

**7th Meeting of the
Science Steering and Evaluation Panel
November 13 to 16, 2006
Sapporo, Japan**

EXECUTIVE SUMMARY (v1.1)

1. Joint Session, Reports

1.1. Introduction of panel members, liaisons, and guests.

1.2. Opening remarks by local host.

Naokazu Ahagon welcomed attendees and summarized logistics.

1.3. Approval of last SSEP meeting minutes

SSEP Consensus 0611-1: The SSEP approves the minutes of their 6th SSEP meeting on 29 May-01 June 2006, Potsdam, Germany.

1.4. Approval of SSEP meeting agenda

SSEP Consensus 0611-2: The SSEP approves the revised agenda of their 7th meeting on November 13-16, 2006, Sapporo, Japan.

1.5. Introduction to meeting organization

Ryuji Tada briefly reviewed the meeting agenda and described how the meeting would be organized.

1.6. SPC Report

Jim Mori reported on outcomes of the 8th meeting of the Science Planning Committee, which was held in Bergen/Os, Norway, 28-31 August 2006.

1.7. SSP Report

Yoshikazu Yaguchi reported on outcomes of the 6th meeting of the Site Survey Panel, which was held in Sapporo, 24-26 July, 2006.

1.8. USIO Report (United States Implementing Organization)

Cedric John reported on personal changes and operational activities of the United States Implementing Organization (JOI Alliance), and SODV update.

1.9. CDEX Report (Japan Implementing Organization)

Kan Aoike reported on Chikyu shakedown cruise and schedule of Chikyu.

1.10. ESO Report (European Implementing Organization)

David McInroy reported on recent status of Expeditions 302, 310 and 313, future expeditions, and engineering and other developments.

1.11. IODP-MI Report

Jeff Schuffert reported on activities at IODP-MI including SAS meeting schedule, proposal submission statistics, possible SSEP recommendations, workshop update, SSEP rotations, and personnel changes. Greg Myers presented an IODP engineering update.

2. Meeting Overview

2.1. Reviewing process

Ruediger Stein reviewed the SSEP mandate, conflict-of-interest rules, confidentiality of proposals, proposal review process, purpose of breakout sessions, the purpose and content of general sessions, the content of final reviews for proposals forwarded to SPC, and 5 star grouping system.

2.2. CDP rules

Mike Underwood gave an introduction on the criteria for identification, characteristics, and the process of designation of Complex Drilling Project (CDP).

2.3. Impact of recent IODP-MI workshops on proposal reviews

Mike Underwood led informal reports and discussion on recently held workshops that were sponsored by IODP-MI: Fault Zone Drilling, Mission Moho, Continental Break-Up, Sub-seafloor Life, and Chicxulub Impact Crater. Panel members and guests who attended the workshops provided brief summaries of activities and outcomes.

3. Breakout Sessions

A total of 15 proposals were reviewed during the meeting. New external reviews were available for 1 proposal. Panel members were subdivided into three breakout sessions for detailed discussions of the proposals: BS1: *Faults and Fluids* (chaired by Mike Underwood); BS2: *Ocean History and Paleoclimate* (chaired by Ruediger Stein); BS3: *Solid Earth* (chaired by Ryuji Tada).

The conflict of interest rules and confidentiality requirements were respected during the entire review procedure (breakout sessions, general sessions, and grouping). The course of action regarding each of the 15 proposals reviewed during the Sapporo meeting was achieved by consensus of the full panel. The dispositions are as follows:

Pre-Proposal: request Pre2 Proposal = 2
 Pre-Proposal: request Full Proposals = 4
 Pre-Proposal: Special Case = 1 (see recommendation below)
 Full Proposal: forward to SPC = 2
 Full Proposal: send for External Review = 2

Full Proposal: request revision = 1
 Full Proposal: request revision or CDP = 1
 Full Proposal: request revision or new APL= 1
 Full Proposal: deactivate = 1

A qualitative grouping was assigned to the two proposals forwarded to the SPC using the revised 5-star scale. Each grouping was obtained by consensus of the full panel.

