

DRAFT MINUTES

Prince William Sound Oil Spill Recovery Institute
Advisory Board *Draft* Minutes – February 16, 2007

Meeting Location: Board Room, Egan Civic and Convention Center, Anchorage, Alaska

<p>Roll Call</p>	<p>Call to order by Chairman John Calder at 8:49 a.m. OSRI Board Roll Call: John Calder, Douglas Mutter, Mark Fink, Glenn Ujioka, George Levasseur, Bill Lindow, Doug Lentsch, Bill Schoephoester, Susan Saupe, Joe Banta, John Goering and Chuck Meacham were present. Pete Kompkoff was present via teleconference. Absent: Capt. Steve Hudson, Leslie Pearson. It was noted that Carol Fries would be joining the meeting late. A quorum was established. OSRI staff present: Nancy Bird, Katey Walter, Scott Pegau and Penelope Oswalt Public: Ted Cooney (OSRI Scientific & Technical Committee chair), Carl Schoch (Alaska Observing Ocean System) Recorder: Signe Fritsch.</p> <p>Note: In the future, Ujioka and Fink would like to have hard copies of the meeting packets mailed to them in advance of the meeting so that they can spend more time going through things and making notes.</p>
<p>Agenda Approval</p>	<p>Mutter moved, and Lentsch seconded the motion to approve the agenda for February 16, 2007. The motion passed unanimously.</p>
<p>Public Comments</p>	<p>None present</p>
<p>Approval of September 2006 Minutes</p>	<p>Mutter moved, and Lentsch seconded a motion to approve the minutes of September 12, 2006. The motion passed unanimously.</p>
<p>Chair’s Report <i>John Calder Ph.D.</i></p>	<p>Calder said he had learned that the Senate voted on the FY07 budget for federal agencies. NOAA, home to the IOOS (Integrated Ocean Observing System) is moving ahead to form a focused office of IOOS staff and Climate Observation staff. He is part of this and will be physically moving into a new office.</p>
<p>Executive Director & Research Program Manager’s Report <i>Nancy Bird, Ex. Director</i></p>	<p>Bird asked everyone to introduce themselves and welcomed the new members. She also welcomed the new, incoming Research Program Manager, Scott Pegau. Activities begun by the outgoing manager, Katey Walter, are part of what attracted Pegau to this position. He will move to Cordova at the end of February and his family will come in the summer. Upcoming business travel for Pegau includes visiting Cook Inlet Spill Response, Inc. in late March or April, a trip to Seattle for a NOAA “science of oil spills” workshop in Mid-April and in late April he will travel to Norway for a JIP (Joint Industry Program) workshop. Walter will attend the JIP meeting with him.</p> <p>The planned 2007 Drifter Buoy experiment has been scaled back because of funding cutbacks due to changes in Congress. 2007 will include only tabletop and planning exercises. The actual in-water</p>

