

Minutes of the Joint Meeting of the  
Scientific Steering and Evaluation Panels for the  
Dynamics of Earth's Interior (ISSEP) and Earth's Environment (ESSEP)  
November 16-19, 2004,  
Global Oceanographic Data Center (GODAC), Nago City, Okinawa (Japan)

**Executive Summary :**

**1. Joint Session, Reports :**

***1.1. Approve last SSEPs meeting minutes***

*SSEPs Consensus 0411-1: The SSEPs approve the minutes of their second meeting on 17-20 May 2004 in Granada, Spain.*

***1.2. Approve SSEPs meeting agenda***

*SSEPs Consensus 0411-2: The SSEPs approve the revised agenda of their third meeting on 16-19 November 2004 in Nago, Japan.*

***1.3. IODP-MI Report***

After describing the IODP-MI structure, Eguchi-san summarized the REVCOM Committee, Education and Outreach activities, Site Survey Data Bank, Publication Policy and Data Management. He then gave some statistics about active proposals and their distribution both by platform and by proponent's nationalities. He ended his presentation by summarizing the schedule of the forthcoming SAS meetings.

***1.4. SPC, OPCOM and SPPOC Reports***

After summarizing the IODP SAS for new members, Mike Coffin reported on the SPC meeting that was held in June 2004 in Yokohama. He detailed the ranking of the proposals for FY05 and FY06 and indicated that the SPC forwarded the top fourteen of fifteen ranked proposals to OPCOM in three groups :

- The Group I, including the top seven proposals, equates in priority to the Group I proposals previously forwarded to OPCOM and currently awaiting scheduling (519-Full2 South Pacific Sea Level, 545-Full3 Juan de Fuca Flank Hydrogeology, 564-Full New Jersey Shelf, and 589-Full3 Gulf of Mexico Overpressures).
- The Group II includes the next three proposals (#8-10) that are recommended as alternatives only if the Group I proposals cannot fill the schedule. The SPC endorsed the proposed idea to test the feasibility of the project related to the Proposal 595-Full3 Indus Fan and Murray Ridge in two phases, beginning with shallow drilling at the Murray Ridge site (MU-1B), and requested that

OPCOM form a project scoping group to maximize site drilling objectives and develop a drilling plan at Murray Ridge that optimizes this potential.

- The Group III includes the lower four proposals (#11-14) that are recommended as alternatives only if the Group I and II proposals cannot fill the schedule. Specific recommendations concerned the limitation of the drilling options of Proposal 581-Full2 to several sites around one of the drowned reefs at Southern Bank, and to several sites around one mound in the Porcupine Basin (Proposal 573-Full2).
- The SPC recommended establishing a detailed planning group (DPG) to work with the proponents of Proposals 537-CDP4 and 537A-Full3 (CRISP), the only program not ranked, in order to clarify the scientific objectives of the CDP and the drilling strategy in the component proposals before the first stage is considered for drilling.

Mike Coffin then reported on the last SPC meeting that was held in Corvallis in October 2004. The principal outcomes of that meeting were the following :

- NSF has informally determined that there are sufficient POC and SOC funds to operate the JOIDES Resolution until February 2006, with last port call in U.S.
- SPC made recommendations concerning the various scheduling models proposed by OPCOM.
- SPC will rank proposals for FY07 at its March 2005 meeting and will consider OPCOM drilling schedule scenarios for FY07 later in 2005.
- SPC reaffirmed SPC Consensus 0403-13, including scheduling of the Tahiti component of Proposal 519-Full2 South Pacific Sea Level in FY2005, as approved by SPPOC Motion 0407-4.
- The SPC recognized that the Proposal 650-APL represents a potential for a productive interaction among the proponents, the scientific party of the Tahiti component of Proposal 519-Full2 (the FY2005 MSP project), and industry. It requested that OPCOM consider Proposal 650-APL at its earliest convenience, with input from the proponents and the ECORD Science Operator as appropriate.
- SPC made recommendations regarding the storage of DSDP, ODP, and IODP cores in the Bremen, Gulf Coast, and Kochi core repositories based in principle on geographic considerations (Bremen: Atlantic, Arctic, Mediterranean; Gulf Coast: Caribbean, Gulf of Mexico, Eastern Pacific, Southern Ocean ; Kochi: Western Pacific and marginal seas, Indian).
- SPC requested that the SciMP work with the SSEPs and the IOs to develop a checklist of scientific measurements for use by the SSEPs in evaluating proposals.

Mike Coffin also reported on the last SPPOC meeting which was held in Paris in July 2004; he summarized the major issues discussed at that meeting : 1) the IODP conflict of interest policy (definition and principles), 2) the IODP sample, data, and

obligations policy, and 3) the IODP publications policy. Mike Coffin then indicated that SPPOC has approved the proposed changes, with minor modifications, to the terms of reference of the SSEPs, the SSP, the SciMP, the EPSP, the TAP, and the ILP.

Mike Coffin then summarized the purpose, the membership, and the mandates of Program Planning Groups (PPGs) and Detailed Planning Groups (DPGs), and indicated that the SPC will review any recommendations from the SSEPs to form PPGs and DPGs based on the conclusions of the working group organized at the Granada SSEPs meeting.

Mike Coffin ended his presentation by informing the SSEPs that committee member Chris MacLeod has fallen seriously ill and has withdrawn from sailing as co-chief scientist on the first Atlantis Oceanic Core Complex expedition (Expedition 304). Chris has been a very active ISSEP member before being now a highly appreciated SPC member and ESSAC Vice-Chair. All his SSEPs colleagues express collectively and individually their strongest support and best wishes for a quick and full recovery.

### ***1.5. SSP Report***

Park-san reported on the 2<sup>nd</sup> meeting of the SSP which was held in Lamont in August 2-4, 2004. He summarized the site characterization completeness classification used by this panel and gave the list of the 25 proposals reviewed at its meeting. He also indicated that Roger Searle was nominated to replace André Droxler who recently rotated off that panel.

