - Georges Bank Example Fishery Ecosystem Plan – report on quantitative worked examples of GB EPU operating models and harvest control rules</b>
TBD	PDT develops MSE work plan
2018	
JAN	<b>DELAYED</b> – 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	<b>NEFMC – Council receives summary of CIE review</b>
SEP 2018 – APR 2019	PDT fleshes out remaining details of eFEP framework; NEFSC and others continue operating model development, incorporating CIE recommendations
2019	
JAN	<b>Council receives progress report on eFEP issues; adopts plan for future development possibly including an MSE process.</b>
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	<b>Council receives complete eFEP framework and recommendations from MSE Steering Committee</b>
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"> <li>• Present initial strategies at workshops</li> <li>• Identify most viable strategies (MSE)</li> <li>• Present final results to SSC</li> <li>• Present MSE results to the Council</li> </ul>
2021	

<b>TBD</b>	<b>Council receives MSE report and determines whether and how to proceed with an actual Fishery Ecosystem Plan</b>
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Task – prepare draft document outlining concept and potential issues	DRAFT Document	Timeline (based on Council meeting schedule)
<ul style="list-style-type: none"> <li>• Strawman goals, strategic objectives, tactical objectives</li> </ul>		September 2016
<ul style="list-style-type: none"> <li>• Harvest control framework</li> </ul>		April 2017
<ul style="list-style-type: none"> <li>• Worked example</li> </ul>		September 2017
<ul style="list-style-type: none"> <li>• CIE review of worked example</li> </ul>		June 2018 (April 2018 postponed)
<ul style="list-style-type: none"> <li>• <b>Overfished stocks, status determinations, and rebuilding measures</b></li> <li>• <b>Accountability measure application to fishery functional groups</b></li> </ul>	Document 4	Sept 2018
<ul style="list-style-type: none"> <li>• <b>Scope (area, fisheries, managed stocks)</b></li> <li>• <b>Catch allocation by functional group</b></li> <li>• <b>Fishing access and permitting</b></li> </ul>	Document 6 Document 8	December 2018
<ul style="list-style-type: none"> <li>• <b>Spatial Management Measures for Habitat, Spawning, and Endangered/Threatened Species Protection; Invasive species policies and measures</b></li> </ul>	Document 9	January 2019
<ul style="list-style-type: none"> <li>• <b>Technical measures</b></li> <li>• <b>Incentive-based measures</b></li> <li>• <b>Data collection and monitoring</b></li> <li>• <b>Jurisdiction, Cooperation, Coordination amongst management authorities</b></li> <li>• <b>Unmanaged and invasive species policies</b></li> </ul>	Document 5 Document 7 Document 12	April 2019
<ul style="list-style-type: none"> <li>• <b>Decision support (IEA, ERA, MSE)</b></li> <li>• <b>Transition strategy from species to place-based FEP</b></li> </ul>	Document 11	June 2019