

**9th Meeting of the
Science Steering and Evaluation Panel
November 11-15, 2007
Arcachon, France**

Final Minutes (v1)

1. Joint Session, Reports

1.1. Opening remarks by local host

1.2. Self-introduction of panel members, liaisons, and guests.

1.3. Approval of last SSEP meeting minutes

SSEP Consensus 0711-1: The SSEP approves the minutes of their 8th SSEP meeting on May 29nd – June 1st 2007, Houston, U.S.A.

1.4. Approval of SSEP meeting agenda

SSEP Consensus 0711-2: The SSEP approves the revised agenda of their 9th meeting on November 11-15 2007 in Arcachon, France.

The agenda for the 9th meeting of SSEP is provided as **Attachment 3**.

1.5. Introduction to meeting organization

Heiko Pälike briefly reviewed the meeting agenda and described how the meeting would be organized.

1.6. SAS Panel Reports

SSP Report

Gilles Lericolais reported on the outcomes of July 2007 SSP Meeting, held in Edinburgh, Scotland. Gilles provided detailed site readiness information for those proposals that the SSEP panel evaluated during the meeting (Proposals 662, 686, 724, 725, 712APL, 715Pre).

EDP Report (Engineering Development Panel)

Bill Ussler (EDP liaison, MBARI) reported on the outcomes of the July 2007 meeting of the EDP in Tokyo. Ussler reported that 10 proposals for engineering development were submitted for the April 15 2007 deadline, of which three were ranked highly and forwarded to SPC (1. SCIMPI (simple cable instruments from measuring parameters in situ), 2. Sediment CORK (S-CORK), 3. MDHDS (motion decoupled hydraulic delivery system)).

SPC Report

No SPC liaison was present for the meeting, instead Pälike presented a summary of outcomes of the 10th meeting of the Science Planning Committee, held in Santa Cruz, U.S.A., August 2007, provided by SPC chair, Jim Mori. A review was provided on 1) expedition scheduling, 2) proposal re-evaluation (several proposals re-ranked from OTF), 3) Mission evaluation, 4) Complex Drilling Proposal evaluation and designation, 5) SASEC issues, 6) IODP-MI information, 7) other issues.

CDEX Report (Japan Implementing Organization)

Nobu Eguchi (CDEX) provided an update on the status of NantroSEIze drilling by the Chikyu currently underway. He reviewed the future Expedition schedule for the remaining Stage 1, with Expeditions 314, 315 and 316.

ESO Report (European Implementing Organisation)

Dan Evans (ESO) reported on the status of the next planned Mission Specific Platform Expeditions. He stated that the New Jersey shallow shelf expedition would be postponed (probably to 2008) and that the Great Barrier Reef Expedition also experienced problems due to permitting, site survey and platform availability issues. Evans stated that there is a shortage of highly ranked MSPs ready for drilling (at OTF level).

USIO Report (United States Implementing Organization)

Jay Miller (TAMU) reported on personnel changes, the JOIDES Resolution conversion status, non-riser Expedition schedule, and Expedition Planning (with newly announced co-chiefs for Canterbury and Wilkes Land Expeditions). Miller presented statistics from the ODP legacy program, as the last ODP Scientific Results volume had just been published. Over the last ~20 years, over 200,000 pages were published, with 3200 peer reviewed manuscripts.

EDP Engineering Development update

Greg Myers (IODP-MI) presented an update on current engineering development updates, including a **long-term** borehole monitoring system (CDEX, FY 2008; with a build and testing phase in FY2009).

1.7 IODP-MI Report

Hiroshi Kawamura (IODP-MI, Sapporo Office) reported on activities at IODP-MI including SAS meeting schedule (SPC 3-6 March 2008 in Barcelona), proposal submission statistics (117 active proposals), possible SSEP recommendations, workshop update, SSEP rotations, and personnel changes. For the current SSEP meeting, he re-iterated that only 17 proposals were received, in addition to five proposals for which external reviews had been received (and with only 1 completely new Pre-proposal, and 2 new APLs). He presented new statistics on the number of unique proponents of currently active proposals (1005 unique proponents). The current allocation of active proposals is 71 with SSEP, 21 with SPC, and 25 with OTF.

2. Discussion of proposed IODP Implementation Plan (Addendum to ISP)

The SSEP panel chairs had circulated the draft Implementation Plan, as modified by SPC, to all SSEP panel members prior to the SSEP meeting. The discussion of this document was conducted in two parts, with an initial joint **session** discussion during the first day of the meeting, and a final discussion session at the end. A lively debate took place about the draft Implementation Plan. For guidance, the full minutes should be consulted.