### ***1.6. US Implementary Organization (USIO) Report***

Gerry Iturrino reported on the USIO activities on Expeditions 301 and 303, and schedule adjustments and staffing regarding the forthcoming Expeditions 304, 305 and 306.

### ***1.7. CDEX Report***

Aoike-san presented an update on the CDEX activities.

### ***1.8. ESO Report***

Heike Delius reported on the organization and the first results of the ACEX Expedition and gave the first informations concerning the organization of the forthcoming Tahiti Sea Level Expedition.

### ***1.9. Report on the Nankai PSG meeting***

Mike Underwood reported on the NanTroSEIZE PSG meeting which was held in Yokosuka on October 14 and 15<sup>th</sup>, 2004. This Scoping Group examined its mandate, the overview of proposals, the site survey status and future plans. Other topics of discussion of this group included, among others, the strategy for non-riser drilling, the database management, the Long-term Observatories, and the operational and management issues.

### ***1.10. SIO,***

Matsuda-san presented an overview and gave a demonstration of the Science Information from 7 Oceans (SIO<sub>7</sub>) database being prepared by personnel from CDEX.

### ***1.11. SSEPs report to the SPC, Yokohama June'04***

Gilbert Camoin presented the SSEPs report given at the June'04 SPC meeting and presented the recommendations issued from the working groups organized at the second SSEPs meeting held in Granada.

- *Recommendation 04-01* : All additional data submitted by proponents to the SSEPs must be incorporated in a revised version of the proposal rather than addenda.
- *Recommendation 04-03* : The SSEPs should review all APLs and provide a recommendation and justification to the SPC.
- *Recommendation 04-04* : The SSEPs should group each proposal forwarded to the SPC using a 5-star system, with “5 stars” representing the very highest priority. The 5-star and 1-star categories should be used sparingly.
- *Recommendation 04-05* : The SSEPs Co-Chairs can serve 2 or 3 years, but no more than 5 continuous years as a SSEPs member and Co-Chair. The terms are normally staggered.
- *Recommendation 04-06* : The SSEPs nominate Mike Underwood as SSEPs Co-Chair (ESSEP) following the November'04 SSEPs meeting.

## **2. Meeting overview**

### ***2.1. Reviewing processes :***

Tim Byrne first summarized the SSEPs mandates and then outlined several important principles of Robert's Rules of Order, such as following the agenda, considering only one item of business and one main motion at a time, promoting courtesy, etc.

Gilbert Camoin then discussed the review process, elaborated on conflict of interest protocols, and presented a plan to organize both working groups and breakout sessions to discuss the proposal review process, proposal grouping, external review forms and the evaluation of proposal pressure vs the ISP.

A total of 32 proposals were reviewed during the meeting : 5 externally reviewed, 11 revised proposals and 16 new proposals; all are summarized in the table below.

Panel members were subdivided into three breakout sessions for detailed discussions of the proposals considered at this meeting (*B.S. 1 : Palaeoceanography/palaeoclimatology + Tecto clim links; B.S. 2 : Solid Earth/Geodynamics; B.S. 3 : Seismogenic zones + Fluid flows/Deep biosphere*). The mandate of the breakout sessions was to build a consensus on recommended actions and present a summary to a subsequent joint session of the panel for discussion. The breakout sessions worked quite well with active discussions of the merits of each proposal and how proposals might be developed.

<b>Palaeoceanography/palaeoclimatology + Tecto clim links (10 proposals) - Chair : G. Camoin</b>	
455-Full4	Laurentide Ice Sheet Outlets (LISO)
552-Add	Bengal Fan
556-Full2	Malvinas Confluence
618-Full3	East Asia Margin
626-Full2	Pacific Equatorial Age Transect
652-Pre	Arctic Mesozoic Climate
656-Full	Belize Margin Paleoclimate and Tectonics
658-Pre	North Atlantic Volcanisms and Paleoclimate
660-Pre	Baltic Sea Basin Evolution
661-Pre	Newfoundland Sediment Drifts

<b>Solid Earth/Geodynamics (9 proposals) – Chair : S. Arai</b>	
535-Full4	735B Deep
591-Full3	New Ireland Forearc
612-Full2	Geodynamo
620-Full3	Hotspot Seamounts
636-Full2	Louisville Seamounts
646-Full	Iceland Hotspot
653-Pre	Tonga-Kermadec Subduction
654-Full	Shatsky Rise Origin
657-Pre	Galicia Rifted Margin
659-Full	Newfoundland Rifted Margin

<b>Seismogenic zones (6 proposals) + Fluid flows/Deep biosphere (6 proposals) – Chair : T. Byrne</b>	
505-Full5	Mariana Convergent Margin
537B-Full2	CRISP Stage 2
537-CDP5	CRISP Overview
537C-Pre	CRISPStage 1b
601-Full2	Okinawa Trough Deep Biosphere
603C-Full	NanTroSEIZE Plate Interface
603D-Full	NanTroSEIZE Observatories
635-Full	Hydrate Ridge Observatory
637-Full	New England Margin Hydrogeology
648-Full2	Big Blue Seamount
655-Pre	Juan de Fuca Observatories
662-Full	South Pacific Gyre Microbiology

*The conflict of interest rules and confidentiality requirements have been respected during the whole review procedure (breakout sessions, general sessions and grouping). The table below lists the*

conflicting SSEPs members, liaisons and guests who left the room during the review of the relevant proposals.

