

Attached please find an updated Proposal Log. The following changes have been made:

1. Number 48 has been replaced by the attached proposal
2. Number 33 has Mark Kuwada's name deleted

Revised

1/10/2011

Make these  
changes after  
discussing  
with Stan  
Jane

Master

PROPOSED PROJECTS RECEIVED BY RPWG  
NOVEMBER 1991

1. Mile 18 Resident Sport Fish Pond  
PI/Lead Agency: D. Schmid/USFS  
Cost: 1992 - \$25K, 1993 and 1994 - \$16K, monitoring - \$8K annually
2. Cultural Resource Protection  
PI/Lead Agency: Steve Hennig/Chugach National Forest  
Cost: 1992 - \$480K, 1993 and subsequent years - \$120K
3. Public Information and Education  
PI/Lead Agency: Valerie Payne/NPS  
Cost: 1992 - \$100K, 1993 - \$150K, 1994 - \$25K, 1995 - \$50K, 1996 - \$25K, 1997 - \$50K, 1998 - \$25K, 1999 - \$50K, 2000 - \$25K, 2001 - \$50K
4. Monitoring the Fate and Persistence of Oil in National Parks Affected by the Exxon Valdez Oil Spill: A Restoration Science Study Proposal  
PI/Lead Agency: Dr. Gail Irvine/NPS  
Cost: 1992 - \$165K, 1994 - \$170K, 1996 - \$175K, 1998 - \$180K, 2000 - \$185K
5. Trophic Investigation of Intertidal Use by Birds and Mammals in NPS Areas Affected by the Exxon Valdez Oil Spill: A Restoration Science Study Proposal  
PI/Lead Agency: Dr. Gail Irvine/NPS  
Cost: 1992 - \$785K, 1993 - \$775K, 1994 - \$800K, 1995 - \$820K, 1996 - \$825K
6. Population Monitoring Component - Monitoring of Sea Otter Population Abundance, Distribution, Reproduction and Mortality in Areas Affected by the Exxon Valdez Oil Spill  
PI/Lead Agency: USFWS R8 & R7  
Cost: 1992 - \$242K, 1993 - \$242K, 1994 - \$242K, 1995 to 2001 - \$160K per year
7. Habitat Utilization by Sea Otters and Designation of Protected Areas  
PI/Lead Agency: USFWS  
Cost: 1992 - \$160K, 1993 to 2001 - \$121K per year
8. Sea Otter Recovery Model Validation Component - Survival, Reproduction, and Movements of Sea Otters Associated with the Exxon Valdez Oil Spill  
PI/Lead Agency: USFWS  
Cost: 1992 - \$138K, 1993 - \$347K, 1994 - \$400K, 1995 to 1998 - \$290K per year
9. Pathology and Toxicology Monitoring Component - Monitoring

- Blood Parameters and Hydrocarbon Contamination of Sea Otters and their Prey Species Within the Oil Spill Zone  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$44K, 1993 - \$330K, 1994 - \$100K, 1995-97-99 - \$220K, 1996-98-2000 - \$44K, 2001 - \$165K
10. Management Strategies for Restoring and Protecting Migratory Bird and Sea Otter Populations and their Habitats in the Exxon Valdez Spill Zone  
 PI/Lead Agency: USFWS  
 Cost: Marine Mammal - \$66K, Migratory Bird - \$39K
  11. Monitoring Rate of Recovery or Continuing Changes of Murre Numbers and Productivity in Seabird Colonies in or Downstream from the Exxon Valdez Oil Spill  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$533K, 1993 to 2001 - \$490K per year
  12. Aging of Alcid Carcasses from the Exxon Valdez Oil Spill: Obtaining Demographic Information for Restoration Efforts  
 PI/Lead Agency: USFWS  
 Cost: 1992 to 1994 - \$220K per year
  13. Surveys to Monitor Marine Bird and Sea Otter Populations in the area of the Exxon Valdez Oil Spill  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$275K, 1993 to 2001 - Option A - \$550K, Option B - \$825K
  14. Pigeon Guillemot Recovery Enhancement and Monitoring  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$303K, 1993 to 1997 - \$578K per year
  15. Surveys to Identify Upland Use by Murrelets in the EVOS Zone  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$180K, 1993 - \$176K, 1994 - \$176K
  16. Identification of Nesting Habitat Criteria and Reproductive Success for the Marbled Murrelet  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$240K, 1993 to 2001 - \$250K
  17. Feeding Ecology and Reproductive Success of Black Oystercatchers in Prince William Sound  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$200K, 1993 - \$200K
  18. Murre Recovery Modeling  
**Note:** a more complete proposal will be submitted after checking the status of Dr. Heinemann's effort
  19. Control or Eliminate Human Disturbance near Murre Colonies

