Appendix 1. Ecosystem and Socioeconomic Profile of the Myfish stock in the Myarea

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# Executive Summary

Short description of national initiative and regional recommendations to produce ESP

Short description of ESP process type (e.g., general, stage-based)

## Ecosystem Considerations

Summary conclusions from metric assessment

Summary conclusions from indicator assessment

## Socioeconomic Considerations

Summary conclusions from metric assessment

Summary conclusions from indicator assessment

# Introduction

Summary of regional ecosystem considerations priorities

Description of four-step ESP process and reference, include metric and indicator definition

## Justification

Scores in relevant national initiatives, stock assessment classification results

Stock-specific regional research priorities (e.g., Plan Team, SSC, Council recommendations, annual guidance memo, strategic plans, etc.)

## Data

Brief description of data streams used in the analysis, may reference main SAFE document

Table of data sources with references

# Metrics Assessment

## National Metrics

Description of measures collected in the national initiatives relevant to the stock FMP

Description of ecosystem and socioeconomic stock vulnerabilities

Ecosystem metrics example: high recruitment variability (standard deviation of log recruitment estimates > 0.9), low fecundity, and small hatch size indicate vulnerabilities in early life

Socioeconomic metrics example: high commercial importance, high constituent demand indicate high value to fisheries and communities and vulnerability to fishing pressure

Graph of national initiative metric panel

## Ecosystem Processes

Description of ecosystem metrics that identify dominant pressures on the stock, evaluate by life history stage where possible

Graph or Table of life history stage information (e.g., distribution, timing, duration, size)

## Socioeconomic Processes

Description of socioeconomic performance metrics that identify dominant pressures on the stock, evaluate by life history stage where possible

Table of socioeconomic performance information (e.g., price, value by fishery, number of vessels)

# Indicators Assessment

## Indicator Suite

Brief literature review on ecosystem or socioeconomic indicators previously explored for stock that are currently available or updatable

Description of indicator suite based on metric assessment and literature review

List of ecosystem indicators ordered by category (physical, zooplankton, larvae and young-of-the-year, juvenile, and adult)

List of socioeconomic indicators ordered by category (fishery performance, economic, community)

Graph of indicator time series panel, follow ecosystem status report card format

Table of indicators including description, source, relationship to stock, recent trend

## Indicator Monitoring Analysis

Description of statistical tests for monitoring indicator suite by stage where relevant (Stage 1: scoring test, Stage 2: importance test, Stage 3: modeling test)

Supportive graphs and/or tables of statistical tests where relevant

# Recommendations

Summary of main considerations separated by ecosystem and socioeconomic categories

## Ecosystem Considerations

Summary conclusions from metric assessment

Summary conclusions from indicator assessment

## Economic Considerations

Summary conclusions from metric assessment

Summary conclusions from indicator assessment

## Data Gaps and Future Research Priorities

Description of data gaps, future priorities for ecosystem and socioeconomic research that would support future versions of the ESP

# Acknowledgements

Include contributors, internal reviewers, Groundfish/Crab Plan Teams, SSC, AFSC personnel and divisions, other state, national, international contributing agencies

# Literature Cited

Include reference numbers at the end of the citations from the life history table

Include DOI or links to papers where possible

# Tables

[1] “tables/example.csv”

# Figures

[1] “images/noaa.jpg”