<b>Proposal No</b>	<b>Short Title</b>	<b>Lead Proponent</b>	<b>COI</b>
505-Full5	Mariana Convergent Margin	Fryer	Mottl
535-Full4	735B Deep	Dick	Miller
537-CDP5	CRISP Overview	von Huene	Fisher
537B-Full2	CRISP Stage 2	Ranero	Fisher
601-Full2	Okinawa Trough Deep Biosphere	Takai	Ishibashi
603C-Full	NanTroSEIZE Plate Interface	Suyehiro (Tobin)	Underwood, Saffer, Henry
603D-Full	NanTroSEIZE Observatories	Screaton	Underwood, Saffer, Henry
612-Full2	Geodynamo	Yamazaki	Yamazaki
635-Full	Hydrate Ridge Observatory	Torres	Flemings
636-Full2	Louisville Seamounts	Koppers	Norris
648-Full2	Big Blue Seamount	Fryer	Mottl
656-Full	Belize Margin Paleoclimate and Tectonics	Droxler	Camoin
661-Pre	Newfoundland Sediment Drifts	Norris	Norris

The dispositions taken regarding the 32 proposals reviewed at the Nago meeting are the following :

- Pre-Proposals for revision : 2.
- Pre-Proposals to be developed to full proposals : 6
- Full-Proposals for revision : 14.
- Full-Proposals sent out for external review : 6
- Full-Proposals forwarded to SPC : 4

## **2.2. Working groups :**

\* Working Group 1 - Handling of proposals not reactivated during the last 2 to 3 years and proposals at SPC and/or OPCOM but not scheduled.

**SSEPs Consensus 0411-3:** *The SSEPs recommend that the IODP-MI Office informs proponents of proposals that have not been reactivated since the beginning of the Interim Period (2001) that their proposals will be deactivated if they do not submit an updated version of their proposal for the next proposal submission deadline, April 1st 2005.*

**SSEPs Consensus 0411-4:** *The SSEPs recommend that proposals considering proposals as active if proponents have sent a progress report (e.g., summarizing site survey status, new data, etc.) to the IODP-MI Office within a three-year period.*

***SSEPs Consensus 0411-5:*** *The SSEPs recommend that inactivated proposals be removed from consideration by the SAS. After three years of inactivity, a proposal can only be reactivated by submitting a new proposal with a new number.*

***SSEPs Consensus 0411-6:*** *The SSEPs recommend that proposals not forwarded to OPCOM based on their low ranking be returned to the SSEPs for possible revision and revised proposals be cycled in this manner between the SPC and the SSEPs only once.*

\* Working Group 2: Linking other SAS panels and the IOs to the proposal review process.

After discussions, the SSEPs have decided that the next SSEPs meeting will include a working group on defining proposal maturity (e.g. in terms of science, technology, site survey etc.).

To help to define maturity, the SSEPs Co-Chairs propose to work in conjunction with the SSP, TAP and SciMP. With that objective in mind, the SSEPs Co-Chairs have asked the IODP-MI Office to inform the Co-Chairs of those service panels that more liaisons from them will be necessary at the next SSEPs meeting.

The SSEPs Co-Chairs will also discuss proposal maturity issues at the forthcoming PANCH meeting, that will be held in Lisbon (in association with the next SPC meeting) on March 14th, 2005.

### **3. Other discussions :**

The SSEPs Co-Chairs announced that a working group on recommendations to possibly form PPGs and/or DPGs will be organized at the May'05 SSEPs meeting.

### **4. Resolutions for outgoing SSEP members :**

Resolutions were presented thanking (and roasting) outgoing ISSEP Co-Chair Tim Byrne and members Michelle Kominz, Peter Flemings, Helmut Weissert, Yamamoto-san and Yamano-san. The SSEPs will miss them all.

### **5. Next SSEPs meetings:**

The Fourth SSEPs meeting will be held on May 16-19th at the Tongji University in Shanghai (China). Zhimin Jian will host the meeting. A social tour is planned.

Mike Underwood announced that the Fifth SSEPs meeting will be held in November 2005 (around mid-November - dates to be finalized) in Hawaii. Greg Ravizza will host the meeting.

## **Tuesday, November 16**

**8:30**

### **1. Joint Session, Reports**

#### **1.1. Introductory Remarks**

Gilbert Camoin opened the third meeting of the Scientific Steering and Evaluation Panels.

The co-Chairs, Shoji Arai, Tim Byrne and Gilbert Camoin thanked the hosts Hiroyuki Yamamoto and Toru Nishikawa for their excellent arrangements for the meeting. The panels are also grateful to Bridget Chisholm, of the JOI office, for her help in arranging the meeting.

They thanked the field trip leaders (Yasufumi Iryu and Kohtaro Ujiie) for the organization of a pleasant one-day field trip on Quaternary reef complex and Tertiary turbidites of the Okinawa Island.

After introduction of panel members, liaisons, and guests, Hiroyuki Yamamoto and Toru Nishikawa offered welcoming remarks and some information on the logistics.

#### **1.2. Approval of last SSEPs meeting minutes**

*SSEPs Consensus 0411-1: The SSEPs approve the minutes of their second meeting on 17-20 May 2004 in Granada, Spain.*

#### **1.3. Approval of SSEPs meeting agenda**

*SSEPs Consensus 0411-2: The SSEPs approve the revised agenda of their third meeting on 16-19 November 2004 in Nago, Japan.*

#### **1.4. IODP-MI report: Nobuhisa Eguchi**

Nobuhisa Eguchi reported on the IODP-MI structure and related organizations. He first showed an update of the IODP-MI structure, especially of the Sapporo Office, and funding agencies of Japan, US and Europe. He introduced a new committee, REVCOM, its mandate (evaluation of operations) and activity and reported on a meeting concerning ACEX that was held in October 23-24 at Washington, DC. He also presented IODP-related activities about education and outreach, which will target scientists, media and nonscientific public audiences, and include creation of web portal, publication of E-Newsletter and promotion of exhibition/conference booth. He referred to Site Survey Data Bank and the role of a new science coordinator at IODP-MI to work with the SSDB and the integration of proposals and site survey data. He gave some information on publication policy of Expedition Reports and a successor of JOIDES Journal, and about data management. He showed some statistics concerning the 125 active proposals and their distribution by theme (35 for solid earth, 30 for microbiology and 60 for environment), drilling platform (5 for riser, 9 for riser/non-riser, 90 for non-riser, 5 for



non-riser/MSP, 11 for MSP and 3 for riser/non-riser/MSP) and nationality of lead proponents (46 from ECORD, 57 from US, 16 from Japan and 6 from others). He finished his report by summarizing the schedule of the past and forthcoming SAS meetings.