The initial discussion of the Draft Implementation Plan was adjourned for the rest of the meeting to provide time for reflection and further thoughts. At the end of the meeting the discussion of the Draft Implementation Plan was re-opened, and the SSEP reached the following consensus statement to be conveyed to SPC and SASEC:

SSEP Consensus 0711-3:

- The SSEP realizes the serious implications of the new financial climate and appreciate the need to inform the community of its consequences.
- However, the SSEP believes this situation can be most effectively addressed by the proposed 6 guiding principles, and not by narrowing the scientific focus.
- The SSEPs believe the science prioritization into 4 major areas is too narrow and that the proposed implementation plan will likely damage the quality of IODP science and its continued success.
- The draft Implementation plan needs to be modified before it can be implemented.

3. Breakout Sessions

A total of 22 proposals were reviewed during the meeting that include new external reviews available for 5 proposals, and two further proposals with existing external reviews. Panel members were subdivided into two breakout sessions for detailed discussions of the proposals: Breakout Session 1: *Solid Earth/Petrology* (chaired by B. John); Breakout Session 2: *Paleoclimate/oceanography and Faults/Fluids* (chaired by R. Tada and H. Pälike).

4. Joint Session, Proposal Dispositions

The course of action regarding each of the 22 proposals reviewed during the Arcachon meeting was achieved by consensus of the full panel. The summary dispositions are as follows:

Pre-Proposal: request Pre2 Proposal =	0
Pre-Proposal: request Full Proposal =	1
Full Proposal: forward to SPC =	7 (Groupings: 3*:1, 4*: 5, 5*: 1)
APL: invite APL2 =	1
APL: forward to SPC =	1
Full Proposal: send for External Review =	2
Full Proposal: request revision =	8
Full Proposal: request new submission =	0
Pre Proposal: request new submission =	2
APL: request new submission =	0

A qualitative grouping was assigned to those proposals forwarded to the SPC using the 5-star scale grouping. Each grouping was obtained by consensus of the full panel, after evaluation against the individual grouping criteria.

5. Nomination and Election of a next co-chair candidate (to replace R. Tada)

Kimura-san nominated Ishiwatari-san to serve as the next Co-Chair of SSEP. Eiichi Takazawa seconded the nomination. There were no further nominations. The nomination of Akira Ishiwatari was approved by vote of the full panel, using paper ballots (34 yes, 0 no, 0 abstain).

SSEP Recommendation 0711-4: The SSEP recommends that SPC consider Akira Ishiwatari for appointment as the next Co-Chair of SSEP.

8. Next SSEP meetings

Dae Choul Kim proposed for the 10th SSEP meeting to be scheduled in Busan, South Korea, 19th – 22th May 2008, with the following meeting in the U.S.A. (location to be decided).

9. Resolutions for outgoing SSEP members

Resolutions were presented thanking outgoing SSEP members for their years of dedication Jan Backman, Ryuji Tada, and Ken Takai.

10. Conclusion

The co-chairs Ryuji Tada, Heiko Pälike, and Barbara John thanked again the hosts Frédérique Eynaud and Benedicte Menez for their excellent organization and arrangements, field trip coordination, and hospitality throughout the meeting. The co-chairs thanked all of the panel members for their dedication and hard work. Watchdogs submitted drafts of all proposal reviews to the IODP-MI science coordinators (Hiroshi Kawamura and Barry Zelt) before the meeting ended.

**9th Meeting of the
Science Steering and Evaluation Panel
November 11-15, 2007
Arcachon, France**

Draft Minutes (v1)

1. Joint Session, Reports

1.1. Opening remarks by local host

The meeting attendees were welcomed by the deputy director Jacques Graudeau of EPOC (Environnements et Paléoenvironnements OCéaniques) on behalf of the organizing institution, the University of Bordeaux. Local SSEP hosts Frédérique Eynaud welcomed attendees and explained the logistical arrangements for the meeting.

1.2. Self-introduction of panel members, liaisons, and guests.

The complete list of participants in the 9th meeting of SSEP is provided as **Attachment 1**. To help the efficient working of the panel, a list of photographs of panel members was also circulated (**Attachment 2**), and is now requested from the IODP-MI office for future meetings, with the possible inclusion of Liaisons also.

1.3. Approval of last SSEP meeting minutes

SSEP Consensus 0711-1: The SSEP approves the minutes of their 8th SSEP meeting on May 29 nd – June 1 st 2007, Houston, U.S.A.
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1.4. Approval of SSEP meeting agenda

SSEP Consensus 0711-2: The SSEP approves the revised agenda of their 9th meeting on November 11-15 2007 in Arcachon, France.

