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9 LIST OF PREPARERS

| Name | Education/Expertise | Contribution |
|---|---|---|
| <i>Bureau of Ocean Energy Management</i> | | |
| Tamara Arzt | J.D./M.P.A., NEPA, Environmental Law and Policy; 12 years of experience working on a variety of national, State, and local environmental policy and legal issues. | NEPA compliance reviewer |
| Gene Augustine | M.S., Biology, aquatic ecology concentration; B.S. Biology, environmental biology; 34 years of impact assessment and natural resource planning and management, including 30 years of experience in Alaska ecosystems. | NEPA coordinator for the Alaska region and technical review |
| Melissa Batum | M.S., Geology; 14 years of experience in the field of geology. | Reviewer; physical environmental, geological hazards |
| Gregory Boland | M.S., Biological Oceanography; 37 years of experience in offshore environmental research, primarily benthic biology including coral reef and deep-sea ecology. | Reviewer; benthic habitat |
| Perry Boudreaux | M.S., Marine and Environmental Biology; 6 years of experience in wetland impact analysis and environmental assessment. | NEPA coordinator for the Gulf of Mexico region |
| Jerry Brian | M.S., Applied Economics and Management with a focus on environmental and resource economics; 9 years of experience in socioeconomic research and environmental analysis. | Reviewer; socioeconomics |
| Megan Butterworth | M.S., Marine Science; B.S., Marine Science; B.S., Biology; 4 years experience in biological oceanography and marine science. | Reviewer; human health impacts; marine mammals, reptiles, invertebrates, fish, EFH, Areas of Special Concern, water quality |
| Chris Campbell | M.A., Anthropology Cultural Resources; 40 years of experience in Alaskan anthropological research and field work; 33 years of NEPA experience. | Reviewer; socioeconomic, sociocultural, subsistence, environmental justice, archaeology |
| Bob Cameron | M.S., Meteorology; 30+ years experience in meteorology and climate issues. | Reviewer; climate change |
| Sidney F. Chaky | M.A., Sociology; 19 years experience. | Reviewer; land use and infrastructure, scenario |

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|----------------------------|---|--|
| Douglas Choromanski | B.S., Geology; 30 years experience in site clearance shallow hazards surveys. | Reviewer; site clearance surveys |
| Catherine Coon | M.S., Fishery Biology; 20 years of fisheries, habitat ecology, and spatial statistics of Alaska marine resources. | Reviewer; EFH, fish, lower trophics |
| James Craig | Ph.D., Geology; 29 years experience in Alaska geology, E&D scenarios, costs, and fair market value evaluations. | Reviewer; provided exploration & development scenarios and schedules, inputs for both the MAG_PLAN and OECM models |
| Deborah Cranswick | 32 years with OCS Program; 20 years NEPA; 9 years AK Region; 7 years EAS chief | NEPA compliance and OCS program reviewer |
| Christopher Crews | B.S., Wildlife Biology, minor Natural Resources; B.S. Biological Sciences; 6 years analytical experience (NEPA), 4 years landscape/grazing management | Reviewer; terrestrial mammals, pinnipeds |
| Jennifer Culbertson | Ph.D., Biology; 11 years of experience in coastal biology/chemistry and applied ecology | Reviewer; marine and coastal habitats; water quality; ecoregions |
| Jeffrey Denton | M.S., Wildlife Management; 38 years experience in wildlife and wildlife habitat management, research, and environmental assessment. | Reviewer of biological resources |
| Nancy Deschu | B.A., Zoology/M.S., Civil Engineering (water resources). | Reviewer; water quality, fish, EFH |
| Norman Froomer | Ph.D., Geography and Environmental Engineering; 35 years of experience in coastal research and environmental assessment. | Project manager; purpose and need, alternatives, scenarios, marine spatial planning |
| Jeffrey Gleason | Ph.D., Zoology (avian ecology); 7 years of experience in analysis. | Reviewer; birds |
| Donald (Tre) W. Glenn, III | Ph.D., Environmental Engineering; 10 years of experience in impact analysis. | Reviewer; reptiles and marine mammals |
| Kelly Hammerle | MPA, Environmental Policy emphasis; 7 years of experience in environmental assessment. | Project coordinator, NEPA compliance reviewer |