SPPOC; July 8-9, 2004, Paris, and December 11-12, 2004, San Francisco

SPC; June 14-17, 2004, Yokohama, October 25-27, 2004, Corvallis, and March 14-17, Lisbon

SSEPs; May 17-20, 2004, Granada, and November 16-19, 2004, Nago

SSP; August 2-4, 2004, LDEO, and February 21-23, 2005, Durham

SciMP; June 21-22, 2004, Nagasaki

EPSP; June 21-22, 2004, Collage Station, and February 8-10, 2005, Kona

ILP; February 25-27, 2005, Shanghai

TAP; June 29-July 1, 2004, Nagasaki

### **1.5. SPC. OPCOM and SPPOC reports: Mike Coffin**

After brief summary on the IODP SAS and SPC/SPPOC meeting schedule, Mike Coffin reported on the SPC meeting held in June 2004 at Yokohama, Japan. He detailed the ranking of the proposals for FY05 and FY06 and indicated that the SPC forwarded the top fourteen of fifteen ranked proposals to OPCOM into three groups :

(1) The Group I, including the top seven proposals (#1-7), equates in priority to the Group I proposals previously forwarded to OPCOM and currently awaiting scheduling (519-Full2 South Pacific Sea Level, 545-Full3 Juan de Fuca Flank Hydrogeology, 564-Full New Jersey Shelf, and 589-Full3 Gulf of Mexico Overpressures).

(2) The Group II includes the next three proposals (#8-10) that are recommended as alternatives only if the Group I proposals cannot fill the schedule. The SPC endorsed the proposed idea to test the feasibility of the project related to the Proposal 595-Full3 Indus Fan and Murray Ridge in two phases, beginning with shallow drilling at the Murray Ridge site (MU-1B), and requested that OPCOM form a project scoping group to maximize site drilling objectives and develop a drilling plan at Murray Ridge that optimizes this potential.

The Group III includes the lower four proposals (#11-14) that are recommended as alternatives only if the Group I and II proposals cannot fill the schedule.

Specific recommendations concerned the limitation of the drilling options of Proposal 581-Full2 to several sites around one of the drowned reefs at Southern Bank, and to several sites around one mound in the Porcupine Basin (Proposal 573-Full2). The SPC recommended establishing a detailed planning group (DPG) to work with the proponents of Proposals 537-CDP4 and 537A-Full3 in order to clarify the scientific objectives of the CDP and the drilling strategy in the component proposals before the first stage can be considered for drilling.

Mike Coffin then reported on the last SPC meeting that was held in Corvallis in October 2004. The principal outcomes of that meeting was the following :

NSF has informally determined that there are sufficient POC and SOC funds to operate the JOIDES Resolution until February, 2006, with last port call in U.S and then

presented.

(2) SPC made recommendations concerning the various scheduling models proposed by OPCOM. (3) SPC will rank proposals for FY07 at its March 2005 meeting and will consider OPCOM drilling schedule scenarios for FY07 later in 2005.

(4) SPC reaffirmed SPC Consensus 0403-13, including scheduling of the Tahiti component of Proposal 519-Full2 South Pacific Sea Level in FY2005, as approved by SPPOC Motion 0407-4. (5) The SPC recognized that the Proposal 650-APL represents a potential for a productive interaction among the proponents, the scientific party of the Tahiti component of Proposal 519-Full2 (the FY2005 MSP project), and industry. It requested that OPCOM consider Proposal 650-APL at its earliest convenience, with input from the proponents and the ECORD Science Operator as appropriate.

(6) SPC made recommendations regarding the storage of DSDP, ODP, and IODP cores in the Bremen, Gulf Coast, and Kochi core repositories based in principle on geographic considerations (Bremen: Atlantic, Arctic, Mediterranean; Gulf Coast: Caribbean, Gulf of Mexico, Eastern Pacific, Southern Ocean ; Kochi: Western Pacific and marginal seas, Indian).

(7) SPC requested that the SciMP work with the SSEPs and the IOs to develop a checklist of scientific measurements for use by the SSEPs in evaluating proposals.

Mike Coffin reported on the last SPPOC meeting which was held in Paris in July 2004 and summarized the major issues discussed at that meeting : 1) the IODP conflict of interest policy (definition and principles), 2) the IODP sample, data, and obligations policy, and 3) the IODP publications policy. Mike Coffin then indicated that SPPOC has approved the proposed changes, with minor modifications, to the terms of reference of the SSEPs, the SSP, the SciMP, the EPSP, the TAP, and the ILP.

Mike Coffin then summarized the purpose, the membership, and the mandates of the Program Planning Groups (PPGs) and Detailed Planning Groups (DPGs), and indicated that the SPC will review any recommendations from the SSEPs to form PPGs and DPGs based on the conclusions of one the working group organized at the Granada SSEPs meeting.

Mike Coffin ended his presentation by informing the SSEPs that a committee member Chris MacLeod has fallen seriously ill and has withdrawn from sailing as co-chief scientist on the first Atlantis Oceanic Core Complex expedition (#304). Before being a highly appreciated SPC member and ESSAC Vice-Chair, Chris has been also a very active ISSEP member. All his colleagues express collectively and individually their strongest support and best wishes for a quick and full recovery.

