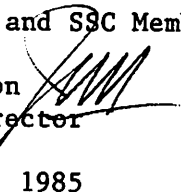


M E M O R A N D U M

TO: Council, AP, and SSC Members

FROM: Jim H. Branson 
Executive Director

DATE: September 18, 1985

SUBJECT: Salmon FMP

ACTION REQUIRED

Review need for FMP rewrite/update; consider contract approval.

BACKGROUND

The Council has put the Salmon FMP update on hold until the US/Canada Salmon Commission is in full operation. Although we are not yet certain just what role the Council will have within the US/Canada framework, work could begin on updating the descriptive and historical sections of the FMP. Salmon Plan Team members have been heavily involved in Commission technical activities as well as their ongoing primary management responsibilities, so few if any Team members will have time to devote to redrafting the FMP. We have received a proposal from Mike Fraidenburg, who is currently on the Plan Team, to redraft the FMP while on education leave from the Washington Department of Fisheries. His proposal is attached here as Item D-3(a).

The Board of Fisheries will consider salmon issues beginning December 3 in Petersburg, so there will be no joint meeting this year. We are not planning a detailed review of salmon proposals at the December meeting but will provide a summary of Board actions at the January meeting.

STATUS OF CURRENT PLAN

The Salmon Fishery Management Plan currently in place was written in 1978 and last amended in 1981. Since that time significant new scientific information has become available. With the advent of the US/CANADA Treaty there has also been significant changes in the institutional arrangements and requirements for salmon management in Southeast Alaska. Experience with the existing Plan has also shown that the process of annual Plan Amendments is a cumbersome and inefficient way to regulate the fisheries.

For these reasons there is a need to update the Council's Salmon FMP to incorporate new scientific information, to accommodate new requirements under the US/CANADA Treaty and to develop a framework process which accommodates fluctuating, annual management needs.

CURRENT INSTITUTIONAL ARRANGEMENTS

An adequate institutional framework exists for development of a new Plan. Through the Council, the Salmon Team, the Scientific and Statistical Committee, the Advisory Panel and the joint, US/CANADA Technical Teams for chinook and coho salmon and continuation of cooperation and consultation with individual management entities the necessary coastwide coordination for Plan development can take place. No significant new institutional arrangements should be necessary to develop and implement a new Salmon FMP.

PROPOSED APPROACH

A framework plan similar to the recently completed PFMC Framework Plan for managing salmon fisheries would be developed with the following major objectives:

- 1) update the existing scientific data base to support a new FMP,
- 2) develop a dynamic framework which can accommodate, to the extent possible, the following:
 - a) the Council's objectives for Southeast Alaska Fisheries,
 - b) annual requirements under the M-FCMA, US/CANADA Treaty and other applicable law,
 - c) annual fluctuations in biological, economic and social conditions, and
 - d) administrative process requirements.

BUDGET

A part-time Plan Coordinator/Writer would be hired to accomplish these objectives for use in managing the 1987 fisheries. Necessary support would include:

0.3 man/months for 20 months -----	\$ 850.00 per month
Travel -----	10 Trips to Alaska
Miscellaneous Goods and Services -----	\$2,000.00

MICHAEL E. FRAIDENBURG
5432 Keating Road NW
Olympia, Washington 98502
(206) 866-0637

EXPERIENCE: Washington Department of Fisheries
1969 to present; Permanent, Professional Biologist

Alaska Department of Fish and Game
1969; Temporary Biologist

California Department of Fish and Game
1967 and 1968; Temporary Seasonal Aide

University of California - Humboldt
1968 to 1969; Part-Time Hatchery Aide

COMMENT: My experiences as a professional fishery research and management biologist include a diverse species and fishery background gained with positions of increasing levels of responsibility and challenge. Work highlights include:

- program goal setting
- budgeting
- supervision
- scheduling work
- setting work standards
- state management
- federal management
- international management
- interagency coordination
- user group allocations
- computer analysis
- abundance estimation
- sport fisheries
- commercial fisheries
- mixed-stock fisheries
- fishery/biological sampling
- coded-wire tag analysis
- cohort analysis
- age/length/growth analysis
- mark/recapture experiments
- spawner/recruit analysis
- mortality estimation
- scale analysis
- scientific publication

EDUCATION: B.S. - Fisheries - 1969 - University of California, Humboldt

Michael E. Fraidenburg

WORK HISTORY: Salmon - Documented the nature and extent of a major U.S./Canada chinook conservation problem and formulated the first regulatory proposals for its resolution. Conducted the first successful analysis of scales as a tool for identifying racial origin of Washington coho salmon stocks. Developed in-season coho abundance estimation procedures for ocean fisheries. Started the coded-wire tag recovery program in Washington ocean salmon fisheries. Developed in-season ocean sport and commercial fishery catch estimation procedure for management under the Boldt Decision. Have served as technical expert for U.S./Canada salmon negotiations, North Pacific Fishery Management Council, as well as Washington Department of Fisheries.

Marine Fish - Developed procedure for estimating specific rockfish catches in multi-species trawl fisheries. Made first biological assessment of yellowtail rockfish. Conducted extensive rockfish population surveys. Evaluated rockfish availability to trawl sampling gear. Organized estimates of foreign fishery rockfish harvests. Established the first Washington albacore tuna biological sampling program. Doubled the efficiency of marine fish surveys which reduced costs from \$800 to \$400 per sample.

Shellfish - Initiated a monitoring program and regulations for a new freshwater crayfish fishery in Washington. Conducted life history and eradication studies on oyster predators. Conducted Dungeness crab biological and trawl fishery mortality studies in northern Puget Sound. Assisted in King crab biological and abundance surveys off Kodiak Island.

Sport and Commercial Fisheries - Discovered a significant estimation bias in Washington's procedures for estimating sport fishery catch and effort. Made first estimates documenting significant angler use and catch from Washington coastal jetties. Evaluated charterboat use patterns in response to regulations and other factors. Conducted a troll fishery economic study which evaluated impacts of license limitation proposals. Evaluated comparative harvest capabilities of otter trawl fishing gear and troll salmon gear.

Administrative - Developed and wrote a major section of a salmon management plan for Washington. Organized staff training seminar for scientific staff. Supervised up to 14 employees at one time. Developed, justified, and administered numerous budgets.