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<p>2007 Drifter Buoy Field Experiment</p>	<p>experiment is postponed until 2008.</p>
<p>Legislative Issues</p>	<p>At the request of the PWSSC Board of Directors, Bird is working with the Alaska Congressional delegation to initiate an increase in the principle fund set aside for OSRI. Currently OSRI receives the annual interest earnings from a \$22.5 million fund maintained by the Oil Spill Liability Trust Fund. Since 1996 the interest earnings have decreased from \$1 million or more in the first years to \$840,000 last fall. Bird is requesting an increase of the principle amount up to \$60 million, based on the fact that the Oil Spill Liability Trust Fund's total balance was recently tripled in its overall balance. Any increase in OSRI's principle maintained within the OSLTF would result in additional revenues through the increased interest earnings. Since oil development in the Arctic and sub-Arctic is expanding, this increase in funding would benefit expanding research into the Arctic and possibly the Cook Inlet area. Bird expects a decision by next year.</p>
<p>Website Updates</p>	<p>It was noted that the OSRI website is out of date and needs regular attention.</p>
<p>Annual Report</p>	<p>Katey Walter and Scott Pegau will be working on the annual report for 2005/2006 in March and April. Publication is planned for May.</p>
<p>Bylaws Revision</p>	<p>Bird noted that the Bylaws need a revision to bring them current with the 2005 amendments to the Oil Pollution Act of 1990. Bird will take a closer look by the next meeting.</p>
<p>At-large Representative Nominations</p>	<p>Two nominations were received for the At-Large seat. They are Dr. John Kelley from UAF and Susan Saupe, Director of Science and Research, Cook Inlet RCAC. Joe Banta is currently serving as the second At-Large Representative.</p>
<p>Governor-Appointed Representatives</p>	<p>Although recent appointments were just made in November, they will only hold their seats until May 2007. Bird has contacted the Governor's office. She knows of a BP employee who was interested in a seat and asked others to contact her or the Governor's office if they know potential nominees, particularly for the oil and gas industry representative vacant seat. She did tell the Governor's office that the very recent appointees (Levasseur, Lindow, Lentsch, Kompkoff and Ujioka) want to continue to serve.</p>
<p>Contract Tracking Worksheet</p>	<p>This spreadsheet shows all active contracts. Walter pointed out that three annual reports that have been submitted were included in the Board Meeting Binder. There was a question about Olson's contract not showing any expenses; staff replied that the University</p>

	<p>sometimes is slow with its billing. Olson’s reports, while sometimes a few weeks late, are thorough and well written.</p>
<p>Update on PWSOS/AOOS and the drifter experiment <i>Carl Schoch Ph.D., AOOS</i></p> <p>Observation Program</p>	<p>Carl Schoch, principal investigator for the PWS Observing System program, gave an update on the PWSOS and Alaska Ocean Observing System. He noted that OSRI is contributing significant support to the PWSOS and said this is a good pilot project for the rest of the state. By trying different model compositions, it can be determined what works best then it can be scaled up for a larger area, such as the Gulf of Alaska.</p> <p>Schoch described the data observation components of the PWSOS including NOAA weather buoys, new SNOtel meteorological stations, stream gauges, hydrographic surveys, oceanographic moorings placed in the two entrances to Prince William Sound, high frequency radar to measure surface currents, and satellite images measuring chlorophyll, winds and temperatures. He then summarized the status in development of models for the region, including the Regional Atmospheric Modeling System (RAMS) and the Weather and Research Forecasting (WRF) model, both of which are operated by the Alaska Experimental Forecast Facility at the University of Alaska Anchorage. Additional models in development are the SWAN (Simulating Waves in the Nearshore) model (by Texas A&M), and the ROMS (Regional Ocean Modeling System), a data assimilation model for Prince William Sound and the Gulf of Alaska. Schoch stated that while there are not perfect numeric models, the new PWS ROMS configuration uses an array of instruments to constrain the model to a realistic view of the ocean. The moored buoys around the Sound provide continuous data that can be used to correct the computer simulation, or model, with data on real conditions. The model will then be able to provide better forecasts of ocean circulation in PWS over 24 and 48 hour periods. How well this model actually works will be shown during field experiments planned in 2008.</p> <p>Data management for PWSOS and AOOS is being done at the University of Alaska Fairbanks. PWS data is backed up at UAA. Data visualization is available on the AOOS website. The Data Catalog Explorer on the website allows users to look at all the various weather stations and their cataloged data.</p> <p>The AOOS website draws on hundreds of weather models, NOAA buoy data, and satellite ocean observations to provide a one-stop source for marine weather and other information. In the case of an oil spill, the AOOS website could be accessed for any data needed to determine the current and future state of the oil spill. Instructional tutorials of the AOOS website are provided for any</p>

