

**Project to Support the Pacific Fishery Management Council (Council)
Consideration of Marine Reserves for the West Coast
(and Coordination with State and Local Efforts)**

Task I: General Process Support (GPS)

Staff would be hired to provide preparation, coordination, and follow-up for all other tasks in this project. The staff would be assigned as follows:

| Location | | Cost Year 1 | Cost Years 2&3 |
|-------------------------------------|---|--------------------------------|--|
| A. Council Office | One professional plus 0.25 FTEs of administrative support | \$150,000/year | \$150,000/year |
| B. Washington | One professional | \$66,000/year | \$132,000/year |
| C. Oregon | One professional | \$66,000/year | \$132,000/year |
| D. California | One professional | \$66,000/year | \$132,000/year |
| E. NMFS NWR | One professional | \$66,000/year | \$132,000/year |
| F. NMFS SWR | One professional | \$66,000/year | \$132,000/year |
| G. Tirbes | One professional | \$66,000/year | \$132,000/year |
| H. Process Oversight Panel Meetings | | \$35,000/year | \$35,000/year |
| | | Total Year 1: \$581,000 | Total/year for Years 2&3: \$977,000 |
| | | | Total for three years: \$2,535,000 |

Task II: Initial Outreach

- Provide information on what has happened thus far in the process and the plans for what will happen
- Invite participation
- Determine what processes others are pursuing to consider MPAs. Address integration and overlap issues.
- Educate regarding the science of marine reserves
- Be ready to accept input

| Subtask | Details | Timing | Cost | Responsible Party |
|--|---|--------|--|---------------------|
| A. Develop an Outreach Plan for Each State (Coordinate with state and local MPA processes) | Work with Sea Grant and other contacts up-front to plan meetings and visits for the following two subtasks | Year 1 | See GPS Task | Council Coordinates |
| B. Hold a Series of One Day Community Meetings | A team would go to each location for each one day meeting. The team would remain in the area for 2 or 3 extra days to engage in one-on-one discussions with members of the fishing industry and local community: Washington (5 meetings); Oregon (5 meetings); California (15 meetings) | Year 1 | \$3,000 per meeting plus GPS Task Total: \$75,000 | Council Coordinates |
| C. Attend Meetings of Specific Groups (e.g. Industry Associations) | One person would go to meeting and stay an extra day for further discussion: Washington (4 meetings); Oregon (4 meetings); California (8 meetings) | Year 1 | \$500 per meeting Total: \$8,000 | Council Coordinates |
| | | Year 1 | Total: \$83,000 | |

Task III: Physical, Biological, and Socio-Economic Science and Data Development

- Assemble and summarize data
- Achieve a common understanding of the science and data
- Provide a mechanism to capture fishermen's knowledge
- Produce specific design criteria
- Find out what others are doing to develop science and data systems, determine whether or not it is compatible and useful
- Consider monitoring theory and enforceability
- Develop siting frameworks/design criteria

| Subtask | Details | Timing | Cost | Responsible Party |
|---|--|-----------|---|---------------------|
| A. Assemble Two Standing Panels | One panel of physical and biological scientists and one panel of economists and other social scientists | Year 1 | See GPS Task | Council Coordinates |
| B. Three Post-doctoral Scientists to Support Panels in Year 1, Four in Year 2 | These individuals would pull together and summarize data then work with local fishers to augment information available from existing data systems. | Years 1&2 | \$100,000/person/year Year 1: \$300,000 Year 2: \$400,000 Total:\$700,000 | PSMFC or NMFS |
| C. Industry Liaisons | Fishers to work hand-in-hand with scientists | Years 1&2 | \$200,000/year Total:\$400,000 | PSMFC |
| D. GIS Data System and Decision Support Tool | One individual, travel, software and computer support and document development, reproduction, and distribution | Years 1&2 | \$200,000/year Total: \$400,000 | PSMFC or NMFS |
| E. Meetings | Technical science meetings (4/year) Town hall meetings to augment data system information (several) Final science meeting (1) | Years 1&2 | \$30,000/year Total: \$60,000 | Council Coordinates |
| | | Year 1 | Total: \$730,000 | |
| | | Year 2 | Total: \$830,000 | |
| | | Project | Total: \$1,560,000 | |

Task IV: Marine Reserve Scenario Development

- Use the concept of an extended Groundfish Advisory Panel that includes communities and all stakeholders to develop scenarios for marine reserves.
- Scenarios should include proposals for management restrictions in the marine reserve areas, boundaries and management outside the marine reserve.

| Subtask | Details | Timing | Cost | Responsible Party |
|---|--|------------------|----------------------------|---------------------|
| A. Initial Scenario Development | Three three-day meetings of extended GAP. One meeting for the nearshore area, one for the shelf area and one for the slope. At each meeting the attendees would divide into three groups, one for each state. Integrate with local efforts to develop marine reserves. Include professional facilitator. | Year 2 (Jan-Apr) | \$54,000 Plus GPS Task | Council Coordinates |
| B. Regional Scenario Development | Hold regional meetings: two each for Washington and Oregon and six in California. Integrate with local efforts to develop marine reserves. Include professional facilitator. | Year 2 (Jun-Aug) | \$120,000 Plus GPS Task | Council Coordinates |
| C. Finalize Scenarios for Council Consideration | Single meeting for groups from Subtask A.. Include professional facilitator. | Year 2 (Fall) | \$20,000 Plus GPS Task | Council Coordinates |
| D. Prepare Recommendations for Council | Develop documents for Council | Year 2-3 | GPS Task | Council Coordinates |
| | | Year 2 | Total: \$194,000 | |

Task V: Expanded Council Process for Final Decision

- Narrow alternatives
- Continue to rely on an expanded Groundfish Advisory Panel type group
- Additional outreach at proposed sites
- Conduct needed NEPA analysis

This task includes only activities over and above normal process and Council staff support.

| Subtask | Details | Timing | Cost | Responsible Party |
|---|--|---------------------------------|----------------------------|---------------------|
| A. Website | Develop and implement interactive website to present data from Task III and scenarios from Task IV | Year 3 (may start in Year 2) | \$50,000 Plus GPS Task | PSMFC |
| B. Outreach Publications | Development, reproduction and distribution | Year 3 | \$50,000 Plus GPS Task | Council Coordinates |
| C. NEPA Analysis | EIS Documents | Year 3 | \$250,000 Plus GPS Task | Contractor |
| D. Expanded Advisory and Public Hearing Process for Council | | Year 3 | \$30,000 Plus GPS Task | Council |
| | | Year 3 | Total: \$380,000 | |

Fiscal Summary:

| Task | Year 1 | Year 2 | Year 3 | Total |
|--|--------------------|--------------------|--------------------|--------------------|
| I. General Process Support | \$581,000 | \$977,000 | \$977,000 | \$2,535,000 |
| II. Initial Outreach | \$83,000 | | | \$83,000 |
| III. Physical, Biological, and Socio-Economic Science and Data Development and Summary | \$ 730,000 | \$830,000 | | \$1,560,000 |
| IV. Marine Reserve Scenario Development | | \$194,000 | | \$194,000 |
| V. Expanded Council Process | | | \$380,000 | \$380,000 |
| Total | \$1,394,000 | \$2,001,000 | \$1,357,000 | \$4,752,000 |