4. Discussion on Workshops

Mike Underwood gave a brief summary on the present state of the two workshop proposals, “Dynamics of the Earth System during Extreme Climates of the Cretaceous and Paleogene” and “Ultra-high resolution of Paleoclimate”, which SSEP recommended to SPC at the last SSEP meeting in Potsdam. SPC endorsed SSEP’s recommendation and forwarded the two proposals to SASEC for consideration. SASEC did not formally accept these two workshop proposals, but encourages submission of revised proposals for the next annual call for IODP-MI sponsored workshops Feb 01, 2007. Proposal submission and further planning and organization of the workshops will be the responsibility of the steering committees, including additional funding sources. Mike Underwood also explained a role of the workshops in planning for Missions and SSEP role in recommending topics for workshops.

5. Discussion on Mission Implementation

Mike Underwood gave an introduction on the definition, goals, overarching principles, and potential problems of the IODP Mission, as approved by SASEC during their last meeting. He further explained call for Mission proposals schedule, format of proposals, proposal review process and mechanism, criteria for proposal evaluation, and SSEP’s role in proposal evaluation process.

6. Recommendation related to 705-Pre2 (Santa Barbara Basin)

The SSEP recognizes 705-pre2 (Santa Barbara Basin) as a special case. The primary scientific objectives and potential results of this proposal are extremely exciting; however, the proposal cannot proceed forward without a drilling strategy that adequately addresses environmental and safety issues. To expedite the process, proponents need to be guided on viable strategies. The full panel agreed to the following recommendation by consensus:

SSEP Recommendation 0611-3: The SSEP recognizes 705-Pre2 as a special case, and suggests that one or more meetings should occur with various “stakeholders”, including (a) proponents, (b) EPSP members, (c) potential science operators, and (d) IODP engineers to develop an adequate drilling strategy that meets EPSP criteria. The SSEP recommends that the first of these meetings coincide with the scheduled June 2007 EPSP Meeting.

7. Nomination and Election of a next co-chair candidate

Gail Christeson nominated Barbara John to serve as the next Co-Chair of SSEP, Mike Underwood. Julia Morgan seconded the nomination. The nomination of Barbara John was approved by vote of the full panel, using paper ballots.

SSEP Recommendation 0611-4: The SSEP recommends that SPC consider Barbara John for appointment as the next Co-Chair of SSEP.

8. Next SSEP meetings

Julia Morgan announced that the 8th SSEP meeting has been scheduled in Rice University, Houston, Texas, U.S.A. Tentative dates are May 29 to June 1, 2007. Frédérique Eynaud kindly extended an invitation for the 9th SSEP meeting to be held in France (Bordeaux or Paris?) in November, 2007.

9. Other items

Robert Zierenberg proposed to have a discussion on technologies needed for difficult drilling/coring and to make a roadmap for technology development during the next SSEP meeting. Mike Underwood suggested inviting a liaison from the EDP for the next SSEP meeting to give an overview about existing technologies and development plans, followed by a discussion on what new techniques are needed from the SSEP point of view.

SSEP Consensus 0611-5: The SSEP approved to include discussion on technologies for difficult drilling and request a liaison from the Engineer Developing Panel to participate in the next SSEP meeting.

10. Resolutions for outgoing SSEP members

Resolutions were presented thanking outgoing SSEP members for their years of dedication: Junichiro Ishibashi, Takashi Ito, Joerg Erzinger, and Juergen Thurow.

11. Conclusion

The co-chairs Ryuji Tada, Ruediger Stein, and Mike Underwood thanked again the host Naokazu Ahagon for his excellent logistical arrangements, guided tours, and warm 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 (Jeff Schuffert, Barry Zelt, and Nobu Eguchi) before the meeting ended.

Meeting MINUTES (v.2)

1. Joint Session, Reports

1.1. Introduction of panel members, liaisons, and guests.

1.2. Opening remarks by local host.

Naokazu Ahagon welcomed attendees and summarized logistics.