| Name | Education/Expertise | Contribution |
|------------------|--|--|
| Larry Hartzog | M.S., Fisheries Limnology; 34 years experience as environmental scientist preparing environmental impact analysis, endangered species coordination/consultation and mitigation planning. | Reviewer; coastal and marine habitats and fish |
| Dirk Herkhof | M.S., Meteorology; 36 years experience in air quality impact analysis, meteorological and air quality studies, and NEPA. | Reviewer; air quality and climate; air emissions estimates |
| Tim Holder | Master of Urban Planning; 12 years experience in urban planning, 19 years working for MMS in Alaska, 2 years for MMS in the GOM as a socioeconomic specialist, and 2 years in MMS/BOEMRE HQ as Arctic Liaison. | Coordinating with Alaska cooperating agencies; reviewer; sociocultural |
| Dan Holiday | Ph.D., Physical Sciences and Biological Oceanography; 8 years experience in environmental modeling of primary productivity, and the biology and ecology of oceanographic and estuarine trophic systems. | Reviewer; lower trophics, vegetation and wetlands, oceanography, climate, and cumulative effects |
| Mark Jensen | M.S. Economics; 10 years experience in economic analysis, research, and document preparation. | Reviewer; sociocultural, tourism/recreation, commercial/recreational fishing, Areas of Special Concern |
| Walter Johnson | Ph.D., Marine Science, Physical Oceanography; 30 years of experience in coastal oceanography and numerical ocean modeling; 22 years of oil spill modeling. | Reviewer; oil spill-related information |
| Brian Jordan | Ph.D., Natural Resource Science and Management; M.S., Forestry with specialization in wood science; B.A. Anthropology with a minor in classical studies; 18 years of experience in underwater archaeology, submerged cultural resource management, historic preservation, and marine policy. | Reviewer; sociocultural |
| Arie R. Kaller | Ph.D., Oceanography and Coastal Sciences; 11 years of experience in coastal vegetation and nekton research, and 2 years of NEPA document preparation. | Reviewer; coastal and marine habitats, EFH, and fish |
| Jill Lewandowski | M.S. Environmental Science and Policy; Ph.D. in progress; 15 years experience in protected species assessment. | Reviewer; marine mammals, sea turtles, and acoustic environment |

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|--------------------|--|--|
| James Lima | Ph.D., Political Science; Socioeconomic Specialist; 25 years experience in marine-related social science research, ocean and coastal management, and environmental assessment. | Reviewer; socioeconomic |
| Matthew Lux | B.S., Geography. | Reviewer; GIS data/maps |
| Robert Martinson | M.S., Zoology; B.S., Biological Science; 32 years NEPA and environmental compliance experience with particular emphasis on wetlands and aquatic and coastal ecology. | Reviewer and comment resolution for purpose and need; alternatives |
| Tershara Matthews | Ph.D. candidate, Coastal Sciences; 16 years of experience and research in coastal research. | Reviewer |
| Lori Monroe | J.D.; 26 years of legal experience, including preparing and reviewing legal documents, both environmental and non-environmental in nature. | Reviewer; legal review |
| Dave Moran | M.S., Zoology; 27 years professional experience in applied environmental science. | Reviewer; invertebrates and lower trophic levels |
| Constance Murphy | B.S., Soil Science; 16 years in environmental science, consulting, assessment, and remediation; 3 years in editing. | Coordinator for printing and production |
| Michelle K. Nannen | M.S., Marine Environmental Science; 10 years of experience in benthic and fisheries ecological studies and environmental assessment. | Reviewer; marine benthic habitats and marine pelagic habitats |
| S.E. O'Reilly | Ph.D., Environmental Geochemistry; 9 years experience in mineralogy/ (bio)geochemistry as related to water quality. | Reviewer; water quality |
| Robert Peterson | M.S., Geology; 32 years offshore oil and gas experience; Chief Resource and Economic Analysis Section, AKOCS. | Reviewer; isonomic impacts |
| Richard Prentki | Ph.D., Chemical Oceanography; 30 years in Agency as OSRA Coordinator and COR. | Reviewer; geohazards |