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1.5. Introduction to meeting organization

Heiko Pälike briefly reviewed the meeting agenda and described how the meeting would be organized.

1.6. SAS Panel Reports

SSP Report

Gilles Lericolais reported on the outcomes of July 2007 SSP Meeting, held in Edinburgh, Scotland. Gilles reviewed new and outgoing members as well as the tasks of the SSP. Gilles reported that site survey readiness was evaluated for 15 full proposals, and provided detailed information for those that the SSEP panel evaluated during the meeting (Proposals 662, 686, 724, 725, 712APL, 715Pre).

Gilles reported that in response to the request to evaluate potential efficiency savings, the SSP strongly prefer to continue meeting twice a year. The next meeting is requested for late January 2008 in Tokyo or Yokohama.

EDP Report (Engineering Development Panel)

Bill Ussler (EDP liaison, MBARI) reported on the outcomes of the July 2007 meeting of the EDP in Tokyo. He reviewed the EDP mandate, particularly to identify long-term technological needs (with a potential long-term lead time of 2-5 years). He reported on recommended priorities for engineering developments, and provided an overview of the Technology Roadmap, how this linked to the Initial Science Plan and its proposed implementation strategy. The Roadmap identified major technological challenges, and is subdivided into three subgroups (sampling/logging/coring; Drilling/Vessel infrastructure; Borehole infrastructure). He identified the mapping of new focus areas in the proposed Implementation Plan to engineering development priorities. Bill reported that 10 proposals for engineering development were submitted for the April 15 2007 deadline, of which three were ranked highly and forwarded to SPC (1. SCIMPI (simple cable instruments from measuring parameters in situ), 2. Sediment CORK (S-CORK), 3. MDHDS (motion decoupled hydraulic delivery system)). Bill concluded his presentation with a table that lists possible engineering or technological issues for scheduled and proposed drilling expeditions.

SPC Report

No SPC liaison was present for the meeting, instead Pälike presented a summary of outcomes of the 10th meeting of the Science Planning Committee, held in Santa Cruz, U.S.A., August 2007, provided by SPC chair, Jim Mori. A review was provided on 1) expedition scheduling, 2) proposal re-evaluation (several proposals re-ranked from OTF), 3) Mission evaluation, 4) Complex Drilling Proposal evaluation and designation, 5) SASEC issues, 6) IODP-MI information, 7) other issues.

1) The SPC report stated that the first Chikyu Nantroseize Expedition 314 is currently underway. Given the financial situation, only 8-9 months of IODP drilling can be achieved per year at most, which introduces complex scheduling issues. The schedule is already full until mid-FY 2009. For FY 2010, the move of the JOIDES Resolution is currently a priority for FY2010.

2) Before the SPC meeting, 23 proposals were with the Operations Task Force (OTF), with 4-5 non-riser proposals scheduled per year resulting in a queue of 5 years waiting to be drilled. SPC looked at high cost proposals (specifically those with observatory components and MSPs). Riser proposal 595 Indus Fan and Murray Ridge were left at the OTF, dictating the future riser drilling post Nantroseize. 9 further proposals currently with OTF will be revisited at the next SPC meeting in March.

3) Mission evaluations took into consideration the SPC watchdog comments, SSEP reviews, and external reviews. None of the three Mission proposals were designated as a Mission by SPC. There will be no call for further Mission proposals for the April 2008 deadline, and a need was stated to reevaluate the long term planning efforts. The SPC report noted that the proposed Implementation Plan was an Addendum to the ISP, not a replacement.

CDEX Report (Japan Implementing Organization)

Nobu Eguchi (CDEX) provided an update on the status of Nantroseize drilling by the Chikyu currently underway. He reviewed the primary goals of Expedition 314, with a predominantly Logging-while-drilling component. He reported that most

contingency days were used up due to technical issues, but that several sites were successfully drilled and logged. He reviewed the future Expedition schedule for the remaining Stage 1, with Expeditions 314, 315 and 316.

ESO Report (European Implementing Organisation)

Dan Evans (ESO) reported on the status of the next planned Mission Specific Platform Expeditions. He stated that the New Jersey shallow shelf expedition would be postponed (probably to 2008) due to delays in platform availability, and that a new tender was currently in progress. The Great Barrier Reef Expedition also experienced problems due to permitting, site survey and platform availability issues. Following the August SPC meeting, all three other MSPs had been moved back from OTF to SPC. Evans stated that there is a shortage of highly ranked MSPs ready for drilling.