<p>Field Experiments</p>	<p>group or individual upon request. The value to oil spill response is not without limitations. Forecasts must be sanctioned by the National Weather Service (NWS). Other limitations are the expansive coastline of Alaska, continual power supply problems, and the isolated area with CODAR coverage.</p> <p>Walter asked about the state of the HF Radar since it was turned off and removed and whether or not NOAA had plans for redeployment. Schoch stated that there is no long term funding for HF Radar so they are on hold for now, until they get news from NOAA. Lindow asked if in the case of an oil spill, would the Coast Guard completely disregard AOOS data since it's not sanctioned by NWS. Schoch stated the USCG would map the spill by looking at the NOAA forecast. Unofficially, they would look at and probably use the AOOS data.</p> <p>Overarching questions for AOOS models are: 1) how well do they predict, 2) have the model forecasts been improved since 2004, and 3) what is the cost/benefit?</p> <p>Methods: Model performance evaluations will be based on comparisons with 1) model performance during the 2004 experiment and post-2004 experiment reanalysis, 2) model performance during a 2007-2008 real-time “table-top” experiment, and 3) Observational data collected during a 4-week field experiment in 2008. During this field experiment, buoys will be deployed twice over a two week period.</p> <p>Fink questioned the postponed of the field experiment. Schoch said that a key proposal wasn't funded. Cooney asked about the biology of the program-what happened to the fluorometers? Schoch said that there are not enough people to design, deploy and maintain them. He thinks it would be very valuable to do so. Schoch also stated that the USCG will continue to deploy buoys and that the NOAA/CO-OPS is going forward by deploying more moorings. CO-OPS is responsible for making charts and tide and current forecasts. They must revisit some sites to calibrate their models this year in PWS. The data will be used to update tides and currents for this area.</p> <p>Cheryl Brooking, attorney for OSRI and PWSSC, joined the meeting during Schoch's talk.</p>
<p>Mid-morning break</p>	<p>10:38-11:00</p>
<p>Research Program Manager Update <i>Katey Walter Ph.D., RPM</i></p>	<p>Walter updated the Board on her latest activities:</p> <ul style="list-style-type: none"> • She was in Washington, D.C. in December and met with several Congressional staff members. She talked with them