1.3. Approval of last SSEP meeting minutes

SSEP Consensus 0611-1: The SSEP approves the minutes of their 6th SSEP meeting on 29 May-01 June 2006, Potsdam, Germany.

1.4. Approval of SSEP meeting agenda

SSEP Consensus 0611-2: The SSEP approves the revised agenda of their 7th meeting on November 13-16, 2006, Sapporo, Japan.

1.5. Introduction to meeting organization

Ryuji Tada briefly reviewed the meeting agenda and described how the meeting would be organized.

1.6. SPC Report

Jim Mori reported on outcomes of the 8th meeting of the Science Planning Committee, which was held in Bergen/Os, Norway, 28-31 August 2006. Topics of interest included:

- i) an update of FY07-09 schedule development related to Chikyu, SODV, and MSP planning,
- ii) August SPC actions relevant to SSEP:
 - Development of borehole tool (e.g., SeisCORK) forwarded to EDP
 - SPC supports the two workshops proposed by SSEP (Extreme climates and High-resolution climates)
 - Results of the last global ranking exercise
 - Progress on formation of a DPG for hotspot geodynamics
- iii) report from SASEC meeting, and
- iv) update for mission implementation.

1.7. SSP Report

Yoshikazu Yaguchi reported on outcomes of the 6th meeting of the Site Survey Panel, which was held in Sapporo, 24-26 July, 2006. Twenty nine proposals were reviewed. Especially emphasized is 637Full2 which was commended by SSP. At the same time, SSP urged SPC to consider the way to evaluate and develop a variety of drilling and sampling methods proposed by proponents, which are crucial to develop drilling strategy. Yoshikazu also reported that a prototype of the Data Acquisition System was demonstrated and well received

at the SSP, that SPC requires site summary form 6 for full proposals, and that Yoshikazu Yaguchi was elected as a vice chair.

1.8. USIO Report (United States Implementing Organization)

Cedric John reported on scheduling developments, progress on expedition staffing, personal changes and operational activities of the United States Implementing Organization (JOI Alliance). He also reported SODV update including her delivery date and planning schedule.

1.9. CDEX Report (Japan Implementing Organization)

Kan Aoike reported on Chikyu shakedown cruise which was conducted off Shimokita from August 6th to October 26th in 2006. Riser drilling was conducted to 647 mbsf. System integration test was successful in spite of typhoon that caused emergency disconnection of the sequence. He also gave an update of the NanTroSEIZE planning (222 scientists applied!!) and reported future schedule of Chikyu related to oversea drilling SIT offshore Kenya and NW-Southern Australia (Nov06-Aug07).

1.10. ESO Report (European Implementing Organization)

David McInroy reported on recent status of Expeditions 302, 310 and 313, and future expeditions including #519 (Great Barrier Reef) and #637 (New England Hydrogeology). He also gave information on engineering developments such as through-pipe camera and other developments such as standardization of data entry and nomenclature across the three individual database systems used by the IOs and plans for ESO web-based tutorials and information pages.

1.11. IODP-MI Report

Jeff Schuffert reported on activities at IODP-MI including SAS meeting schedule, proposal submission statistics, possible SSEP recommendations during their reviews of proposals, workshop update, SSEP rotations, and personnel changes. He reported that only 14 proposals (7 environment, 7 solid earth) were submitted for the October 2006 deadline; four of these proposals were new preproposals. These numbers are similar to the number of proposals submitted for the October 2002 deadline, which is the smallest in IODP history. Notable is the relatively small number of active proposals from Japan, which amounts to only 15% of 122 active proposals in the pool. He also mentioned that Site Summary Form 6 has to be included in each full proposal. Jeff Schuffert announced that he will move to JOI in Dec. 1, 2006.

Greg Myers presented an IODP engineering update that includes i) utilization of SAS advice to create the FY2008 Engineering Development Plan, ii) engineering task force, iii) engineering development documents, and iv) engineering web page (www.iodp.org/eng-intro).