USIO Report (United States Implementing Organization)

Jay Miller (TAMU) reported on personal changes, the JOIDES Resolution conversion status, non-riser Expedition schedule, and Expedition Planning (with newly announced co-chiefs for Canterbury and Wilkes Land Expeditions).

Miller reported that the current delivery schedule for the JR is March 31 2008, to be followed by sea trials, and then Expedition 317 (Pacific Equatorial Age Transect I) on May 18th 2008, but the potential for changes in dates. Miller also reported that NSF will release the JR from drilling commitments for up to 4 months per year from 2009 on. Miller presented statistics from the ODP legacy program, as the last ODP Scientific Results volume had just been published. Over the last ~20 years, over 200,000 pages were published, with 3200 peer reviewed manuscripts.

EDP Engineering Development update

Greg Myers (IODP-MI) presented an update on current engineering development updates, including a long term borehole monitoring system (CDEX, FY 2008; with a build and testing phase in FY2009). He summarized the three new projects presented by Bill Ussler for the EDP report (SCIMPI, S-CORK, MDHDS).

1.7 IODP-MI Report

Hiroshi Kawamura (IODP-MI, Sapporo Office) reported on activities at IODP-MI including SAS meeting schedule (SPC 3-6 March 2008 in Barcelona), proposal submission statistics (117 active proposals; 43 solid Earth), possible SSEP recommendations, workshop update, SSEP rotations, and personnel changes. For the current SSEP meeting, he re-iterated that only 17 proposals were received, in addition to five proposals for which external reviews had been received. With only three new proposals for the Oct. 2007 proposal submission deadline, Kawamura-san noted that this was the lowest ever number of new proposals. He presented new statistics on the number of unique proponents of currently active proposals (1005 unique proponents). The current allocation of active proposals is 71 with SSEP, 21 with SPC, and 25 with OTF.

2. Discussion of proposed IODP Implementation Plan (Addendum to ISP)

The SSEP panel chairs had circulated the draft Implementation Plan, as modified by SPC, to all SSEP panel members prior to the SSEP meeting. The discussion of this document was conducted in two parts, with an initial joint panel discussion during the first day of the meeting, and a final discussion session at the end. A lively debate took place about the draft Implementation Plan, and the following points were raised by the panel members during the discussion:

1) Recognizing the financial situation and reality.

Panel members felt that it was important to clearly convey the reality of the new budgetary situation to all community members, including its impact on the number and complexity of proposals that realistically can be drilled before the end of current program in 2013, and the start of preparations of renewal applications in 2011. A proper understanding of the detailed financial constraints is important for the entire IODP community.

2) The six guiding principles of the Draft Implementation Plan

Most panel members agreed with the stated six guiding principles as the basis for selecting proposals for scheduling between 2008 and 2013. Several panel members noted that the four science focus areas identified in the draft document are not necessarily compatible with the guiding principles, for example whether they are necessarily of high societal relevance. In addition, it was noted that an approach that balances between risk, cost and scientific impact would be useful particularly if applied to the proposal evaluation in a more direct way, as applied by Industry. More discussion focused on the aspect of building for the future (renewal), and how this required a portfolio of drilling proposals as broad and innovative as possible (see point 4 below).

3) Intended target audience

Several panel members noted that the intended target audience of the draft Implementation Plan could be clearer. Specific questions were raised whether the draft document was primarily intended for guiding new proposals, or the nurturing and evaluation of existing proposals. It was noted that the current document does state that the proposed implementation plan concerns all current and new proposals, and as written would apply to all SAS panels. Panel members questioned whether the SSEP should be bound by the four identified science areas in the draft document, due to the long lead-time of proposals being scheduled for drilling.

4) Building for the future

Panel members made several observations related to the actual workings of the proposed Implementation Plan: It was noted that new proposals submitted after the next (April 2008) deadline were unlikely to be drilled before the end of the program, or at least extremely unlikely to achieve major milestones that could provide input into renewal applications. Thus, panel members thought that the effect of the draft Implementation Plan would be on balance detrimental and ineffective if used as a guideline for the submission of new proposals. High quality proposals that went beyond the vision of the ISP could be discouraged. Panel members suggested that in past renewal processes, it was actually the breadth and strength of proposals in the system that guided the ISP and structure

of IODP. Narrowing the science focus would be largely detrimental for generating more high quality, innovative and broad proposals. Panel members noted that any Implementation Plan needs to send a clear positive and encouraging, yet realistic, statement to potential new proponents.