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|------------------|--|---|
| John Primo | Ph.D., MA Ecological and Applied Anthropology; marine, aquatic and coastal social science; experience with community and regional profiling (i.e., fishing communities, lakeside communities); experienced researcher; research portfolio and project management background. | Reviewer; sociocultural systems, environmental justice, and archaeological and historic resources |
| Virginia Raps | M.S., Aeronautical Science; B.S., Mathematics and Meteorology; 16 years of NEPA planning experience focusing on air quality impact analysis; 17 years experience National Weather Service and Naval Weather Service surface and upper air analysis. | Reviewer; meteorology, climate change, and air quality impacts |
| Rick Raymond | M.S., Environmental Sciences; 23 years fish and wildlife analysis, wetlands, NEPA and environmental assessment. | Reviewer; avian sections for Alaska |
| Michael Routhier | J.D., M.S.E.L.; 3 years experience in environmental planning and regulatory compliance. | NEPA reviewer |
| Mark Schroeder | M.S., Wildlife Biology; 25 years of government experience. | Reviewer |
| Lois Simenson | M.S., Environmental Science; 13 years of experience in coastal research and environmental assessment. | Coastal Zone Management Coordinator, BOEM Alaska |
| James Sinclair | M.S., Biological Sciences; 17 years of experience with coastal and offshore organisms and ecosystems research. | Reviewer; ecoregional settings |
| David Sire | B.S. Forest management; 23 years of experience in preparing and reviewing NEPA compliance documents. | NEPA compliance reviewer |
| Kimberly Skrupky | B.S., Environmental Science, Wildlife Conservation; 13 years experience in environmental policy and marine biology. | Writer/editor for marine mammals, sea turtles, and acoustic environment |
| Caryn Smith | M.S., Oceanography; 23 years of experience oil spill risk analysis and environmental assessment. | Reviewer; Alaska OCS region oceanography and sea ice, oil spill analysis |
| Bill Swears | M.A., English; 20 years experience in reading, writing, and editing Federal technical documents and regulations. | Accuracy checking; language consistency: purpose and need, alternatives |

| Name | Education/Expertise | Contribution |
|------------------------------------|--|---|
| Lisa Treichel | M.S., Technology Management, Environmental and Waste Management Option/B.S., Forestry and Wildlife; 24 years environmental experience. | NEPA compliance reviewer |
| Poojan Tripathi | M.S., Plant and Soil Science; 7 years of experience as an interdisciplinary environmental science with expertise hydrology, water quality, wetlands, and NEPA. | Reviewer; water quality, purpose and need, alternatives |
| Sally Valdes | Ph.D., aquatic ecology; 25 years of science/science policy experience. | Reviewer; biological resources, commercial fisheries |
| Jeffrey Walker | B.S., Geological Engineering; 35 years experience managing oil and gas projects on the Alaska OCS. | Reviewer |
| Sharon Warren | Program Analysis Officer; 10+ years experience in review of environmental analyses related to land management and oil and gas activities in Alaska. | Reviewer |
| Kate Wedemeyer | M.S., Fisheries; M.S., Natural Resource Management; 24+ years in Alaskan fish and habitat management and related environmental assessments. | Reviewer; fisheries |
| Geoffrey Wikel | M.S., Marine Science; MPP; 11 years experience in coastal geomorphology and oceanography. | Project facilitator and reviewer |
| James Woehr | Ph.D., Ecology, avian ecologist; 30+ years in avian research and management. | Reviewer; birds |
| Eric Wolvovsky | M.S., Geographic Information Systems; B.S., Meteorology; 1.5 years of air quality experience | Reviewer; air quality |
| Argonne National Laboratory | | |
| Timothy Allison | M.S., Mineral and Energy Resource Economics; M.A., Geography; 20 years of experience in regional analysis and economic impact analysis. | Population, employment and income; environmental justice; tourism and recreation; commercial and recreational fisheries |
| Bruce Biwer | Ph.D., Chemistry; 20 years of experience in environmental assessment. | Document manager |
| Brian Cantwell | B.S., Forestry; 28 years of experience in mapping and geographic information systems. | Technical lead for maps and spatial analysis |