## **1.6. SSP Report: Jin-Oh Park**

Jin-Oh Park reported on the 2<sup>nd</sup> meeting of the SSP which was held in LDEO in August 2-4, 2004. He summarized the site characterization completeness classification used by this panel as follows.

### **1. Presently viable proposal for FY2005**

1A. All required data are in the Data Bank and have been reviewed by SSP.

1A\*. Proprietary industry data are not in the Data Bank but have been reviewed by SSP.

- 1B. A few required items are missing from the Data Bank but data are readily available.
- 1C. A few required items are not in the Data Bank and not believed to exist.
- 2. Possibly viable proposal for FY2005 or later
  - 2A. Substantial items of required data are not in the Data Bank but are believed to exist.
  - 2B. Substantial items of required data are not in the Data Bank and not believed to exist but site survey is scheduled.
  - 2C. Substantial items of required data are not in the Data Bank and not believed to exist.
- 3. Unlikely for FY2005, possible for later
  - 3A. No data are in the Data Bank but are believed to exist.
  - 3B. No data are in the Data Bank.

He then gave the list of the 25 proposals reviewed at the meeting :

\* Seven have been already ranked by SPC (additional data submission) :

537A-Full3 Costa Rica Seismogenesis Project 1,  
 553-Full2 Cascadian Margin Hydrates,  
 603A-Full2 NanTroSEIZE 1 Reference Sites,  
 603B-Full2 NanTroSEIZE 2 Mega-Splay Faults,  
 595-Full3 Indus Fan and Murray Ridge,  
 600-Full Canterbury Basin, and  
 519-Full2 South Pacific Sea Level,

\* Eighteen have been already reviewed by SSEPs in May, 2004 :

505-Full5 Mariana Convergent Margin,  
 552-Full3 Bengal Fan,  
 603C-Full NanTroSEIZE 3 Plate Interface,  
 612-Full2 Geodynamo  
 626-Full2 Pacific Equatorial Age Transect,  
 537B-Full Costa Rica Seismogenesis Project 2,  
 601-Full Iheya Ridge,  
 604-Full Ulleung Basin,  
 618-Full2 East Asia Margin,  
 620-Full2 Hotspot Seamounts,  
 623-Full2 Ontong Java Plateau,  
 633-Full Middle America Slope,  
 636-Full Louisville Seamount Trail,  
 648-Full Big Blue Seamount,  
 603D-Pre NanTroSEIZE 4 Observatories,  
 645-Pre North Atlantic Gateway, and  
 646-Pre Iceland Hotspot,

He also indicated that Roger Searle was nominated to replace André Droxler who recently rotated off that panel. He finished his presentation to note that the next SSP meeting will be held on February 21-23, 2004, in Durham, UK.

### **1.7. US Implementing Organization (USIO) Report: Gerry Iturrino**

Gerry Iturrino reported on the U.S. Implementing Organization (USIO) activities on operations of Expeditions 301, 301 transit, 303, 304, 305 and 306, and schedule adjustments/ staffing regarding the forthcoming Expeditions 304, 305 and 306. He detailed Expeditions 301 and 301 transit (objectives, operational strategy, and operational results), 303 (objectives, status and results), 304/305 (objectives and proposed drill sites) and 306 (objectives and status). He especially referred to challenges for Site 1301 and concluded on some lessons learned. He also reported on post-expedition assessment, including cruise evaluation completed by participants, Expedition Team Initial assessment, JOI Alliance Operations Team assessment and REVCOM assessment. He finally presented Phase 2 items, i.e., potential vessel contract extension, SODV PFR (issued on October 19, 2004), briefing book, and project positions.

### **1.8. CDEX Report: Kan Aoike**

Kan Aoike presented an update on the CDEX activities. He announced that the Japan Marine Science and Technology Center (JAMSTEC) was reorganized as an independent administrative institution : the Japan Agency for Marine-Earth Science and Technology (JAMSTEC) in April, 2004, and has undergone a major organizational change on July 1, 2004. The OD21 Department was merged with CDEX, which includes four departments (Planning and Coordination, Operation, Technology, and Science and Planning) and one group (HSE Group). He showed pictures of eight research vessels, including the “CHIKYU”, that belong to JAMSTEC. He reported on the present situation of the “CHIKYU”, whose equipment will be finally tested by the end of November 2004 by CDEX, and also showed the preparation plan for the “CHIKYU” operations (from crew training to riser drilling by 2000m WD). He briefly referred to the NanTroSEIZE PSG meetings. He reported the location, facilities and analytical equipments of the Kochi Core Center (Center for Advanced Marine Core Research of Kochi University/ Kochi Core Center of CDEX/JAMSTEC). He showed a plan of CDEX Database that contains site survey and other scientific data. He gave some examples of education and outreach activities (campaigns for universities/museums and for non-scientific, and booth exhibitions and town meetings during conferences) made by CDEX in Japan and abroad in cooperation with J-DESC. Finally he showed new organization charts of JAMSEC and CEDEX.

### **1.9. ESO Report : Heike Delius**

Heike Delius reported on the organization and the first results of ACEX and presented facilities and abilities of MSP that supported this expedition. She presented the details (objectives, operational conditions, a drill site on the Lomanosov Ridge, drilled cores and the fleet used) of the ACEX cruise and explained the importance of the Arctic Ocean researches. She also gave the first information concerning the organization of the forthcoming Tahiti Sea Level Expedition (Co-chiefs : Gilbert Camoin, France and Yasufumi Iryu, Japan) scheduled in summer 2005. She noticed that this expedition will

benefit from the ACEX experience and will incorporate recommendations of ACEX REVCOM.

