

NORTH PACIFIC FISHERY MANAGEMENT COUNCIL
Scientific and Statistical Committee

OUTLINE FOR FISHERY MANAGEMENT PLANS

The attached outline for management plan development is intended to specify the various elements to be considered in the drafting of a specific management plan for fisheries under Council jurisdiction. The outline is not intended to be confining in that the management plan may have to repeat each category for each fishery or management unit. Organization of the plan may logically divide the presentation into fishery-wide overviews and stock-specific sections. Items adequately covered in one section would not have to be repeated in succeeding sections and some items would not be applicable to a particular species, stock or fishery.

1.0 Introduction

1.1 Goals and Objectives for Management Plan

1.2 Operational definitions of terms used

2.0 Description of Fishery

2.1 Areas and stocks involved

2.2 History of Exploitation

2.2.1 Domestic Fishery

2.2.1.1. Description of user groups

2.2.1.2. General description of fishing effort

2.2.1.3. Catch trends

2.2.1.4. Description of vessels and gears employed

2.2.2. History of foreign exploitation

2.2.2.1. Description of user groups

2.2.2.2. General description of fishing effort

2.2.2.4. Description of vessel and gears employed

2.3 History of Management

2.3.1 Domestic fishery

2.3.1.1. Regulatory measures employed to regulate fishery

2.3.1.2. Purpose of measures

2.3.2 Foreign

2.3.2.1. Regulatory measures employed to regulate fishery

2.3.2.2. Purpose of measures

2.3.3 Effectiveness of management measures (foreign and domestic)

2.4 History of Research

2.4.1 U. S.

2.4.2 Foreign

2.5 Socio-economic characteristics

2.5.1 Output of subject domestic commercial fishery

2.5.1.1. Value of catch (ex vessel)

2.5.1.2. Description and value of product (wholesale)

2.5.1.3. Markets, domestic and export

2.5.2 Domestic Commercial fleet (vessels and/or gear) characteristics

2.5.2.1. Total gross income of fleet (from subject fishery and all other fisheries, and average per fleet unit)

2.5.2.2. Investment in vessels and gear (Total and Average per fleet/gear unit)

2.5.2.3. Annual participation in subject fishery (in vessel-days or other appropriate measure)

- 2.5.2.4. Total manpower employed (man-days per season, average weekly employment or other appropriate measure) and labor payments (shares and wages)
- 2.5.2.5. Economic viability (net income and efficiency)
- 2.5.3 Domestic commercial processing characteristics
 - 2.5.3.1. Total gross income of area processors (from subject and all other fisheries, and average per unit)
 - 2.5.3.2 Investment in plant, equipment, etc., (total and average per operator)
 - 2.5.3.3. Total employment and labor income
 - 2.5.3.4. Economic viability (net income and efficiency)
- 2.5.4 Recreational fishing characteristics
- 2.5.5 Subsistence fishing characteristics
- 2.5.6 Indian Treaty fishing characteristics
- 2.5.7 Other activities directly related to fishing
- 2.5.8 Area community characteristics
 - 2.5.8.1. Total population (by relevant demographic characteristics)
 - 2.5.8.2. Total employment (from subject and all other area fisheries and related activities by number of workers at peak and annual monthly averages by resident Alaska and non-resident and Native and non-Native)
 - 2.5.8.3 Total work force (all industries including fisheries by industrial classification, number employed, unemployed, total payroll and other labor income)
- 2.6 Interaction between and among user groups (Impact of foreign fishery on domestic fishing activities and of domestic subject fishery and other fisheries)
- 2.7 Federal and State revenues derived from fishery

3.0 Biological descriptors

3.1 Life history features

3.2 Stock units

3.3 Catch effort data

3.4 Survey and sampling data

3.5 Other

3.6 Quality of data

3.7 Current status of stocks

3.7.1 Maximum Sustainable Yield (MSY)

3.7.2 Equilibrium Yield (EY)

3.7.3 Acceptable biological catch (ABC)

3.8 Estimate of future stock conditions

4.0 Catch and Capacity Descriptors

4.1 Data and analytical approaches

4.1.1 Domestic

4.1.2 Foreign

4.2 Domestic Annual Capacity (DAC)

4.3 Expected Domestic Annual Harvest (DAH)

5.0 Optimum Yield Concept

5.1 Departure from MSY to ABC for biological reasons

5.2 Departure from ABC for socio-economic reasons

5.3 Optimum Yield (OY)

6.0 Total Allowable Level of Foreign Fishery (FAC)

7.0 Management Regime

7.1 Management Objectives

7.2 Areas, fisheries and stocks involved

7.3 Management Measures and Rationale

7.3.1 Domestic

- 7.3.1.1. Season, gear, and area restrictions
- 7.3.1.2. Size and sex restrictions
- 7.3.1.3. Quotas
- 7.3.1.4. Other (limit entry)
- 7.3.2 Foreign
 - 7.3.2.1. Season, gear, and area restrictions
 - 7.3.2.2. Size and sex restrictions
 - 7.3.2.3. Other (Limit entry)
- 7.4 Enforcement Requirements
- 7.5 Reporting Requirements
 - 7.5.1 Data Standards
 - 7.5.2 Time and Place of Reporting
- 7.6 Cooperative Research Requirements
- 7.7 Permit Requirements
- 7.8 Financing Requirements
 - 7.8.1 Management and Enforcement Costs
 - 7.8.2 Expected State and Federal Revenues, Taxes, Fees
- 8.0 References
- 9.0 Appendices