- Showing Decreased Numbers, Delayed Chronology, and Decreased Production from Past Estimates  
 PI/Lead Agency: USFWS  
 Cost: 1992 to 1994 - \$88K per year
20. Identification and Protection of Important Bald Eagle Habitats  
 PI/Lead Agency: USFWS  
 Cost: 1992 to 1994 - \$267K, 1995 - \$170K
  21. Develop Bald Eagle Population Model and Understanding of Age-specific Survival Rates  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$154K, 1993 to 2001 - \$187K
  22. Monitor Productivity of Bald Eagles within the EVOS area  
 PI/Lead Agency: USFWS  
 Cost: 1992 to 2001 - \$60K per year
  23. Monitor Contamination of Bald Eagles by Residual Hydrocarbons Through Blood Analyses  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$128K, 1993 - \$128K, 1994 to 1996 - \$47K
  24. Monitor Contamination of Bald Eagle Eggs by Residual Hydrocarbons  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$128K
  25. \*Determine Food Habits for Adult and Subadult Bald Eagles  
 PI/Lead Agency: USFWS  
 Cost: 1992 - \$146K, 1993 to 1994 - \$113K
  26. \*Assessment of Marbled Murrelet Foraging Habitat Requirements During the Breeding Season  
 PI/Lead Agency: USFWS  
 Cost: To be determined
  27. \*Censuses of Seabird Nesting Colonies (Except Murre and PWS Guillemot Colonies) in the Exxon Valdez Oil Spill Zone  
 PI/Lead Agency: USFWS  
 Cost: To be determined
  28. \*Control, Translocation, or Removal of Specific Avian Predators (Eagles, Glaucous-winged Gulls, Ravens) of Murre Breeding Adults, Eggs, and Chicks so as to Improve Murre Reproductive Success  
 PI/Lead Agency: USFWS  
 Cost: To be determined
  29. \*Removal of Introduced Foxes on Selected Colonial Seabird Nesting Islands  
 PI/Lead Agency: USFWS

Cost: To be determined

30. \*Test Feasibility of Tape Recordings, Decoys, Habitat Modification, and Other Methods to Facilitate Breeding Synchrony and Higher Reproductive Synchrony and Higher Reproductive Success for Murres at a Selected Site in Alaska  
PI/Lead Agency: USFWS  
Cost: To be determined
31. \*Identify Post-breeding Concentrations of Murre Chicks with Accompanying Males and Winter Concentrations and Evaluate Other Questions About Winter Distribution and Whether Regional Murre Populations Intermix  
PI/Lead Agency: USFWS  
Cost: To be determined

**\* The above projects are not recommended for implementation in 1992; however, they were considered for 1992 and will likely be considered for subsequent years. They are provided for planning purposes only.**

32. Injury and Recovery of Deep Benthic Macrofaunal Communities  
PI/Lead Agency: Howard M. Feder/AK Fish and Game and UAF  
Cost: \$273K *(5 years don't include charter cost)*
33. Injured Species Habitat Identification  
PI/Lead Agency: Susan Borchers/US Forest Service  
Cost: 1992 - \$1,049,800, 1993 - \$893.5K, 1994 - \$893.5K
34. Food Habitats of Staging Waterfowl on the Intertidal Habitats of the Western Copper River Delta  
PI/Lead Agency: Mary Anne Bishop/Copper River Delta Institute, U.S. Forest Service, Chugach National Forest  
Cost: 1992 - \$45K, 1993 - \$35K, 1994 - \$15K
35. Migratory Shorebirds Staging in Rocky Intertidal Habitats of Prince William Sound  
PI/Lead Agency: Mary Anne Bishop/Copper River Delta Institute, U.S. Forest Service, Chugach National Forest  
Cost: 1992 - \$80K, 1993 - \$65K, 1994 - \$70K
36. Surveys to Determine Distribution and Abundance of Migratory Waterfowl Staging in Intertidal Habitats of the Western Copper River Delta During Spring and Fall  
PI/Lead Agency: Mary Anne Bishop/Copper River Delta Institute, U.S. Forest Service, Chugach National Forest  
Cost: 1992 - \$91K, 1993 - \$78K, 1994 - \$15K
37. Paulson Creek Fish Ladder Modification  
PI/Lead Agency: Kate Wedemeyer/Chugach National Forest  
Cost: 1992 - \$12.5K, 1993 - \$20K, 1994 - ?, 1995 - \$5K, 1996