### **1.10. Report on the Nankai PSG meeting: Mike Underwood**

Mike Underwood reported on the NanTroSEIZE PSG meeting, which was held at JAMSTEC, Yokosuka on October 14 and 15, 2004. This Scoping Group includes seven core members (Tom Janecek, Gaku Kimura, Masataka Kinoshita, Shin'ichi Kuramoto, Hans Christian Larsen, Harold Tobin (chair) and Michael Underwood) and five technical implementation members (Atsushi Ibusuki, Shomei Kobayashi, Adams Klaus, Hideki Masago and Tatsuya Murayama). Their topics of discussion are as follows.

1. Mandate
  - Responsibilities and reporting path
  - Core membership
  - Chief Project Scientists
  - Relationship with Expedition Chief Scientists
  - Defining gateways
  - Creation of "What ifs?"
2. Overview of proposals
  - 603A (#2)
  - 603B (#3)
  - 603C (external review)
  - 603D-Full
3. Site survey status and future plans
  - New data, reprocessing of old data
  - 3-D seismic (CDEX + NSF, 2006)
  - Side-scan sonar (December, 2004)
  - Deep-tow (February, 2005)
  - Kumano Basin seismic stratigraphy
  - Shallow hazards survey (riser sites)
  - Report on pre-stack depth migration
  - Wide-angle OBS (November, 2004)
  - Kuroshio Current
4. Site-by-site operational scoping
  - Riser or non-riser
  - Technological development needs
  - Pore pressure models and data
  - Design of casing, mud weights and casing points
5. Strategy for non-riser drilling
  - 2006 drilling scenarios (OPCOM)
  - Consensus on expedition priorities (requested by OPCOM)
  - Recalculation of drilling/casing times (TAMU)
  - Issue: pilot hole for NTo3-01?
6. Database Management (see the SIO<sub>7</sub> system below)
7. Long-term Observations

Types of data sets, sensors and arrays  
Establishment of working group, include “outsiders”  
Defining the process for setting priorities  
Create PSG recommendation for PIs to seek funds

## 8. Operation and Management

Science parties  
Relationship between PSG, CPS and Co-Chiefs  
Data sharing among expeditions  
Lead scientist in each discipline

Yujiro Ogawa as one of the observers of the meeting supported the role of this Group and stressed the importance of NanTroSEIZE CDP

### 1.11. SIO<sub>7</sub> : Shigemi Matsuda

Matsuda-san gave a demonstration of a new CDEX Information System, the Science Information from 7 Oceans (SIO<sub>7</sub>), by taking an example of implementation plan to support the NanTroSEIZE PSG. Before the demonstration he presented the infrastructure, the system overview, the site survey database and the interpretation tool. He finished his presentation by showing a chart of SIO<sub>7</sub> implementation and support organization.

### 1.12. SSEPs report to the SPC, Yokohama June 2004: Gilbert Camoin

Gilbert Camoin presented the SSEPs report given at the June'04 SPC meeting at Yokohama and also presented the recommendations issued from the working groups organized at the second SSEPs meeting held in Granada.

*Recommendation 04-01:* All additional data submitted by proponents to the SSEPs must be incorporated in a revised version of the proposal rather than addenda.

*Recommendation 04-03:* The SSEPs should review all APLs and provide a recommendation and justification to the SPC.

*Recommendation 04-04:* The SSEPs should group each proposal forwarded to the SPC using a 5-star system, with “5 stars” representing the very highest priority. The 5-star and 1-star categories should be used sparingly.

*Recommendation 04-05:* The SSEPs Co-Chairs can serve 2 or 3 years, but no more than 5 continuous years as a SSEPs member and Co-Chair. The terms are normally staggered.

*Recommendation 04-06:* The SSEPs nominate Mike Underwood as SSEPs Co-Chair (ESSEP) following the November'04 SSEPs meeting.

## 13:30 GODAC tour

A tour to see the GODAC and JAMSTEC activities was made by the GODAC staffs.

## 14:00

## 2. Proposal Review

### 2.1. Introduction to the meeting and reviewing processes

Tim Byrne first summarized the membership, role and mandates of SSEPs as well as the submission and reviewing processes of IODP proposals. He referred to what proponents can submit: preliminary proposal (10 pages) or full proposal (25 pages) for initial submission, full or revised proposal after SSEPs review, proponents response letter – PRL - (5 pages) after external review, addendum (10 pages), and ancillary project letter – APL -(5 pages) after scheduling. He then outlined several basic principles and procedures for discussing proposals and communicating across cultures in SSEPs, such as the Robert’s Rules of Order (e.g. following the agenda, considering only one item of business and one main motion at a time, promoting courtesy, etc.).

Gilbert Camoin confirmed the agenda followed during that meeting, and then discussed the review process and the conflict of interest rules.

He presented a plan to organize both working groups and breakout sessions to discuss the proposal review process, proposal grouping, external review forms and the evaluation of proposal pressure vs the ISP.

A total of 32 proposals (23 Full, 8 Pre and 1 Add) were reviewed during the meeting : 5 externally reviewed, 11 revised proposals and 16 new proposals; as summarized in the table below.

