

Draft eFEP Goals and Objectives

1. Goals and objectives

1.1. Goals – measurable or desirable outcomes

1.1.1. Overarching Goal

To protect the ecological integrity of US marine resources as a sustainable source of wealth and well-being for current and future generations (Goal A)

1.1.2. Strategic Goals (Derived from Magnuson definition of OY as in Risk Policy Document):

1. Optimize Food Provision through targeted fishing and fishing for species for bait
2. Optimize Employment
3. Optimize Recreational Opportunity
4. Optimize Intrinsic (Existence) values, [recognizing inherent dynamic properties and limits of the system](#)
5. Optimize Profitability
6. Promote stability in both the biological, [ecological](#), and social systems

1.2. Objectives - General description of how the FEP is designed to achieve goals

1.2.1. Strategic Objectives

Manage and support

1. ~~Maintain/restore~~ functional production levels (ecosystem, community scale emphasis)
2. ~~Maintain/restore~~ functional biomass levels (community/species scale emphasis)
3. ~~Maintain/restore~~ functional trophic structure
4. ~~Maintain/restore~~ functional habitat

1.2.2. Operational Objectives (SMART: Specific, Measurable, Achievable, Relevant, Time-bound)

1. Ecosystem and community/aggregate fishing mortality and or total catch is below established dynamic threshold (Strategic Objective 1)
 - a. Phrased as probability according to risk policy
 - b. Specified for each spatial scale and time unit
 - c. Dynamic to account for environmental/climate shifts
 - d. ~~“GB EPU total catch has less than 40% probability of exceeding the total catch limit between 2016-2018”~~
2. ~~Fishing related mortality for threatened/endangered/protected species is minimized (could establish caps if desired) (Strategic Objective ?)~~
3. Managed ~~and protected species~~ biomass is above established minimum threshold [to comply with Endangered Species Act and Magnuson-Stevens Act requirements](#) (Strategic Objectives 1 and 3)
 - a. Phrased as probability according to risk policy

- b. Specified for each spatial scale and time unit
 - c. Dynamic to account for environmental/climate shifts
 - ~~d. “GB haddock biomass has less than 40% probability of dropping below minimum B threshold between 2016-2018”~~
4. Maintain ecosystem structure within historical variation, recognizing inherent dynamic properties and limits of the system; Ecosystem structure includes size structure, trophic structure, and functional group structure. (Strategic Objective 3)
- ~~a. Maintain size structure within acceptable limits; e.g. *The large fish indicator within defined limits~~
 - ~~b. Maintain trophic structure within acceptable limits; e.g.

 - ~~. *Mean trophic level of the catch within defined limits~~
 - ~~. *Marine trophic index of the community (MTI) within defined limits~~
 - ~~. *Mean trophic level of the community within defined limits~~
 - ~~. *Mean trophic level of the modelled community within defined limits~~~~
 - ~~g.a. Maintain functional group/guild structure within acceptable limits; e.g. *Functional Group/Guild level biomass across ecosystem components within defined limits~~
5. Maintain habitat structure, function, productivity and diversity for managed species (Strategic Objective 4)
- ~~6. Habitat structure and function are maintained for exploited species~~
- ~~7.6. Minimize to the extent practicable the risk of permanent (>20 years) impacts; e.g.~~
- ~~a. Corals and sponges~~
 - ~~b. Other vulnerable biogenic habitats~~
 - ~~c. Coastal habitats vulnerable to Aquatic Invasive Species (AIS)~~
 - ~~d.a. Vulnerable physical habitats (e.g. relict glacial gravel banks)~~