2. Meeting Overview

2.1. Reviewing process

Ruediger Stein reviewed the SSEP mandate, conflict-of-interest rules, confidentiality of proposals, proposal review process, purpose of breakout sessions, the purpose and content of

general sessions, the content of final reviews for proposals forwarded to SPC, and 5 star grouping system.

2.2. CDP rules

Mike Underwood gave an introduction on the criteria for identification, characteristics, and the process of designation of a Complex Drilling Project (CDP). He explained that a CDP should be identified by the SSEP based on a submitted preliminary or full proposal that may comprise part of a CDP. The initial proposal of a CDP should define the overall scientific objectives of the entire project and justify the need for a multi-platform or multi-phased drilling strategy to achieve the objectives. Once identified, the SSEP recommends developing a set of related proposals to describe the individual steps or phases in greater detail, each component of which will be evaluated within the broader context provided by the umbrella proposal. All components of a CDP must fulfill the normal requirements for preliminary and full proposals and follow the normal review process. It is the SSEP that decides whether a CDP has reached a sufficient stage of development for external peer review and whether it should be forwarded to SPC for the next stage of internal review. CDP should have one or more, clearly articulated, overarching goal(s), and the pathway achieving these goals requires completion of a series of linked scientific and operational components that can be completed in a reasonably short time. Underwood also stressed the pitfalls in applying the criteria and the ambiguities in asking SPC for approval of a CDP designation.

2.3. Impact of recent IODP-MI workshops on proposal reviews

Mike Underwood led informal reports and discussion on recently held workshops that were sponsored by IODP-MI: Fault Zone Drilling, Mission Moho, Continental Break-Up, Sub-seafloor Life, and Chicxulub Impact Crater. Panel members and guests who attended the workshops provided brief summaries of activities and outcomes. Some of the workshops (e.g., Moho and Continental Break-up) clearly aimed to prepare mission proposal while others did not. It was agreed that workshop reports are very useful way to obtain feedbacks.

3. Breakout Sessions

A total of 15 proposals were reviewed during the meeting. New external reviews were available for 1 proposal. Panel members were subdivided into three breakout sessions for detailed discussions of the proposals: BS1: *Faults and Fluids* (chaired by Mike Underwood); BS2: *Ocean History and Paleoclimate* (chaired by Ruediger Stein); BS3: *Solid Earth* (chaired by Ryuji Tada).

| Breakout Session 1: Faults and Fluids (Chair: Mike Underwood) | | | | | | | |
|---|-------------------------------|----------------|---------------|------------|------------|------------|------------|
| Proposal Number | Short Title | Lead Proponent | Lead Watchdog | Watchdog 2 | Watchdog 3 | Watchdog 4 | Watchdog 5 |
| 644-Full2 | Mediterranean Outflow | Molina | Jaeger | Jian | Menez | Schulte | Hirono |
| 707-Full | Sagami Bay Seismic Monitoring | Kobayashi | Morgan | Gurnis | Jaeger | Spinelli | Takeuchi |
| 710-Pre | Gulf of Corinth Rift | McNeill | Zierenberg | Torres | Spinelli | Erzinger | Morgan |

| | | | | | | | |
|-----------|----------------------------|---------|-----------|-------|-------|----------|------------|
| 574-Full3 | Rainbow Hydrothermal Field | Fouquet | Ishibashi | Menez | Takai | Spinelli | Zierenberg |
|-----------|----------------------------|---------|-----------|-------|-------|----------|------------|