Externally reviewed proposals:

<b>Proposal No.</b>	<b>Title</b>	<b>Lead prop.</b>	<b>Thm..</b>	<b>Respons.</b>
505-Full5	Mariana Convergent Margin	Fryer	3	I/E
552-Add	Bengal Fan	France-Lanord	2	E/I
603C-Full	NanTroSEIZE Plate Interface	Suyehiro (Tobin)	3	I/E
612-Full2	Geodynamo	Yamazaki	3	I/E
626-Full2	Pacific Equatorial Age Transect	Paelike	2	E

New and revised full proposals:

<b>Proposal No.</b>	<b>Title</b>	<b>Lead prop.</b>	<b>Thm.</b>	<b>Respons.</b>
455-Full4	Laurentide Ice Sheet Outlets (LISO)	Piper	2	E
535-Full4	735B Deep	Dick	3	I
537B-Full2	CRISP Stage 2	Ranero	3	I
537-CDP5	CRISP Overview	von Huene	3	I
556-Full2	Malvinas Confluence	Wefer (Mulitza)	2	E
591-Full3	New Ireland Forearc	Herzig (Kuhn)	1	I
601-Full2	Okinawa Trough Deep Biosphere	Takai	1	E
603D-Full	NanTroSEIZE Observatories	Screaton	3	I/E
618-Full3	East Asia Margin	Cliff	2	E/I
620-Full3	Hotspot Seamounts	Sager	3	I
635-Full	Hydrate Ridge Observatory	Torres	1	E/I
636-Full2	Louisville Seamounts	Koppers	3	I
637-Full	New England Margin Hydrogeology	Person	1	E
646-Full	Iceland Hotspot	Murton	3	I

648-Full2	Big Blue Seamount	Fryer	1	E/I
654-Full	Shatsky Rise Origin	Sager	3	I
656-Full	Belize Margin Paleoclimate & Tectonics	Droxler	2	E
659-Full	Newfoundland Rifted Margin	Tucholke	3	I
662-Full	South Pacific Gyre Microbiology	D'Hondt	1	E

### New pre-proposals

Proposal No.	Title	Lead prop.	Thm.	Respons.
537C-Pre	CRISP Stage 1b	Scholl	1	I
652-Pre	Arctic Mesozoic Climate	Jokat	2	E/I
653-Pre	Tonga-Kermadec Subduction	Gurnis	3	I
655-Pre	Juan de Fuca Observatories	Davis	1	I/E
657-Pre	Galicia Rifted Margin	Sawyer	3	I
658-Pre	North Atlantic Volcanisms & Paleoclimate	Planke	2	E/I
660-Pre	Baltic Sea Basin Evolution	Andr�n	3	E/I
661-Pre	Newfoundland Sediment Drifts	Norris	2	E

The conflict of interest rules and confidentiality requirements have been respected during the whole review procedure (breakout sessions, general sessions and grouping). The table below lists the conflicting SSEPs members, liaisons and guests who left the room during the review of the relevant proposals.

Proposal No	Short Title	Lead Proponent	COI
505-Full5	Mariana Convergent Margin	Fryer	Mottl
535-Full4	735B Deep	Dick	Miller
537-CDP5	CRISP Overview	von Huene	Fisher
537B-Full2	CRISP Stage 2	Ranero	Fisher
601-Full2	Okinawa Trough Deep Biosphere	Takai	Ishibashi
603C-Full	NanTroSEIZE Plate Interface	Suyehiro (Tobin)	Underwood, Saffer, Henry
603D-Full	NanTroSEIZE Observatories	Screaton	Underwood, Saffer, Henry
612-Full2	Geodynamo	Yamazaki	Yamazaki
635-Full	Hydrate Ridge Observatory	Torres	Flemings
636-Full2	Louisville Seamounts	Koppers	Norris
648-Full2	Big Blue Seamount	Fryer	Mottl
656-Full	Belize Margin Paleoclimate and Tectonics	Droxler	Camoin
661-Pre	Newfoundland Sediment Drifts	Norris	Norris

## 2.2. Breakout Sessions

Panel members were subdivided into three breakout sessions for detailed discussions of the proposals considered at this meeting (*Breakout Session. 1: Palaeoceanography/palaeoclimatology + Tectonics-climatology link chaired by G.*



*Camoin; Breakout Session. 2 : Solid Earth/Geodynamics chaired by S. Arai; and Breakout Session. 3 : Seismogenic zones + Fluid flows/Deep biosphere chaired by T. Byrne*). The mandate of the breakout sessions is to build a consensus on evaluations and recommended actions and to present a summary to a subsequent joint session of the panel for discussion. The breakout sessions worked quite well with active discussions of the merits of each proposal and how proposals might or should be developed.

### **Breakout Session 1**

Plaeoceanography/paleoclimatology + Tectonics-climatology links (Chair: G. Camoin)

<b>Proposal No.</b>	<b>Title</b>	<b>COI</b>
455-Full4	Laurentide Ice Sheet Outlets (LISO)	
552-Add	Bengal Fan	
556-Full4	Malvinas Confluence	
618-Full3	East Asia Margin	
626-Full2	Pacific Equatorial Age Transect	
652-Pre	Arctic Mesozoic Climate	
656-Full	Belize Margin Paleoclimate and Tectonics	Camoin
658-Pre	North Atlantic Volcanisms and Paleoclimate	
660-Pre	Baltic Sea Basin Evolution	
661-Pre	Newfoundland Sediment }Drifts	Norris

SSEPs members:

ESSEP; Camoin (except for 656-Full), Flower, Sawada, Hasegawa, Weissert, Norris (except for 661-Pre), Thurow, M. Ito, Lohmann, Jian, Ishibashi.

ISSEP; Kominz, Henry, Ogawa, Ertzinger, Hirono, Austin, Umino, Fisher, Teagle, Chen.

### **Breakout Session 2**

Solid Earth/Geodyanamics (Chair: S. Arai)

<b>Proposal No.</b>	<b>Title</b>	<b>COI</b>
535-Full4	735B Deep	
591-Full3	New Ireland Forearc	
612-Full2	Geodynamo	Yamazaki
620-Full3	Hotspot Seamounts	
636-Full2	Louisville Seamounts	Norris
646-Full	Iceland Hotspot	
653-Pre	Tonga-Kermadec Subduction	
654-Full	Shatsky Rise Origin	
657-Pre	Galicia Rifted Margin	
659-Full	Newfoundland Rifted Margin	

SSEPs members:

ISSEP; Arai, Pedersen, Teagle, Yamazaki (except for 612-Full2), Umino, Mottl, Ohara, Kominz, Austin, Henry, Fisher, Ertzinger, Bangs, Saffer, Hirono, Yamano.