5) Proposed four narrow scientific focus areas

Panel members stated that while one of the proposed priority science areas (“The deep Biosphere and Limits of Life”) resulted from a workshop and reflects the wider bottom-up view of the scientific IODP community within this area well, the same does not appear to be the case for the remaining prioritized science areas. SSEP members suggested that it is extremely important to avoid the appearance of a top-down approach, and suggested a stronger incorporation of community input from past and future workshops and planning efforts (e.g. LIPs, Mission workshops etc). For example, the results of the Hotspot DPG are not incorporated, and fall outside the current draft Implementation Plan, even though proposed drilling activities (and proposals forwarded to SPC) provide very high scientific rewards. It was noted that the Solid Earth priority area appears to be limited to the Moho, and excludes arc systems, LIPs, continental crust as well as other parts of the Lithosphere. SSEP members suggested that there are two possible methods to address the financial realities: either by narrowing the science focus as done in the draft Implementation Plan, or by a broader re-evaluation of existing proposals in the system, many of which already address significant portions of the ISP. Panel members overwhelmingly stated that a narrowing approach was counter-productive, not effective given the timing and lead-time of proposals, and discouraging the submission of new innovative proposals. The SSEP also noted that several proposals that are evaluated by the SSEP to be of very high scientific and societal value, including several forwarded to SPC during the current meeting, would fall outside the current focus of the Rapid and Extreme Climate priority area. However, exactly these proposals could have a very high impact (both scientifically as well as from a media/outreach perspective) before the end of the current phase of the program.

6) Additional comments

Panel members suggested that there is a need for a larger focus on continuity within the program. The draft Implementation Plan appears to be driven by the renewal process, with mixed messages and audiences. Instead of providing four narrow science areas, it might be more useful to give clearer specifications for the six guiding principles, particularly what societal relevance and achievable milestones mean in practice. Some panel members suggested that rather than providing a narrow Addendum to the ISP, a better approach would be to revise it, by addition and subtraction of individual components.

The initial discussion of the Draft Implementation Plan was adjourned for the rest of the meeting to provide time for reflection and further thoughts. At the end of the meeting the discussion of the Draft Implementation Plan was re-opened, and the SSEP reached the following consensus statement to be conveyed to SPC and SASEC:

SSEP Consensus 0711-3:

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- The draft Implementation plan needs to be modified before it can be implemented.

3. Breakout Sessions

A total of 22 proposals were reviewed during the meeting that include new external reviews available for 5 proposals, and two further proposals with existing external reviews. Panel members were subdivided into two breakout sessions for detailed discussions of the proposals: Breakout Session 1: *Solid Earth/Petrology* (chaired by B. John); Breakout Session 2: *Paleoclimate/oceanography and Faults/Fluids* (chaired by R. Tada and H. Pälike):

BREAKOUT Group 1 (Solid Earth, chair Barbara John)**Proposal Short Title**

535-Full6 Atlantis Bank Deep
 636-Full3 Louisville Seamounts
 669-Full3 Walvis Ridge Hotspot
 681-Full Lesser Antilles Volcanic Landslides
 692-Full Flemish Cap Rifted Margin
 696-Full Izu-Bonin-Mariana Deep Forearc Crust
 697-Full2 Izu-Bonin-Mariana Reararc Crust
 698-Full2 Izu-Bonin-Mariana Arc Middle Crust
 717-Pre2 Western Australia Margin Magmatism
 725-Full2 NE Atlantic Volcanic Rifted Margin
 727-APL Afar Mantle Plume Dispersion
 703-Full Costa Rica SeisCORK

Lead proponent Watchdogs

Dick
 Koppers
 Sager
 Le Friant
 Hopper
 Pearce
 Tamura
 Tatsumi
 Müller
 Huismans
 Orihashi
 Brown

Zierenberg	Christeson	MacGregor	Ishiwatari	Tamura
Fujiwara	Bleil	Gurnis	Qiu	Ishiwatari
Gurnis	Fujiwara	MacGregor	Bleil	Jaeger
Jaeger	Torres	Qiu	Vrolijk	Tamura
Kim	Anma	Christeson	Qiu	Marsaglia
Anma	Marsaglia	Menez	Takazawa	Elliott
Elliott	Takazawa	MacGregor	Takeuchi	Christeson
Christeson	Kimura	Vrolijk	Zierenberg	Elliott
Ishiwatari	Kimura	Elliott	Anma	Zierenberg
Marsaglia	Tamura	Anma	Takazawa	Backman
Kimura	Zierenberg	Gurnis	Fujiwara	Takazawa
Torres	Vrolijk	Wilson	Bleil	Yamaguchi

BREAKOUT Group 2 (non-Solid Earth, chairs R Tada and H Pälike)**Proposal Short Title**