	<p>about OSRI's current programs and the need for their growth. Bird noted that Walter was in Washington because she was the recipient for the most prestigious national honor for doctoral dissertation in Physical Science, Math and Engineering.</p> <ul style="list-style-type: none">• Omhsett Visitors Day in New Jersey. Walter attended this with OSRI Board member Joe Banta. The purpose of this event was to determine the dispersibility of Alaskan crude oil in cold water. They witnessed two oil experiments in a test tank.• Analysis of Environmental Data for PWS, Phase I and II: Phase I was accepted by the Response Planning Group of the oil shippers. Data from 1995-2005 was utilized in this analysis with the data being presented for four PWS weather regions. Phase II of this project is just getting underway and entails creation of a Geographic Information System (GIS) to pull up figures, tables and data. It was clarified that this project is funded through a contract to the PWSSC with Walter's supervision; it is largely subcontracted to Glosten Shipping, a maritime company in Seattle, and Ecotrust. Walter's involvement allowed her to learn about the capabilities for use of the meteorological and modeling components of the PWSOS in oil spill response. The Glosten report is posted on the OSRI website and a printed, bound copy is available at the OSRI office.• UAF North by 2020 Forum (Think Tank): UAF is forming a "Think Tank" so that Alaska can take a leadership role to resolve pressing issues and questions for sustainable development of resources with participation by all stakeholders and academics. Walter said she may help form the steering committee, which includes engineers, citizens harboring traditional knowledge, environmental scientists and policy makers. The Forum will hold community meetings, invite visiting authorities to give presentations and hold meetings and discussions in order to produce white papers. In the future, OSRI might be interested in partnering, funding research, workshops, and graduate-level fellowship positions.• Transition to Postdoc: Walter's transition to UAF for her International Polar Year Postdoc has begun. She will spend the first half of March in Cordova to bring Scott Pegau up to speed on OSRI programs and begin work on the 2005/2006 annual report. Then she will travel to Siberia to help make a BBC documentary film on her research studying methane emissions from Siberian thaw lakes. In April she will attend the STC meeting in Seward. Then Walter will attend the
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	<p>second JIP steering committee meeting in Norway with Pegau. She may continue with OSRI part time up until September.</p>
<p>FY07 Work Plan Progress Report Part I <i>Katey Walter Ph.D., RPM</i></p>	<ul style="list-style-type: none"> a. Walter reported on the NPRB/OSRI partnership. Three proposals were submitted for the Tracking and Monitoring Marine organisms. None were submitted for the Socioeconomic RFP. Proposals are out for peer-review. Reviewers comments will be viewed by the Scientific and Technical (STC) and proposals for award will be selected jointly with the NPRB in April in Seward. b. PWSSC Research Fellowships: There are two fellowships in FY07, with \$40K each for 3 months salary. One is Dr. Mary Anne Bishop for her data analysis and writing of two publications on the “Copper River Delta Intertidal Resources at Risk” Study. The other is Dr. Tom Kline for data analysis, writing of a publication and continued sample collection for his “Spatial and temporal variability in oceanic substances in PWS using stable isotopes” study. c. FY05-FY06 Cold Climate Partnership: This included the Coastal Response Research Center (CRRC), the Cooperative Institute for Environmental Eustarine Technology (CICEET), the Minerals Management Service (MMS) and OSRI. The formal partnership dissolved in 2006 after accepting only one proposal for joint funding by MMS and OSRI, the Novel Skimmer Surfaces Project (Arturo Keller/ University of California). d. iJoint Industry Program (JIP) is a three year study organized by SINTEF in Norway and funded by a group of oil companies. The objective of JIP is: further development of tools and technologies for environmental beneficial oil spill response strategies for ice-infested water. OSRI is discussing with CRRC issuing of a joint RFP for Bioremediation affects of spills & spill response treatments on marine organisms. The goal is to have a draft RFP completed in March with input from OSRI’s STC. The RFP will be presented to JIP in April in Svalbard. Discussion ensued about the Board reviewing this RFP. Walter stated that the OSRI webpage will continue to be updated with JIP information, including OSRI’s involvement. e. Oil Spill Response Prize: This is an alternate way from the RFP process to achieve results, by offering a prize to anyone who can provide a successful solution to an identified problem. OSRI has signed a contract with InnoCentive, a web-based company which serves as the go-between for OSRI (the seeker organization) and the solvers (who submit proposals to InnoCentive). Earlier this month, OSRI and