*to cover  
to compare  
8/1/94  
to see  
which  
most*



- \$6K, 1997 - \$7K
38. Migratory Shorebirds: Temporal and Spatial Use Patterns on the Western Copper River Delta  
 PI/Lead Agency: Mary Anne Bishop/Copper River Delta Institute, U.S. Forest Service  
 Cost: 1992 - \$95K, 1993 - \$88K, 1994 - \$17K
  39. Fish Limiting Habit Factors Analysis  
 PI/Lead Agency: Robert Olson/Chugach National Forest  
 Cost: years one and two - \$125K per year, year three - \$30K
  40. Prince William Sound Wild Fish Stock Information Assessment  
 PI/Lead Agency: Robert Olson/Chugach National Forest  
 Cost: \$50K per year (two years)
  41. Otter Creek Fish Pass  
 PI/Lead Agency: Kate Wedemeyer/US Forest Service  
 Cost: 1991 - \$6K, 1992 - \$72.9K, 1993 - ?, 1994 - \$9K, 1995 \$10K, 1996 - \$11K
  42. Western Prince William Sound Restoration Survey and Project Planning  
 PI/Lead Agency: Kate Wedemeyer/US Forest Service  
 Cost: one year - \$92.2K
  43. Coghill Lake Sockeye Salmon Habitat Rehabilitation  
 PI/Lead Agency: Kate Wedemeyer/US Forest Service  
 Cost: first year - \$118K, succeeding years - \$100K
  44. Paulson Creek Fish Ladder Modification  
 PI/Lead Agency: Kate Wedemeyer/Chugach National Forest  
 Cost: 1992 - \$12.5K, 1993 - \$20K, 1994 - ?, 1995 - \$5K, 1996 - \$6K, 1997 - \$7K
  45. Anadromous Sport Fish Status and Evaluation  
 PI/Lead Agency: K. Hepler/AK Fish and Game  
 Cost: \$12K annually for three years
  46. Montague Island Chum Salmon Restoration and Re-introduction  
 PI/Lead Agency: D. Schmid/U.S. Forest Service  
 Cost: 1992 - \$26K, 1993 to 1996 - \$30K, 1997 to 2001 - \$16K
  47. Identification of Suitable Early-run Pink Salmon Stocks for Development as Broodstock at Prince William Sound Hatcheries  
 PI/Lead Agency: Mark Willette/AK Fish and Game  
 Greg Carpenter  
 Cost: \$80K
  48. Stream Habitat Assessment  
 PI/Lead Agency: Mark Kuwada/AK Fish and Game  
 Cost: three year total - \$1,456.095

*delete duplicate 37*

49. Bivalve Shellfish Restoration and Enhancement  
 PI/Lead Agency: James O. Cochran/AK Fish and Game  
 Cost: year one - \$20K, year two - \$35K, year three - \$35K
50. Intertidal and Subtidal Restoration Needs Assessment Survey  
 PI/Lead Agency: James O. Cochran/AK Fish and Game  
 Cost: year one - \$20K
51. Tanner Crab Population Monitoring and Restoration  
 PI/Lead Agency: Charles Trowbridge/AK Fish and Game  
 Ivan Vining  
 Cost: \$80K per year
52. Natural Restoration of the Shallow Subtidal Communities in Prince William Sound  
 PI/Lead Agency: Stephen C. Jewett/AK Fish and Game  
 Thomas A. Dean  
 Cost: (3/1/92 to 2/28/93) - \$391,973, (3/1/93 to 2/28/94) - \$330K, (3/1/94 to 2/28/95) - \$330K
53. Development of a Restoration Plan for Groundfish Stocks Affected by the Exxon Valdez Oil Spill  
 PI/Lead Agency: William Bechtol/AK Fish and Game  
 Andrew Hoffman  
 Lisa Seeb  
 Patricia Hansen  
 Ivan Vining  
 Cost: year 1 - \$255K, year 2 - \$180K, year 3 - \$235K, year 4 - \$195K, year 5 - \$195K
54. Kenai River Sockeye Salmon Restoration  
 PI/Lead Agency: Kenneth Tarbox/AK Fish and Game  
 Linda Brannian  
 Cost: \$380K per year
55. Juvenile Spot Shrimp Habitat  
 PI/Lead Agency: Charles Trowbridge/AK Fish and Game  
 Ivan Vining  
 A.J. Paul  
 Cost: \$65K per year
56. Spot Shrimp Restoration  
 PI/Lead Agency: Charles Trowbridge/AK Fish and Game  
 Lisa Seeb  
 James Cochran  
 Ivan Vining  
 Cost: \$65K per year
57. Butter Clam and Pacific Littleneck Clam Restoration and Enhancement  
 PI/Lead Agency: Charles Trowbridge/ AK Fish and Game  
 J. Johnson

