APPENDIX B-1

SUMMARY OF ABBREVIATIONS

DOCUMENTS

EA = Environmental Assessment
EIS = Environmental Impact Statement (DEIS is the draft version)
PMP = Fishery Management Plan (DFMP is the draft version)
FR = Final Regulations
PR = Proposed Regulations
RFA = Regulatory Flexibility Analysis (IRFA is the initial version)
RIR = Regulatory Impact Review (DRIR is the draft version)

OFFICES AND OFFICERS

AP = Advisory Panel
DOC = Department of Commerce
EISC = Environmental Impact Statement Coordinator
EPA = Environmental Protection Agency
GCF = General Counsel for Fisheries (NMFS)
NMFS = National Marine Fisheries Service
NOAA = National Oceanic and Atmospheric Administration
OMB = Office of Management and Budget
PC = Plan Coordinator
RC = Regulations Chief (NMFS)
RD = Regional Director (NMFS)
SE = Staff Economist (NMFS)
SSC = Scientific and Statistical Committee
W.O. = Washington Office (NOAA)

STATUTES

CZMA = Coastal Zone Management Act
ESA = Endangered Species Act
FCMA = Magnuson Fishery Conservation and Management Act
MMPA = Marine Mammal Protection Act
NEPA = National Environmental Policy Act
RFA = Regulatory Flexibility Act

MISCELLANEOUS

FMU = Fishery Management Unit
MSY = Maximum Sustained Yield
OY = Optimum Yield
TALFF = Total Allowable Level of Foreign Fishing
APPENDIX B-2

Sample FMP Format

1. Cover Sheet: Provides identification of the plan, the subject fishery, and the responsible Council.

2. Summary of the DFMP.

3. Table of Contents.

4. Introduction: Describes development of DFMP by the Council and overall management objectives.

5. Description of Stock(s):
   i. Species or group of species and their distribution: A biological description and the geographical distribution of the species or group of species comprising the FMU as identified by the Council.
   ii. Abundance and present biological condition of specie(s) in FMU.
   iii. Ecological relationship of the stock(s) with other fish, animals, or plants, including discussion of relevant food chain and predator-prey relationships.
   iv. Estimate of MSY: Specifies the maximum sustainable yield of the stock(s) based upon the best scientific information available.
   v. Probable future condition: Future conditions of stock(s) if present conditions and trends continue.
   vi. Other.

6. Description of Habitat:
   i. Conditions of habitat: Describes the habitat, factors affecting its productivity, and probable future condition if present condition and trends continue.
   ii. Habitat areas of particular concern: Identifies and describes the habitat areas which are of particular concern because of a requirement in the life cycle of the stock(s) -- e.g., spawning grounds, nurseries, migratory routes, etc. Areas which are currently or potentially threatened with destruction or degradation are identified.
   iii. Habitat protection programs: Description of programs to protect or restore the habitat of the stock(s) from
destruction or degradation, including the relationship of any approved Coastal Zone Management Programs in the affected state(s). The plan proposed by a Council should be consistent with any such approved program.

iv. Other.

7. Fishery Management Jurisdiction, Law, and Policies:

i. Management institutions: The institutions which have fishery management authority over the stock(s) throughout their range.

ii. Treaties or international agreements: Describes applicable treaties with foreign nations or international fishery agreements which affect the PMU, either directly or indirectly.

iii. Federal laws, regulations, and policies: Impact of any applicable federal laws, regulations, etc.

iv. State laws, regulations, and policies.

v. Local and other applicable laws, regulations, and policies: Includes any Indian treaty fishing rights embodied in treaties, case law, or other agreements.

8. Description of Fishing Activities Affecting the Stock(s) Comprising the Management Unit:

i. History of exploitation: Summarizes the historical fishing practices, both foreign and domestic. Identifies past user groups, vessel and gear types and quantities, and fishing areas.

ii. Domestic commercial and recreational fishing activities: Gives a complete description of current domestic fishing activities involving the management unit. Includes commercial, recreational, subsistence and treaty Indian fishing. The description includes, where applicable:

a. Participating user groups,

b. Vessels and gear,

c. Employment in recreational and commercial sectors,

d. Fishing and landing areas utilized throughout the range of the stock(s),

e. Conflicts among domestic fishermen involving competition for fishing areas, gear damage, etc.,
f. Amount of landings/catches,
g. Assessment and specification of U.S. harvesting capacity,
h. Assessment and specification of U.S. processing capacity,
i. Assessment and specification of the extent, on an annual basis, to which U.S. vessels will harvest the optimum yield as specified by the Council,
j. Assessment and specification of extent to which U.S. processors will process fish caught by U.S. fishermen in the FCZ.

iii. Foreign fishing activities: A description of current foreign fishing activities. Includes, where applicable:
   a. Participating nations,
   b. Vessels (harvesting and support) and fishing gear,
   c. Fishing and landing areas,
   d. Enumeration of landings and value as distributed among the stock(s) comprising the FMU.

iv. Interactions between domestic and foreign participants in the fishery.

v. Domestic processing capacity.