	<p>several partners conducted a workshop to define problem statements for the Oil-spill-response Prize. During the workshop, topics that have important implications for OSRI and the Arctic were identified. InnoCentive is in the process of writing up the problem statements. These will be available to the Board in a few weeks. Plans are to market or issue two to five problem statements this year. OSRI will decide how many solutions are accepted and the total prize for each prize will likely range from \$15-\$25K.</p>
<p>Lunch</p>	<p>12:00 – 12:57 Carol Fries arrived.</p>
<p>PWSSC Education Program <i>Allen Marquette</i></p>	<p>Allen Marquette updated the OSRI Board on the Education Program ongoing projects, all of which are partially supported by OSRI grants.</p> <p>The Discovery Room: A partnership between the PWSSC, the USFS and the Cordova school district drives this program aimed at K-6 graders. At the beginning of each school year, a theme is chosen that will weave through each month’s meetings. The 2006/2007 theme is “Water’s Journey.” Past years have included Forest Plots and Salmon Habitat.</p> <p>Outreach Discovery: This is a program where the Discovery Room travels to the villages of Tatitlek and Chenega Bay.</p> <p>From the Forest to the Sea Summer Camps: Involves children between the ages of 8-15. Ocean Day, Wetlands Day, Archaeology Day, Geology Day and a Sheridan River rafting trip are the major components of the camp sessions. A new program Youth Education Leadership Program (YELP) for 9-12 graders is in its second year. Students take a raft trip down the Copper River while learning about the Copper River watershed and oil transportation issues as they travel from Cordova to Valdez, up the Copper River valley and then down the Copper River itself. Upon their return, the students share what they have learned with the community with presentations.</p> <p>Youth Science Workshops: This includes providing supplemental educational programs to other camps in the region. The Education Program also provides science workshops during the 4-H music camp. Guest scientists are brought in to assist with the programs.</p> <p>Community Education Programs: Every Tuesday the PWSSC hosts a community lecture or workshop. Guest speakers are brought in to talk about topics such as their research or the natural history observed during a recent trip. Adult weekend workshops provide opportunities to get out in the field and earn college credit.</p> <p>Cordova high school and middle school outreach programs include 1) giving presentations in the classrooms, 2) developing and sharing curriculum with the science teachers and 3) help setting up and providing support for the Science Club.</p> <p>Other Involvement:</p> <ul style="list-style-type: none"> • The Science Fair and Imaginarium Festival

	<ul style="list-style-type: none"> • National Ocean Science Bowl (NOS Bowl). • The Lingering Oil Education Project • Field Notes Radio Program • Earth Day Festival • Alaska Wild Salmon Festival • Community Kayak Day <p>In Development:</p> <ul style="list-style-type: none"> • Extend outreach programs to Valdez and Whittier • Summer 2007 adult geology of the Copper River watershed course • Other adult weekend workshops <p>Marquette said staff is conducting surveys with school teachers and community members on the various programs and is always looking for ways to make improvements.</p> <p>Several Board members complimented the programs described. Walter noted that besides OSRI, other sources of funds supporting these programs are provided by BP, Conoco Phillips and private and local industries.</p> <p>Valerie Blajeski from ADF&G arrived during this talk.</p>
<p>FY07 Work Plan Progress Report Part II <i>Katey Walter Ph.D., RPM</i></p>	<p>Graduate Research Fellowships: OSRI has \$100,000 a year that goes into four fellowships. Current fellows are Jim Alanko from UAF, Sean-Bob Kelley from UAF, Catherine Foster from UW and Xinglong Wu from Univ. of Miami. The latter three will be finishing up their projects this year. Walter hopes that Wu and Moore’s POM model will be involved in the drifter buoy experiment in 2008. There are two new opening positions for this fellowship in 2007 for \$25K each. Applications are being accepted until March 1. The third opening will be allocated to a new Blue Collar Oil Spill Technology Scholarship.</p> <p>Blue Collar Oil Spill Technology Development Scholarship: Walter reported a decision to work with the Kenai Peninsula College for this Scholarship because they have an excellent process technology degree program and come highly recommended by Board and STC members working in the field of spill response. Doug Lentsch has offered to allow the student to work on an internship where they work on oil spill technology. Alaska Clean Seas (ACS) is willing to have that student come up to the North Slope for a field trip. After seeing how this program goes in Kenai, in the future Walter hopes to expand and open this opportunity more statewide possibly through the University of Alaska.</p> <p>OSRI supported workshops in FY07:</p> <ol style="list-style-type: none"> 1. The MMS Oil and Ice workshop, Oct 11-12, 2007 in Anchorage. OSRI has committed \$10K and the Research Program Manager (RPM) is on the steering committee.