| Breakout Session 2: Ocean History and Paleoclimate (Chair: Ruediger Stein) | | | | | | | |
|--|----------------------------------|----------------|---------------|------------|------------|------------|------------|
| Proposal Number | Short Title | Lead Proponent | Lead Watchdog | Watchdog 2 | Watchdog 3 | Watchdog 4 | Watchdog 5 |
| 556-Full4 | Malvinas Confluence | Wefer | Nishi | Eynaud | Ito | Suzuki | Palike |
| 567-Full3 | South Pacific Paleogene | Rea | Ito | Schulte | Backman | Aiello | Ishibashi |
| 644-Full2 | Mediterranean Outflow | Molina | Backman | Thurrow | Sawada | Dickens | Kim |
| 705-Pre2 | Santa Barbara Basin Climate | Nicholson | Dickens | Summa | Torres | Takai | Jian |
| 708-Pre | Central Arctic Paleooceanography | Stein | Thurrow | Suzuki | Kim | Takeuchi | Jaeger |
| 709-Pre | Pacific Mesozoic Extreme Env | Ohkouchi | Aiello | Eynaud | Backman | Sawada | Nishi |
| 711-Pre | Tanzania Margin Paleoclimate | Wade | Summa | Eynaud | Nishi | Palike | Dickens |

| Breakout Session 3: Solid Earth (Chair: Ryuji Tada) | | | | | | | |
|---|---------------------------------|----------------|---------------|------------|------------|------------|------------|
| Proposal Number | Short Title | Lead Proponent | Lead Watchdog | Watchdog 2 | Watchdog 3 | Watchdog 4 | Watchdog 5 |
| 522-Full5 | Superfast Spreading Crust | Teagle | Tamura | John | Abe | Xu | Konnerup-M |
| 669-Full2 | Walvis Ridge Hotspot | Sager | Gee | Fujiwara | Xu | Gurnis | Tamura |
| 694-Full2 | Izu-Bonin-Mariana Arc Evolution | Tatsumi | Christeson | Erzinger | Kimura | Gee | Abe |
| 697-Pre2 | Izu-Bonin-Mariana Reararc Crust | Tamura | John | Anma | Hirono | Fujiwara | Kimura |
| 698-Pre2 | Izu-Bonin-Mariana Middle Crust | Tatsumi | Anma | | Abe | Konnerup-M | Christeson |

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 before the review of the relevant proposals.

| Proposal No. | Short Title | Lead Proponent | Conflict of interest |
|--------------|---------------------------|----------------|----------------------|
| 522-Full5 | Superfast Spreading Crust | Teagle | |

| | | | |
|-----------|---------------------------------|-----------|------------------|
| 556-Full4 | Malvinas Confluence | Wefer | |
| 567-Full3 | South Pacific Paleogene | Rea | |
| 644-Full2 | Mediterranean Outflow | Molina | |
| 644-Full2 | Mediterranean Outflow | Molina | Eynaud |
| 669-Full2 | Walvis Ridge Hotspot | Sager | |
| 694-Full2 | Izu-Bonin-Mariana Arc Evolution | Tatsumi | Tamura, Gurnis |
| 697-Pre2 | Izu-Bonin-Mariana Reararc Crust | Tamura | Tamura, Gurnis |
| 698-Pre2 | Izu-Bonin-Mariana Middle Crust | Tatsumi | Tamura, Gurnis |
| 705-Pre2 | Santa Barbara Basin Climate | Nicholson | Tada |
| 707-Full | Sagami Bay Seismic Monitoring | Kobayashi | Hirono, Curewitz |
| 708-Pre | Central Arctic Paleoceanography | Stein | Stein |
| 709-Pre | Pacific Mesozoic Extreme Env | Ohkouchi | |
| 710-Pre | Gulf of Corinth Rift | McNeill | |
| 711-Pre | Tanzania Margin Paleoclimate | Wade | |
| 574-Full3 | Rainbow Hydrothermal Field | Fouquet | |

The course of action regarding each of the 15 proposals reviewed during the Sapporo meeting was achieved by consensus of the full panel. The dispositions are as follows:

| |
|---|
| Pre-Proposal: request Pre2 Proposal = 2 |
| Pre-Proposal: request Full Proposals = 4 |
| Pre-Proposal: Special Case = 1 (see recommendation under Topic 6) |
| Full Proposal: forward to SPC = 2 |
| Full Proposal: send for External Review = 2 |
| Full Proposal: request revision = 1 |
| Full Proposal: request revision or CDP = 1 |
| Full Proposal: request revision or new APL = 1 |
| Full Proposal: deactivate = 1 |