658-Full2 North Atlantic Volcanism and Paleoclimate
 672-Full Baltic Sea Basin Paleoenvironment
 701-Pre2 Great Australian Bight Deep Biosphere
 705-Full Santa Barbara Basin Climate Change
 726-Pre Submarine Canyon Evolution
 728-APL Late Pleistocene Coralline Barrier Reef
 567-Full4 South Pacific Paleogene

Lead proponent Watchdogs

Planke
 Andrén
 Wortmann
 Nicholson
 Mitchell
 Droxler
 Thomas

Schulte	Nishi	Kuroda	Yamaguchi	Wilson
Kuroda	Eynaud	Kim	Li	Suzuki
Takai	Menez	Schulte	Yamaguchi	Takeuchi
Hinrichs	Rosenthal	Nishi	Vrolijk	Li
Wilson	Jaeger	Kim	Fujiwara	Torres
Rosenthal	Li	Bleil	Suzuki	Kuroda
Nishi	Backman	Takeuchi	Rosenthal	Takai

662-Full3 South Pacific Gyre Microbiology D'Hondt
 686-Full Southern Alaska Margin 1: Clim.-Tectonics Jaeger
 724-Full Gulf of Aden Faunal Evolution deMenocal

Takeuchi	Menez	Hinrichs	Takai	Wilson
Backman	Eynaud	Kuroda	Schulte	Kim
Suzuki	Jaeger	Rosenthal	Hinrichs	Li

The conflict of interest rules and confidentiality requirements were respected during the entire review procedure (breakout sessions, general sessions, and grouping). The table below lists the conflicted SSEP members, liaisons and guests who left the room during the review of the relevant proposals.

Proposal	Short Title	Lead Propon.	Conflict of Interest observed
535-Full6	Atlantis Bank Deep	Dick	<i>Miller</i>
567-Full4	South Pacific Paleogene	Thomas	
636-Full3	Louisville Seamounts	Koppers	
658-Full2	North Atlantic Volcanism and Paleoclimate	Planke	
662-Full3	South Pacific Gyre Microbiology	D'Hondt	
669-Full3	Walvis Ridge Hotspot	Sager	
672-Full	Baltic Sea Basin Paleoenvironment	Andr�n	<i>Backman</i>
681-Full	Lesser Antilles Volcanic Landslides	Le Friant	
686-Full	Southern Alaska Margin 1: Clim.-Tectonics	Jaeger	<i>Jaeger</i>
692-Full	Flemish Cap Rifted Margin	Hopper	
696-Full	Izu-Bonin-Mariana Deep Forearc Crust	Pearce	<i>Gurnis, Tamura</i>
697-Full2	Izu-Bonin-Mariana Reararc Crust	Tamura	<i>Gurnis, Tamura</i>
698-Full2	Izu-Bonin-Mariana Arc Middle Crust	Tatsumi	<i>Gurnis, Tamura</i>
701-Pre2	Great Australian Bight Deep Biosphere	Wortmann	<i>Hinrichs</i>
703-Full	Costa Rica SeisCORK	Brown	
705-Full	Santa Barbara Basin Climate Change	Nicholson	<i>Schulte, Tada</i>
717-Pre2	Western Australia Margin Magmatism	M�ller	
724-Full	Gulf of Aden Faunal Evolution	deMenocal	
725-Full2	NE Atlantic Volcanic Rifted Margin	Huisman	
726-Pre	Submarine Canyon Evolution	Mitchell	
727-APL	Afar Mantle Plume Dispersion	Orihashi	
728-APL	Late Pleistocene Coralgall Barrier Reef	Droxler	<i>Jaeger</i>

4. Joint Session, Proposal Dispositions

The course of action regarding each of the 22 proposals reviewed during the Arcachon meeting was achieved by consensus of the full panel. The dispositions are as follows:

Pre-Proposal: request Pre2 Proposal =	0
Pre-Proposal: request Full Proposal =	1
Full Proposal: forward to SPC =	7 (Groupings: 3*:1, 4*: 5, 5*: 1)
APL: invite APL2 =	1

APL: forward to SPC =	1
Full Proposal: send for External Review =	2
Full Proposal: request revision =	8
Full Proposal: request new submission =	0
Pre Proposal: request new submission =	2
APL: request new submission =	0

The specific dispositions for each proposal are as follows:

Status	Proposal	Short Title	Lead Prop..	Theme	Disposition
re Full	535-Full6	Atlantis Bank Deep	Dick	3	forward SPC, 3*
re Full	636-Full3	Louisville Seamounts	Koppers	3	send ext. Review
re Full	658-Full2	North Atlantic Volcanism and Paleoclimate	Planke	2	ask Full2, involve EPSP
re Full	669-Full3	Walvis Ridge Hotspot	Sager	3	forward to SPC, 4*
new Full	672-Full	Baltic Sea Basin Paleoenvironment	Andrén	2	ask Full2
new Full	681-Full	Lesser Antilles Volcanic Landslides	Le Friant	3	ask Full2
new Full	692-Full	Flemish Cap Rifted Margin	Hopper	3	ask Full2
new Full	696-Full	Izu-Bonin-Mariana Deep Forearc Crust	Pearce	3	ask Full2
re Full	697-Full2	Izu-Bonin-Mariana Reararc Crust	Tamura	3	ask Full3
re Full	698-Full2	Izu-Bonin-Mariana Arc Middle Crust	Tatsumi	3	send ext. Review
re Pre	701-Pre2	Great Australian Bight Deep Biosphere	Wortmann	1	Full
new Full	705-Full	Santa Barbara Basin Climate Change	Nicholson	2	Full2
re Pre	717-Pre2	Western Australia Margin Magmatism	Müller	3	submit new pre-proposal
re Full	725-Full2	NE Atlantic Volcanic Rifted Margin	Huismans	3	Full3
new Pre	726-Pre	Submarine Canyon Evolution	Mitchell	3+2	submit new pre-proposal
new APL	727-APL	Afar Mantle Plume Dispersion	Orihashi	3	invite APL2
new APL	728-APL	Late Pleistocene Coralgal Barrier Reef	Droxler	2	forward to SPC
ext. reviewed	567-Full4	South Pacific Paleogene	Thomas	2	forward SPC 4*
ext. reviewed	662-Full3	South Pacific Gyre Microbiology	D'Hondt	1	forward SPC 4*
ext. reviewed	686-Full	Southern Alaska Margin 1: Clim.-Tectonics	Jaeger	2	forward to SPC, 4*
ext. reviewed	703-Full	Costa Rica SeisCORK	Brown	3	forward to SPC, 4*
ext. reviewed	724-Full	Gulf of Aden Faunal Evolution	deMenocal	2	forward to SPC, 5*

Theme totals

1	2	Deep biosph. & subseaf.
2	8	Environment
3	12	Solid Earth

A qualitative grouping was assigned to those proposals forwarded to the SPC using the 5-star scale grouping. Each grouping was obtained by consensus of the full panel, after evaluation against the individual grouping criteria.

5. Nomination and Election of a next co-chair candidate (to replace R. Tada)

Kimura-san nominated Ishiwatari-san to serve as the next Co-Chair of SSEP. Eiichi Takazawa seconded the nomination. There were no further nominations. The nomination of Akira Ishiwatari was approved by vote of the full panel, using paper ballots (34 yes, 0 no, 0 abstain).

SSEP Recommendation 0711-4: The SSEP recommends that SPC consider Akira Ishiwatari for appointment as the next Co-Chair of SSEP.

8. Next SSEP meetings

Dae Choul Kim proposed for the 10th SSEP meeting to be scheduled in Busan, South Korea, 19th – 22th May 2008, with the following meeting in the U.S.A. (location to be decided).

9. Resolutions for outgoing SSEP members

Resolutions were presented thanking outgoing SSEP members for their years of dedication Jan Backman, Ryuji Tada, and Ken Takai.

10. Conclusion

The co-chairs Ryuji Tada, Heiko Pälike, and Barbara John thanked again the hosts Frédérique Eynaud and Benedicte Menez for their excellent organization and arrangements, field trip coordination, and hospitality throughout the meeting. The co-chairs thanked all of the panel members for their dedication and hard work. Watchdogs submitted drafts of all proposal reviews to the IODP-MI science coordinators (Hiroshi Kawamura and Barry Zelt) before the meeting ended.

Attachment 1. List of participants

Name (* co-chair)	E-mail	Affiliation	Comments
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Qiu, Xuelin	xlqiu@scsio.ac.cn	SSEP	New member China
Rosenthal, Yair	rosentha@marine.rutgers.edu	SSEP	New member USA
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Tamura, Yoshihiko	tamuray@jamstec.go.jp	SSEP	
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Mori, James	mori@eqh.dpri.kyoto-u.ac.jp	SPC	Not attending
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Ussler, William	methane@mbari.org	EDP	
Zelt, Barry	science@iodp-mi-sapporo.org	IODP-MI	