	<ol style="list-style-type: none"> 2. The JIP Steering Committee workshop and fieldtrip will be held back-to-back with the above workshop. It will be held in Anchorage and may include field trips to Cordova or Kenai. 3. The Cold Climate Spill Response Training workshop in Alaska, which will be similar to the NOAA workshop in Seattle that Walter attended last year and which Pegau will attend this April. It will focus on the science of oil spill response and in particular, the problems faced in cold climates. This will hopefully be put together for late fall 2007. Pegau will likely work with OSRI support staff and John Whitney of NOAA to organize this workshop. 4. The 2007 Alaska Marine Symposium occurred in late Jan. 2007; OSRI contributed \$1,000 as a sponsor. 5. The Alaska Forum for the Environment is in its final day today. OSRI contributed \$5,000 as a sponsor. 6. The Dispersants Research Forum (DRF) was in early February in Red Bank, NJ, following the Ohmsett visitor's day. <p>Discussion ensued about the DRF. The main goal of the Forum was to bring together scientists who are conducting dispersant research all the around the nation and internationally to see what we have learned in the two years since the NRC report was developed. Bird stated that the OSRI board has wanted to give money towards more dispersant research and wondered if this meeting revealed where OSRI might want to get involved. Saupe stated that there are still major data gaps, the biggest one being in limitations of putting all the research into some format that is actually used in a decision making capacity. Walters agreed and said another major gap is the effect of dispersants on organisms. A lot of the work is done in labs, but Ken Lee's group will be going out into the field to look at the effects on fish. The CRRC proposal for the JIP wants to look at basal levels of the marine food web as well.</p>
<p>Scientific & Technical Committee Report <i>Ted Cooney, Ph.D.</i> <i>Committee Chair</i></p>	<p>Cooney explained that the STC serves at the pleasure of the Board, especially to advise when asked. It's a nine person committee with 3-year staggered terms. Additionally, a category of committee member emeritus was established this year and long-time STC member John Goering was appointed to this position.</p> <p>Committee review and actions:</p> <ol style="list-style-type: none"> 1. Last fall, in collaboration with the North Pacific Research Board (NPRB), two Requests for Proposals (RFPs) were posted. One was for socioeconomic modeling, and no proposals were received. The second was for tracking and monitoring marine organisms. Three proposals were received. The STC will take a closer at the socioeconomic

<p>Agenda modification</p>	<p>RFP to see if they can determine what happened, then recommend to the OSRI Board whether to reissue this RFP. In April the STC will meet with NPRB staff to review and recommend award for one of the proposals in the second category, tracking and monitoring marine organisms.</p> <ol style="list-style-type: none"> 2. OSRI and NPRB are currently funding a forage fish project led by Scott Johnson of NOAA at Auke Bay Lab. The project is going well. Over the summer, 20,000 fish were captured, comprised of 45 species. One major finding was that the nearshore edge zone of PWS is extremely important nursery for juvenile forage fishes, especially in macro algae and eel grass beds. Since this is where spilled oil ends up, in the edge, this research is important. The STC is considering asking the OSRI board to fund another year of this project. 3. The STC is waiting to provide advice upon request about various partnering programs that address the respond elements of the OSRI mission. 4. This year the STC is reviewing the accomplishments of AOOS/PWSOS collaboration in PWS. Since OSRI is so heavily investing in the observation program in PWS, Cooney feels that it will be important to establish a plan for subsequent years. The STC will have a dialog about this and will be prepared to answer questions from the Board at its next meeting. 5. Cooney stated that even though he’s living in Montana, it is his intent to attend as many of these meetings as he can rather than via teleconference. <p>Lindow asked if the STC has addressed the idea of future research on dispersants issues. Cooney replied that the STC has not yet done so, but they certainly could if the Board asked.</p> <p>Calder proposed a change in the agenda and asked to move the nomination for the at-large seat to before the election of officers. There was no objection and the agenda was modified.</p>
<p>Finance Committee’s First Quarter Report, FY07 <i>Penelope Oswald</i></p>	<p>Oswalt stated that the Finance Committee did not meet prior to this meeting because their Treasurer is no longer on the Board.</p> <ol style="list-style-type: none"> 1. FY06 fourth quarter report: Oswald reviewed the FY06 Final Report (4th Quarter). In that fiscal year OSRI expended \$990,273 and has another \$397,833 contracted or encumbered. That left \$432,077 to carry over at the end of the year giving OSRI a total of \$1,454,707 unencumbered funds in FY07 2. FY07 first quarter report: Oswald reported that as of December 31, 2006 OSRI had a total of \$2,802,985