The specific dispositions for each proposal are as follows:

| Proposal Number | Short Title | Lead Proponent | Comments |
|--------------------------------------|------------------------------|----------------|---|
| Pre-Proposal: request Pre2 Proposal | | | |
| 709-Pre | Pacific Mesozoic Extreme Env | Ohkouchi | also encouraged to submit a new pre with more emphasis on technological/engineering aspects |
| 710-Pre | Gulf of Corinth Rift | McNeill | |
| Pre-Proposal: request Full Proposals | | | |

| | | | |
|--|----------------------------------|-----------|---------------------------------|
| 697-Pre2 | Izu-Bonin-Mariana Reararc Crust | Tamura | after completion of site survey |
| 698-Pre2 | Izu-Bonin-Mariana Middle Crust | Tatsumi | |
| 708-Pre | Central Arctic Paleooceanography | Stein | |
| 711-Pre | Tanzania Margin Paleoclimate | Wade | |
| Pre-Proposal: Special Case = 1 | | | |
| 705-Pre2 | Santa Barbara Basin Climate | Nicholson | |
| Full Proposal: forward to SPC | | | |
| 522-Full5 | Superfast Spreading Crust | Teagle | |
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| Full Proposal: send for External Review | | | |
| 556-Full4 | Malvinas Confluence | Wefer | |
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| Full Proposal: request revision or CDP = 1 | | | |
| 707-Full | Sagami Bay Seismic Monitoring | Kobayashi | |
| Full Proposal: request revision or new APL | | | |
| 567-Full3 | South Pacific Paleogene | Rea | |
| Full Proposal: deactivate | | | |
| 574-Full3 | Rainbow Hvdrothermal Field | Fouquet | |

A qualitative grouping was assigned to the two proposals forwarded to the SPC using the revised 5-star scale. Each grouping was obtained by consensus of the full panel.

4. Discussion on Workshops

Mike Underwood gave a brief summary on the present state of the two workshop proposals, “Dynamics of the Earth System during Extreme Climates of the Cretaceous and Paleogene” and “Ultra-high resolution of Paleoclimate”, which SSEP recommended to SPC at the last SSEP meeting in Potsdam. SPC endorsed SSEP’s recommendation and forwarded the two proposals to SASEC for consideration. SASEC did not formally accept these two workshop proposals, but encourages submission of revised proposals for the next annual call for IODP-MI sponsored workshops Feb 01, 2007. Proposal submission and further planning and organization of the workshops will be the responsibility of the steering committees, including additional funding sources. Mike Underwood also explained a role of the workshops in planning for Missions and SSEP role in recommending topics for workshops.

5. Discussion on Mission Implementation

Mike Underwood gave an introduction on the definition, goals, overarching principles, and potential problems of the IODP Mission, as approved by SASEC during their last meeting. He further explained call for Mission proposals schedule, format of proposals, proposal review process and mechanism, criteria for proposal evaluation, and SSEP's role in proposal evaluation process. In brief, a mission is an intellectually integrated and coordinated drilling strategy originating from scientific community that addresses a significant aspect of an ISP theme on global basis over an extended period of IODP and merits urgent promotion. Mission proposals will be called annually with the first call on April 1, 2007, and first SSEP review will be in May 2007.

6. Recommendation related to 705-Pre2 (Santa Barbara Basin)

The SSEP recognizes 705-pre2 (Santa Barbara Basin) as a special case. The primary scientific objectives and potential results of this proposal are extremely exciting; however, the proposal cannot proceed forward without a drilling strategy that adequately addresses environmental and safety issues. To expedite the process, proponents need to be guided on viable strategies. The full panel agreed to the following recommendation by consensus:

SSEP Recommendation 0611-3: The SSEP recognizes 705-Pre2 as a special case, and suggests that one or more meetings should occur with various “stakeholders”, including (a) proponents, (b) EPSP members, (c) potential science operators, and (d) IODP engineers to develop an adequate drilling strategy that meets EPSP criteria. The SSEP recommends that the first of these meetings coincide with the scheduled June 2007 EPSP Meeting.