9. Description of economic characteristics of the fishery:
   i. Domestic harvesting sector: Ex-vessel values of the catch. Method of value determination. Economic statistics for commercial fleet, including gross income, investment costs and revenues, measurement of effort, measurement of efficiency, and measurement of productivity. Economic statistics of recreational fishing, including investment, revenues, and tourism.

   ii. Domestic processing sector: Describes the wholesale products and their value. Specifies the capacity of the processing sector, as well as the degree of its dependence upon products from the fishery.

   iii. International trade: Describes the international trade in relevant fishery products. Discusses existing and proposed international business arrangements affecting the stock(s).

10. Description of businesses, markets, and organizations
associated with the fishery:

i. Relationships among harvesting, brokering, and processing sectors.

ii. Identification of fishery cooperatives or associations.

iii. Labor organizations involved in harvesting and processing.

iv. Foreign investment in domestic sectors of the fishery.

11. Description of social and cultural framework of domestic fishermen and their communities:

i. Ethnic character, family structure, and community organization.

ii. Age and education profiles of fishermen.

iii. Employment opportunities and unemployment rates: Identifies employment opportunities in the fishery, in other fisheries, and in non-fishing related work in the geographical area concerned. Compares current unemployment rate among fishermen and the applicable labor force in the same area. Describes relationship of seasonality in fishing employment to alternate forms of employment or to unemployment.

iv. Recreational fishing: Describes the social and cultural characteristics of fishermen who participate in the recreational sector of the fishery. Identifies the social and cultural benefits generated by the recreational sector of the fishery.

v. Economic dependence on commercial or marine recreational fishing and related activities: Describes economic dependence of fishermen and others on the fishery, including fishery related activities -- e.g., gear manufacture and repair.

vi. Distribution of income within the fishery communities.

vii. Other.

12. Determination of optimum yield (OY):

i. Specific management objectives.

ii. Descriptions of alternatives: Describes the alternative OYs considered and their advantages and disadvantages.

iii. Analysis of beneficial and adverse impacts of potential management option: Considers various conservation and
management measures to determine which are appropriate to achieve the optimum yield.

iv. Trade-offs between the beneficial and adverse impacts of the preferred or optimal management option(s).

v. Specification of optimum yield: The amount of fish, with respect to the yield from the fishery, which will provide the greatest overall benefit to the nation.

13. Measures, requirements, conditions, or restrictions specified to attain management objectives:

i. Permits and fees (discretionary).

ii. Time and area restrictions (discretionary).

iii. Catch limitations:

a. Total allowable level of foreign fishing (TALFF),

b. Types of catch limitation (discretionary): Whether limitations are based on areas, species, size, numbers, weight, sex, incidental catch, total biomass, or other factors.

iv. Types of vessels, gear, and enforcement devices (discretionary): Plan may prohibit, limit, condition, or require the use of specified types and quantities of fishing gear, vessels, and equipment, including devices to facilitate enforcement.

v. State, local, and other laws and policies (discretionary): The plan may incorporate (consistent with the FCMA) the relevant fishery conservation and management measures of the coastal states nearest the fishery.

vi. Limited access systems (discretionary):

a. Present participation in the fishery,

b. Historical fishing practices in, and social and economic dependence on, the fishery,

c. Economics of the fishery,

d. Capability of vessels used in the fishery to engage in other fisheries or pursuits,

e. Cultural and social framework relevant to the fishery,

f. Why other management measures are inadequate for conservation and management of the fishery,
g. Any other relevant considerations.

vii. Habitat preservation, protection, and restoration: Where the Secretary of Commerce does not have the authority to implement habitat preservation, protection, or restoration measures, the appropriate state, federal, or international entity will be informed of the need and proposed measures.

viii. Development of fishery resources: A plan may identify those fishery resources associated with the stock(s) which are underutilized or not utilized by U.S. fishermen.

ix. Management costs and revenues.

x. Other.

14. Specification and source of pertinent fishery data:

i. General: Specification of pertinent data to be submitted by participants in the fishery.

ii. Domestic and foreign harvesters: Includes information as to type and quantity of gear, catch by species in numbers of fish or weight, fishing effort, fishing areas, time of fishing, number of hauls, etc.

iii. Processors: Plan should specify information that must be submitted by fish buyers, processors, etc.

15. Relationship of the recommended measures to existing applicable laws and policies:

i. Other FMPs.

ii. Treaties or international agreements.

iii. Federal law and policies.

iv. State, local, and other applicable law and policies.

16. Council review and monitoring of the Plan: Discusses generally the procedures that the Council and its advisory groups would use to review and revise the Plan.

17. References cited in the Plan.

18. Appendix:

i. Sources of data and methodology.

ii. List of public meetings and summary of proceedings.
APPENDIX B-3

Fishery Management Plan Status Report

(As of March 1984)
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