	<p>available. The encumbered and allocated amount of \$1,322,248 left OSRI with an unencumbered and unallocated balance of \$1,186,731 for expenditures. However, it was noted that of the \$591,317 not currently awarded or encumbered, \$466,317 is expected to be contracted.</p> <p>Bird said it is unlikely that the total \$125K allocated for the NPRB partnership will be contracted and that there will be approximately \$50K available from that line item for OSRI to spend elsewhere. The Response Program for \$50K has not been contracted and the \$25K for the Drifter Buoy Field Experiment could be carried over to 2008 since the experiment has been postponed.</p> <p>As a result of the changes, OSRI will not be spending for the FY07 budget any of the reserve funds, meaning funds earned through investments made since 1997 when OSRI first began receiving an annual deposit from the Oil Spill Liability Trust Fund.</p> <p>There was some additional discussion on timing of OSRI contracts; in the past year, all contracts have been moved to coincide with fiscal year quarters (i.e., starting Oct. 1, Jan. 1, April 1 and July 1). The fellowships run on an academic year which is July 1 – June 30.</p> <p>3. FY07 Audit: PWSSC, administrator for OSRI’s funds, had a clean audit of FY07 with no federal findings. In the FY06 audit, there was one non-financial finding (the FY05 had not been submitted to a federal office in a timely manner); this occurred due to a misunderstanding of PWSSC with its auditors who had in prior years made that submittal on PWSSC’s behalf. Oswalt noted that two years of a clean audit will re-instated PWSSC as a low-risk auditee. The PWSSC Board Audit Committee meets annually with the auditors to address issues and concerns. Although legal opinion states that OSRI funds are non-federal – because they are deposited in PWSSC accounts, the PWSSC chooses to treat those funds as federal during an audit. It was noted that the finance committee has discussed this issue in the past and approved the current audit process.</p>
<p>Nominations for At-large Seat on OSRI Board</p>	<p>As one of two nominees, Susan Saupe left the room during the discussion and voting. The second nomination received was from Dr. John Kelley. Bird stated that language in the legislation for this seat states that the Board is looking for a representative who is knowledgeable about the EVOS impacted area and is a resident of that region; in the past, the Board has included Anchorage in that region.</p>

	<p>Mutter moved, and Lentsch seconded a motion to reappoint Susan Saupe.</p> <p>Calder stated that before a vote was taken the Board should review and discuss the nominees. After some discussion, Mutter withdrew his motion. Bird suggested that in the future, the chair will say that we have two nominations on the floor and invite discussion within the Board. They could then go to a secret ballot vote.</p> <p>Ujioka moved, and Lindow seconded a motion to vote by secret ballot following discussion. The motion passed unanimously.</p> <p>Further discussion ensued on the merits of both candidates.</p> <p>Votes were cast on paper. The tally was completed by Walter and Bird. Susan Saupe was reappointed for a two-year term. Calder suggested that in the future, OSRI’s invitation for nominations emphasize more strongly that nominees must reside within the affected area.</p>
<p>Afternoon Break</p>	<p>2:35 – 3:03</p>
<p>Election of Officers</p>	<p>Recruitment of Treasurer nominations: Bird explained that former Treasurer RJ Kopchak was not reappointed to the Board. She noted that he could be appointed to be a member on the finance committee, since you don’t have to be a board member to be on a committee.</p> <p>Ujioka moved, and Lentsch seconded a motion to elect Carol Fries as Treasurer. The motion passed unanimously.</p> <p>The Executive Committee stands as: John Calder, Chair Doug Mutter, Vice Chair Carol Fries, Secretary/Treasurer Mark Fink Doug Lentsch Leslie Pearson</p> <p>The Finance Committee stands as: Carol Fries, Chair/Treasurer Mark Fink George Levasseur</p> <p>FY08 Work Plan Committee stands as: Susan Saupe Doug Mutter Doug Lentsch</p>