| Name | Education/Expertise | Contribution |
|-------------------|--|---|
| Adrienne Carr | Ph.D., Geological and Environmental Sciences; 5 years of experience in hydrological studies and impact analysis. | Water quality |
| Young-Soo Chang | Ph.D., Chemical Engineering; 24 years of experience in air quality and noise impact analysis. | Meteorology and air quality; acoustic environment |
| Vic Comello | M.S., Physics; 34 years of experience in technical writing and editing. | Lead technical editor |
| Deborah Elcock | M.B.A.; 30 years of experience in energy and environmental assessment. | Public scoping |
| John Gasper | M.S., M.P.H.; Environmental Health Science; 37 years of experience in energy and environmental research and assessment. | Project management, public scoping |
| Linda Graf | Desktop publishing specialist; 40 years of experience in creating, revising, formatting, and printing documents. | Document assembly and production |
| Fontaine Grant | B.A., 20 years of experience in program management. | Public scoping |
| Mark Grippo | Ph.D., Biology; 5 years of experience in aquatic resource studies and impact analysis. | Marine benthic and pelagic habitats; essential fish habitat; invertebrates and lower trophic levels; areas of special concern; commercial and recreational fisheries |
| John Hayse | Ph.D., Zoology; 24 years of experience in marine and freshwater ecology research; 24 years of experience in environmental assessment. | Fish resources and essential fish habitat; seafloor habitats; areas of special concern; fisheries |
| Ihor Hlohowskyj | Ph.D., Zoology; 31 years of experience in ecological research; 27 years in environmental assessment. | Argonne project manager; purpose and need; marine and coastal ecoregions; exploration and development scenarios; accidental oil spill scenarios; marine and coastal birds |
| Elizabeth Hocking | J.D.; 25 years of experience in environmental and regulatory analysis. | Public scoping |
| Leslie Kirchler | Ph.D., Urban, Technological, and Environmental Planning; Ph.D., Landscape Architecture; 8 years of experience in land use planning and environmental assessment. | Land use and infrastructure |

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|---------------------|--|---|
| Louis Martino | M.S., Environmental Toxicology; 35 years of experience in environmental remediation and assessment. | Public scoping |
| Robert N. McWhorter | B.S., MFR (Forest Resources); 25 years of experience in environmental assessment; 15 years of experience in public outreach. | Scoping meeting support |
| Ellen Moret | M.P.P., Public Policy; B.A., Environmental Studies; 7 years of experience in environmental assessment. | Public scoping comments |
| Michele Nelson | Graphic designer; 32 years of experience in graphical design and technical illustration. | Graphics |
| Ben O'Connor | Ph.D., Civil Engineering; 5 years of experience in hydrological studies and impact analysis. | Climate change; oceanography |
| Daniel O'Rourke | M.S., Industrial Archaeology; B.A. History and Anthropology; 17 years of experience in archaeology. | Archaeological and historic resources |
| Jana Padovano | B.A., Communications and Marketing; 20 years of experience in administrative support | Project administrative support lead; public scoping meeting support |
| Terri Patton | M.S., Geology; 22 years of experience in environmental research and assessment. | Geologic hazards; cumulative impacts |
| Pamela Richmond | M.S., Computer Information Systems; 16 years of experience in Web site development and related technology. | Public web site development |
| Lorenza Salinas | Desktop publishing specialist; 28 years of experience in creating, revising, formatting, and printing documents. | Document assembly and production |
| Kerri Schroeder | Desktop publishing specialist; 30 years of experience in creating, revising, formatting, and printing documents. | Document assembly and production |
| Albert E. Smith | Ph.D., Physics; 37 years of experience in policy analysis, air and noise impact assessment, and regulatory analysis. | Air quality impacts; acoustic impacts |
| Carolyn M. Steele | B.A., English; B.A., Rhetoric; 5 years of experience in technical writing and editing. | Editor |

| Name | Education/Expertise | Contribution |
|-----------------------|--|--|
| Robert Sullivan | M.L.A., Landscape Architecture; 24 years of experience in visual impact assessment and simulation. | Infrastructure and land use; public web site development |
| Robert Van Lonkhuyzen | B.A., Biology; 21 years of experience in ecological research and environmental assessment. | Coastal and estuarine habitats |
| Bruce Verhaaren | Ph.D., Archaeology; 21 years of experience in archaeological analysis; 17 years of experience in environmental assessments and records management. | Sociocultural systems; records management |
| William Vinikour | M.S., Biology with environmental emphasis; 34 years of experience in ecological research and environmental assessment. | Mammals |
| Leroy Walston, Jr. | M.S., Biology; 6 years of experience in ecological research and environmental assessment. | Reptiles |
| Emily Zvolanek | B.A., Environmental Science; 3 years of experience in GIS mapping. | GIS mapping |

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