7. Nomination and Election of a next co-chair candidate

Gail Christeson nominated Barbara John to serve as the next Co-Chair of SSEP, thereby replacing Mike Underwood. Julia Morgan seconded the nomination. The nomination of Barbara John was approved by vote of the full panel, using paper ballots.

SSEP Recommendation 0611-4: The SSEP recommends that SPC consider Barbara John for appointment as the next Co-Chair of SSEP.

8. Next SSEP meetings

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9. Other items

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SSEP Consensus 0611-5: The SSEP approved to include discussion on technologies for difficult drilling and request a liaison from the Engineering Developing Panel to participate in the next SSEP meeting.

10. Resolutions for outgoing SSEP members

Resolutions were presented thanking outgoing SSEP members for their years of dedication: Junichiro Ishibashi, Takashi Ito, Joerg Erzinger, and Juergen Thurow.

11. Conclusion

The co-chairs Ryuji Tada, Ruediger Stein, and Mike Underwood thanked again the host Naokazu Ahagon for his excellent logistical arrangements, guided tours, and warm 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 (Jeff Schuffert, Barry Zelt, and Nobu Eguchi) before the meeting ended.

Attachment 1. List of participants

Attachment 2. Provisional agenda

Attachment 1. List of participants

| Name (*co-chair) | Affiliation | | Notes |
|-----------------------|---|------|--------------------------------|
| Abe, Natsue | JAMSTEC/ IFREE | SSEP | alternate for Ohara, Yasuhiko |
| Aiello, Ivano | Moss Landing Marine Laboratories | SSEP | |
| Anma, Ryo | Tsukuba University | SSEP | |
| Backman, Jan | Stockholm University | SSEP | |
| Chen, John Yongshun | Peking University | SSEP | Not attending |
| Christeson, Gail | University of Texas at Austin | SSEP | |
| Dickens, Gerald | Rice University | SSEP | |
| Elliott, Timothy | Bristol University | SSEP | Not attending |
| Erzinger, Jörg | GeoForschungsZentrum Potsdam | SSEP | |
| Eynaud, Frederique | University of Bordeaux | SSEP | |
| Fujiwara, Toshiya | JAMSTEC/ IFREE | SSEP | |
| Gee, Jeff | Scripps Institution of Oceanography | SSEP | |
| Gurnis, Mike | California Institute of Technology | SSEP | |
| Hirono, Tetsuro | Osaka University | SSEP | |
| Ishibashi, Jun-ichiro | Kyushu University | SSEP | |
| Ito, Makoto | Chiba University | SSEP | Not attending |
| Ito, Takashi | Ibaraki University | SSEP | |
| Jaeger, John | University of Florida | SSEP | |
| Jian, Zhimin | Tongji University | SSEP | |
| John, Barbara | University of Wyoming | SSEP | |
| Joye, Samantha | The University of Georgia | SSEP | Not attending |
| Kim, Dae Choul | Pukyong National University | SSEP | |
| Kimura, Jun-ichi | Shimane University | SSEP | |
| Konnerup-Madsen, Jens | University of Copenhagen | SSEP | |
| Menez, Bénédicte | Paris Geophysical Institute (IPGP) | SSEP | |
| Morgan, Julia | Rice University | SSEP | |
| Nishi, Hiroshi | Hokkaido University | SSEP | |
| Ohara, Yasuhiko | Japan Coast Guard | SSEP | Not attending |
| Pälike, Heiko | University of Southampton | SSEP | alternate for Elliott, Timothy |
| Sawada, Ken | Hokkaido University | SSEP | alternate for Ito, makoto |
| Schulte, Mitchell | University of Missouri | SSEP | alternate for Joye, Samantha |
| Spinelli, Glenn | New Mexico Institute of Mining and Technology | SSEP | alternate for Wilson, Alicia |
| Stein, Rüdiger * | Alfred Wegener Institute | SSEP | |
| Summa, Lori | Exxon Mobil Exploration Company | SSEP | |
| Suzuki, Atsushi | AIST/ Institute of Geology and Geoinformation | SSEP | |
| Tada Ryuji * | University of Tokyo | SSEP | |
| Takai, Ken | JAMSTEC/ SUGAR | SSEP | |