- Cost: \$85K per year
58. Herring Spawn Substrate and Egg Transplanting Studies  
(duplicate)  
PI/Lead Agency: Evelyn Biggs/AK Fish and Game  
Tim Baker  
Cost: \$70K
59. Herring Restoration and Monitoring  
PI/Lead Agency: Evelyn Biggs/AK Fish and Game  
Lisa Seeb  
Tim Baker  
Cost: \$1,125,000
60. Assessment of Genetic Stock Structure of Salmonids for  
Restoration Planning and Monitoring  
PI/Lead Agency: James Seeb/AK Fish and Game  
Lisa Seeb  
Cost: year 1 - \$250K, year 2 - \$262K, year 3 - \$275K, year 4  
and beyond - as needed
61. Stock Identification and Population Monitoring of Wild Pink  
Salmon  
PI/Lead Agency: Samuel Sharr/AK Fish and Game  
Carol Peckham  
Dan Sharp  
David Evans  
Cost: \$2,130,000
62. Monitoring DNA Breakages of Fish and Shellfish Populations in  
Prince William Sound  
PI/Lead Agency: James E. Seeb/AK Fish and Game  
James J. Hasbrouck  
Cost: year 1 - \$150K, year 2 - \$103.5K, year 3 - \$110K, year  
4 - \$115.5K, year 5 - \$121.6K, year 6 - \$128.8K
63. Salmon Stock Separation Using Otolith Banding Patterns and  
Microchemistry  
PI/Lead Agency: Mark Willette/AK Fish and Game  
Kenneth Severin  
James Hasbrouck  
Cost: \$500K
64. Evaluation of Wild-hatchery Salmon Stock Interactions During  
the Early Marine Period  
PI/Lead Agency: Mark Willette/AK Fish and Game  
James Hasbrouck  
Cost: \$600K
65. Prince William Sound Mines and Canneries Hazardous Site  
Assessment (duplicate except for one paragraph)  
PI/Lead Agency: Carol Huber/Chugach National Forest



- Chris Roe
- Cost: \$100K per year
66. Coastal Habitat Comprehensive Intertidal Monitoring Program  
 PI/Lead Agency: Dr. Raymond C. Highsmith/USFS, UAF, NPS  
 Dr. Mike Stekoll  
 Dr. M. Dale Strickland  
 Dr. Lyman L. McDonald  
 Dr. Willard Barber  
 Cost: \$2,117,448, West, Inc. - \$74,376
  67. Prince William Sound Resource and Oil Spill Interpretation  
 PI/Lead Agency: Steve Hennig/Chugach National Forest  
 Cost: 1992 - \$198K, 1993 - \$198K, 1994 - \$153K, 1995 - \$108K,  
 1996 - \$83K, last 5 years - \$83K annually
  68. High Intertidal Fucus Recovery and Restoration Following the  
Exxon Valdez Oil Spill  
 PI/Lead Agency: Dr. Andrew P. De Vogelaere/possibly EPA  
 Michael S. Foster  
 Cost: year 1 - \$109,175, year 2 - \$87,690
  69. Evaluation of Sea Otter Population Recovery Rates and  
 Processes in Prince William Sound  
 PI/Lead Agency: Lisa Rotterman/PWS Science Center  
 Charles Monnett  
 Cost: \$750K - toxicology, pathology and prey sampling  
 \$500K - instrumentation, monitoring and recovery
  70. Identification and Prioritization of Critical Habitat for Sea  
 Otters in Prince William Sound  
 PI/Lead Agency: Charles Monnett/PWS Science Center  
 Lisa Rotterman  
 Cost: year 1 - \$450K, year 2 - \$350K
  71. Stable Carbon Isotopic Analyses of EVOS Derived Carbon in  
 Intertidal Organisms  
 PI/Lead Agency: Raymond C. Highsmith/USFS  
 Susan M. Saupe  
 Cost: \$48.6K
  72. Cultural Resource Protection  
 PI/Lead Agency: Steve Hennig/Chugach National Forest  
 Cost: 1992 - \$480K, 1993 and subsequent years - \$120K