

Contents

Introduction	1
Acknowledgments	3
Agenda: North Aleutian Basin Energy-Fisheries Workshop	5
The One Ocean Model: The Fishing and Petroleum Industries in Newfoundland and Labrador <i>Gordon Slade</i>	9
The Outer Continental Shelf Program <i>John Goll</i>	16
Offshore Oil and Gas Development Scenario <i>Gregg Nady</i>	21
Improving Understanding of Commercial Fisheries in the North Aleutian Basin <i>Jane DiCosimo and Earl Krygier</i>	27
North Aleutian Basin Energy-Fisheries Decisions: Could Structured Decision-Making Help? <i>Graham Long</i>	35
Panel: Meeting the Environmental Challenge in the North Aleutian Basin	
World Wildlife Fund on Bristol Bay Oil and Gas Development <i>Bubba Cook</i>	42
Bristol Bay and Southeast Bering Sea Fisheries: Renewable Riches Worth Protecting <i>Kelly Harrell</i>	45
Meeting the Environmental Challenge in the North Aleutian Basin <i>Jon Kurland</i>	50
North Alaska Peninsula <i>Bob Murphy</i>	53

Citizens Promoting Environmentally Safe Operation of the Oil Industry in the North Aleutian Basin
John Devens..... 56

Meeting the Environmental Challenge in the North Aleutian Basin: Audience Questions and Answers..... 60

Panel: Concerns and Issues from the Fishing Industry

Concerns and Issues from the Fishing Industry: Introduction to the Panel
Jeff Stephan..... 66

Alaska Crab Coalition Perspective and Concerns Regarding North Aleutian Basin OCS Development
Arni Thomson..... 73

North Aleutian Basin Oil and Gas: Fishery Industry Concerns
Brent Paine 80

Energy Development and Healthy Fisheries
Dale Schwarzmiller 84

Concerns and Issues from the Fishing Industry—NPFMC
Eric Olson 86

Concerns and Issues from the Fishing Industry: Audience Questions and Answers..... 90

Panel: Perspectives on Energy-Fisheries Coexistence in Norway

Fishery and Aquaculture versus Oil and Gas Activities
Hans Nordgård 96

Relationships between Oil & Gas and Fishing Industries in the North Sea UK Sector
James Parker 99

Perspectives on Energy-Fisheries Coexistence in Norway: Audience Questions and Answers..... 105

Panel: Oil & Gas Impact

The Physical Toxicity Side of Oil and Gas: Are Seismic Surveys an Important Risk Factor for Fish and Shellfish? <i>Jerry Payne</i>	108
National Pollutant Discharge Elimination System (NPDES) Permit Process <i>Cindi Godsey</i>	113
Mercury in Drilling Fluids <i>Richard Prentki and Mary C. Boatman</i>	118
Oil & Gas Impact: Audience Questions and Answers.....	121

Panel: North Aleutian Basin Potentially Impacted Communities—Opportunities and Concerns

Welcome to the City of Unalaska <i>Shirley Marquardt</i>	124
Opportunities versus Risk for Our Communities <i>Justine Gundersen</i>	128
North Aleutian Basin Energy Fisheries: Dillingham Opportunities and Concerns <i>Tim Sands</i>	129
A View from Bristol Bay Borough, Alaska <i>Dan O'Hara</i>	131
How Do You Balance the Value of Fishery Resources with Oil and Gas Development? <i>Stanley Mack</i>	134
North Aleutian Basin Potentially Impacted Communities—Opportunities and Concerns: Audience Questions and Answers.....	138

Panel: Native Culture and Subsistence Implications

Bristol Bay Native Corporation and Enrichment of the Native Way of Life <i>Tiel Smith</i>	142
--	-----

Conservation in the North Aleutian Basin in Support of Subsistence
Norman N. Anderson..... 145

Understanding Subsistence Fisheries in the North Aleutian Basin
James A. Fall..... 148

Subsistence Is Highly Valued
Tom Tilden..... 152

Keeping Our Culture Alive
Katherine McGlashan 154

Panel: Perspectives on Energy-Fisheries in Cook Inlet

Benefits from the Oil Industry on the Kenai Peninsula
John Williams..... 156

Cook Inlet Oil and Gas
Bill Popp..... 159

Cook Inlet Aquaculture Association
Gary Fandrei 162

The Oil/Fisheries Group of Alaska
Stephen T. Grabacki and Peter T. Hanley 164

Cook Inlet Citizen Participation: The Keys to Success Are Collaboration and Broad-Based Participation
Michael Munger..... 166

Cook Inlet Oil & Gas Development: Lessons Learned from 40 Years of Development in Offshore Alaska
Bob Shavelson..... 170

Perspectives on Energy-Fisheries in Cook Inlet: Audience Questions and Answers..... 175

Audience Decides on Next Steps: Discussion..... 178

Index 186