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|------------------------|---|--------------------|---------------------------|
| Takeuchi, Mio | AIST/ Institute for Geo-Resources and Environment | SSEP | |
| Tamura, Yoshihiko | JAMSTEC/ IFREE | SSEP | |
| Thurrow, Jürgen | University College London | SSEP | |
| Torres, Marta | Oregon State University | SSEP | |
| Underwood, Mike * | University of Missouri - Columbia | SSEP | |
| Wilson, Alicia | University of South Carolina | SSEP | Not attending |
| Xu, Yigang | Chinese Academy of Sciences | SSEP | alternate for Chen, J. Y. |
| Zierenberg, Robert | University of California, Davis | SSEP | |
| | | | |
| Ahagon, Naokazu | Hokkaido University | STP/ Local host | |
| Aoike, Kan | JAMSTEC/ CDEX | CDEX | |
| Ebeling, Carl | JOI | JOI | |
| Eguchi, Nobuhisa | IODP-MI, Sapporo | IODP-MI | |
| John, Cedric | TAMU | USIO | |
| Kitazato, Hiroshi | JAMSTEC/ IFREE | SPC | |
| Larsen, Hans Christian | IODP-MI, Sapporo | IODP-MI | |
| McInroy, David | University of Leicester | ESO | |
| Mori, James | Kyoto University | SPC | |
| Myers, Gregory J. | IODP-MI, Washington D.C. | IODP-MI | |
| Schuffert, Jeffrey | IODP-MI, Sapporo | IODP-MI | |
| Tanaka, Akiko | AIST/ Institute of Geology and Geoinformation | SSP | |
| Yaguchi, Yoshikazu | Mitsui Oil Exploration Co., Ltd (MOECO) | SSP | |
| Weinberger, Jill | LDEO | USIO | |
| Zarikian, Carlos | TAMU | USIO | |
| Zelt, Barry | IODP-MI, Sapporo | IODP-MI | |

Attachment 2. Provisional agenda

IODP Science Steering and Evaluation Panel (SSEP)

7th Meeting, 13-16 November 2006

Sapporo Convention Center

Sapporo, Japan

DRAFT AGENDA (v3)

Sunday, November 12 (Optional)

Excursion (Lake Toya)

Monday, November 13

Joint Session, Reports

- Introduction of attendees to SSEP
- Opening Remarks by Host (Naokazu Ahagon)
- Approval of the agenda
- Approval of minutes from May 2006 SSEP meeting
- Introduction to the meeting (Ryuji Tada)
- SPC Report (Jim Mori)
- SSP report (Yoshikazu Yaguchi)
- USIO report (Cedric John)
- CDEX report (Kan Aoike)
- ESO Report (David McInroy)
- IODP-MI Reports (Jeff Schuffert and Greg Myers)

Meeting overview

- Reviewing process (Rudiger Stein)
- Breakout sessions (Ryuji Tada)
- CDP “rules” (Mike Underwood)
- Impact of recent IODP-MI workshops on proposal reviews

Breakout sessions

- Proposal review

Reception (Hokkaido University and J-DESC?)

Tuesday, November 14

Breakout sessions

- Proposal review

Parallel meetings of US, ECORD and Japanese members

- discussion on any national aspects

Wednesday, November 15**Breakout sessions**

- Proposal review, cont. (if necessary)

Joint SSEP session

- About workshops
 - o Role of workshops and their achievement
 - o SSEP role in planning for workshops
 - o SSEP response to recent IODP-MI workshops
- Mission implementation discussion (Mike Underwood)
- Proposal review

Thursday, November 16**Joint SSEP session**

- Proposal review
- SSEP recommendations to SPC
- Announcement on coming SSEP meetings