Attachment 2. SSEP member photographs

9th SSEP Meeting Nov 2007:
Attending SSEP Panel members



ANMA Ryo 安間



BACKMAN Jan



BLEIL Ulrich



CHRISTESON Gail



ELLIOTT Tim



EYNAUD Frédérique



FUJIWARA Toshiya



GURNIS Mike



HINRICHS Kai-Uwe



ISHIWATARI Akira



JAEGER John



JOHN Barbara



KIM Dae Choul



KIMURA Jun-ichi



KURODA Junichiro



MACGREGOR Ian



MARSAGLIA Kathy



MENEZ Bénédicte



NISHI Hiroshi



PALIKE Heiko



QIU Xuelin



ROSENTHAL Yair



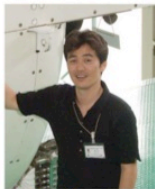
SCHULTE Mitch



SUZUKI Atsushi



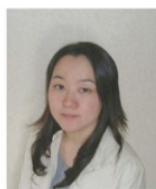
TADA Ryuji



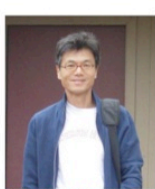
TAKAI Ken



TAKAZAWA Eiichi 高澤栄



TAKEUCHI Mio



TAMURA Yoshihiko



TORRES Marta



VROLJK Peter



WILSON Alicia



YAMAGUCHI Kosei



ZIERENBERG Robert

Attachment 3. Provisional agenda

Revised Draft Agenda, 9th SSEP Meeting Nov 2007, Arcachon, France

Sunday, Nov 11 2007 (OPTIONAL)

optional field trip to the "Dune du pyla"

Monday, Nov 12 2007

AM Joint Session, Reports

- 08:30 Introduction of attendees to SSEP
- Opening Remarks by Host (Eynaud)
- 08:40 - Self-introduction attendees
- Approval of the agenda (Pälike)
- Approval of minutes from Houston, USA, May 2007 (Pälike)
- 09:10 - Introduction to the meeting (Pälike)
- 09:20 - SSP report (Lericolais)
- EDP report (Ussler)
- SPC report (Pedersen)
- 10:30 ----- Coffee break -----
- 10:45 - IODP-MI report (Zelt/Kawamura) (to incorporate USIO, CDEX,

ESO

report, with comments from Malone, Eguchi, Evans, Myers if

needed)

- 11:30 - Joint Discussion "IODP Implementation Plan: 2008-2013",
general discussion on document
formation of 4 working groups to provide input to SASEC
- 12:30 ----- Lunch break -----

PM Joint Session

- 13:30 - Joint Discussion "IODP Implementation Plan: 2008-2013",
general discussion on document
formation of working groups to provide input to SASEC

(cont)

- 14:30 - Reviewing process and breakout groups overview (Pälike)
- 14:45 - Breakout sessions

(2 groups:

Group 1 "Solid Earth" 535-Full6; 636-Full3; 669-Full3; 681-Full; 692-

Full;

696-Full; 697-Full2; 698-Full2; 717-Pre2; 725-Full2; 727-APL; 703-Full

Group 2 "Environment" 658-Full2; 672-Full; 705-Full;

728-APL; 567-Full4; 686-Full; 724-Full701-Pre2 and

"Deep biosphere, subseafloor ocean"; 726-Pre; 662-Full3

- 16:00 ----- Coffee break -----

- 16:25 - Breakout sessions (cont.)

Evening: Aperitif; "Testing french wines and

cheeses.."

Tuesday, Nov 13 2007

AM

08:30 - Breakout group proposal review cont.
10:30 ----- Coffee break -----
10:45 - Breakout group proposal review cont.
12:30 ----- Lunch break -----

PM

13:30 - Breakout group proposal review cont.

16:00 ----- Coffee break -----
16:25 - Breakout group proposal review cont.

Wednesday, Nov 14 2007

AM

08:30 - Joint Session: Proposal review
10:30 ----- Coffee break -----
11:30 - Joint Session: Proposal review (cont.)
12:30 ----- Lunch break -----

PM

13:30 - Joint session proposal review cont.
16:00 ----- Coffee break -----
16:25 - Joint session proposal review cont.

Meeting Dinner on Wednesday, 14 Nov 2007, in the town of

Arcachon

Thursday, Nov 15 2007

Joint SSEP session

08:30 - Proposal review
10:30 ----- Coffee break -----
10:45 - Proposal review
11:30 - Discussions and recommendations to SPC
(including presentation by 4 working groups on Implementation
Plan)
12:30 ----- Lunch break -----
13:30 -Nomination of next co-chair
-Resolutions for outgoing SSEP members
Jan Backman (SWE)
Ryuji Tada (JP)
Ken Takai (JP)
- Announcements and discussion on upcoming SSEP Meetings
May 2008 (Korea)
November 2008 (USA?)
- Conclusions

A "wine tour" possible on Thursday PM