	<p>Leslie Pearson Joe Banta Mark Fink – alternate. Wants to be involved in the preliminary talks about the status of the 2005-2010 Work Plan.</p> <p>Calder stated that since we are in 2008 of the 2005-2010 work plan, this is an opportunity to look at the numbers and decide if what they did a few years ago still makes sense for today. The work plan committee and STC can have some preliminary talks about this.</p>
<p>Review Calendar/ Schedule for committee and Board meeting</p>	<ol style="list-style-type: none"> a. STC Meeting & OSRI-NPRB proposal review, Seward, April 9-10, 2007 b. FY08 Work Plan Committee and STC Meeting, Cordova, June 18, 2007 c. Copper River Nouveau, June 16, 2007 d. Fall Board meeting, Cordova, September 18, 2007 e. Walter and Bird stated that there will be a special Board Meeting in April that would be held prior to the NPRB Board Meeting. Doug Mutter will run the meeting April 17, 2007 via teleconference. The topics for the meeting will be to 1) review the NPRB-OSRI proposals and recommendations from the STC and 2) review the JIP RFP. <p>Discussion ensued about the extra \$150K available in the budget and whether or not these funds should be split between the JIP and Oil Spill Response Prize. Bird suggested that this be a third topic for the April meeting because by then, the problem statements from InnoCentive will be in for review and we will also know whether other partners join to sponsor this prize.</p> <p>The Board then discussed the JIP RFP and whether it fits in the ‘response’ or the ‘understand’ category. The Board wants to fund a project that is focused on response technology. Walter stated that bioremediation fits the respond category but suggested there may be better research questions to fund than bioremediation in ice. She likes the idea of inoculating mineral dispersants with microbes and nutrients to increase biodegradation of dispersed oil. There was concern that the partnership with CRRC may not aid in this ‘respond’ goal, since CRRC is more focused on the biological effects of an oil spill on in-ice and under-ice microbes. It may be advantageous to partner with Shell because they are more inclined to look at ‘respond’ questions, including the use of physical dispersants. The Board will review the JIP RFP in April to determine whether they want to partner with the CRRC for this one year or to put the \$50K back in the budget. Walter and Pegau will move forward with this by talking with CRRC and Shell.</p>

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OSRI Board Member Comments	<p>Lentsch mentioned that Exxon may be another potential partner for the JIP RFP. He will get contact names to Walter. Fink followed up by saying that ADF&G is usually not too excited about throwing chemicals onto oil in water, even to enhance degradation. ADF&G first strongly promotes prevention; second, mechanical removal of oil from the environment if it spills; and if that doesn't work, then may allow the use of dispersants. He likes the idea of response technologies and in situ burning. Walter stated that one might take advantage of large scale field experiments and determine the gaps, such as the toxicology effect of the residue that's left over after in-situ burning.</p> <p>Mutter said he is excited about the Oil-Spill Response Prize. OSRI has the authority and capability to think outside the box, unlike many other agencies. This is a good way to get on the edge and learn things. Walter reiterated Lentsch's suggestion to see what happens if we get some ideas through the OSRI Prize. Maybe OSRI wants to hold some of its respond money for putting those ideas into practice in the future.</p> <p>Meacham thanked Katey for all her work over the past year. She has been tremendous for the program. Welcomes Scott and the new board members.</p>
Adjournment	Lentsch moved, and Fries seconded a motion to adjourn the meeting. The motion passed unanimously.

These minutes were reviewed and approved by the OSRI Advisory Board on

Carol Fries, Secretary