ESSEP; Hayashida, Yamamoto, T. Ito, Lohmann, M. Ito.

### **Breakout Session 3**

Seismogenic Zones, Fluid Flow, Deep Biosphere, Observatories (Chair: T. Byrne)

<b>Proposal No.</b>	<b>Title</b>	<b>COI</b>
505-Full5	Mariana Convergent Margin	Mottl
537B-Full2	CRISP Stage 2	Fisher
537-CDP5	CRISP Overview	Fisher
537C-Pre	CRISP Stage 1b	
601-Full2	Okinawa Trough Deep Biosphere	Ishibashi
603C-Full	NanTroSEIZE Plate Interface	Underwood, Saffer, Henry
603D-Full	NanTroSEIZE Observatories	Underwood, Saffer, Henry
635-Full	Hydrate Ridge Observatory	Flemings
637-Full	New England Margin Hydrogeology	
648-Full2	Big Blue Seamount	Mottl
655-Pre	Juan de Fuca Observatories	
662-Full	South Pacific Gyre Microbiology	

SSEPs members:

ISSEP; Byrne, Hirono, Pedersen, Bangs, Henry (except for 603C-Full and 603D-Full), Chen, Saffer (except for 603C-Full and 603D-Full), Ertzinger, Ogawa, Fisher, Mottl (except for 505-Full5 and 648-Full2).

ESSEP; Smith, Ge, Flemings (except for 635-Full), Underwood (except for 603C-Full and 603D-Full), Ishibashi, Yamamoto, T. Ito, Hasegawa, Jian.

The breakout sessions ended at 18:30.

## **Wednesday, November 17**

### **8:30 Breakout Sessions (continued)**

The breakout sessions ended at 14:45.

**15:00**

### **2.3. Working Group Discussions**

Working Group 1 - Handling of proposals not reactivated during the last 2 to 3 years and proposals at SPC and/or OPCOM but not scheduled.

A list of 26 proposals not reactivated over the last 3 years was presented (as below) and the potential actions discussed.

<b>Proposal No.</b>	<b>Title</b>	<b>Lead proponent</b>
478-Full4	Eastern Nankai Subduction	Tokuyama
489-Full3	Ross Continental Shelf	Barrett
491-Full3	Cretaceous S. Atlantic Accretion	Hinz

503-Full2	Weddell Basin	Jokat
513-Full2	Scott Plateau Paleooceanography	Opdyke
531-Pre2	Max Spreading Rate Core Complex	Snow
532-Full	Kane Magamullion	Tucholke
539-Full2	Blake Ridge Gas Hydrates	Holbrook
541-Full	Chilean Fjord Sediments	Anderson
542-Pre	Hikurangi Plateau LIP (SW Pacific)	Mortimer
550-Full	Carbonate Clinofoms, NW Australia	Bradshaw
560-Full	Return to Woodlark Basin 1108	Taylor
561-Full3	Caribbean LIP	Duncan
565-Pre	Eucla Carbonate Platform	Feary
566-Full3	Nankai Trough Gas Hydrate	Ashi
568-Pre	Northern Nicaragua Rise	Droxler
569-Full	CO2 Sequestration	Goldberg
574-Full	Rainbow Hydrothermal Field	Fouquet
575-Full3	Gulf of Aden African Climate	deMenocal
576-Pre2	S. Barbados Accretionary Prism	Deville
579-Pre	N. Pacific Climate/Anoxic Skan Bay	Anderson
586-Full2	Hawaiian Coral Reefs and Basalts	Rubenstein
587-Pre	Gulf of Mexico Mini-Basin	Nelson
588-Full	Arctic-Atlantic Cretaceous Gateway	Gradstein
590-Pre	Coop. JOIDES-Industry GoMex	Armentrout
592-Pre2	Shallow Water Dogger Bank	Andriessen

Working Group 2 : Linking other SAS panels and the IOs to the proposal review process.

The SSEPs members discussed about linking the other SAS panels and the IOs to the proposal review process. As an example a check list made by SciMP to extract proposals that are sent to SciMP was presented and explained by Makoto Okada (SciMP co-chair ) (see Attachment No. 1).

After discussions, the SSEPs have decided that the next SSEPs meeting will include a working group on defining proposal maturity (e.g. in terms of science, technology, site survey etc.).

To help to define maturity, the SSEPs Co-Chairs propose to work in conjunction with the SSP, TAP and SciMP. With that objective in mind, the SSEPs Co-Chairs have asked the IODP-MI Office to inform the Co-Chairs of those service panels that more liaisons from them will be necessary at the next SSEPs meeting.

The SSEPs Co-Chairs will also discuss proposal maturity issues at the forthcoming PANCH meeting, that will be held in Lisbon (in association with the next SPC meeting) on March 13th, 2005.

The working group discussions ended at 19:00.

**Thursday, November 18**

**8:30**

#### **2.4. Joint SSEPs session**

(1) Review of proposals and grouping of the proposals for sending to SPC

The 32 proposals were reviewed and discussed at the joint SSEPs session based on the results of breakout sessions. The conflict of interest rules were strictly respected during the process. The table below summarizes the dispositions taken regarding the 32 proposals.

##### **Pre-Proposals for revision**

<b>Proposal</b>	<b>Title Code</b>	<b>Lead proponent</b>	<b>Panel resp.</b>
537C-Pre	CRISPStage 1b	Scholl	I/E
660-Pre	Baltic Sea Basin Evolution	Andr�n	E/I

##### **Pre-Proposals to be developed to Full Proposals**

<b>Proposal</b>	<b>Title Code</b>	<b>Lead proponent</b>	<b>Panel resp.</b>
652-Pre	Arctic Mesozoic Climate	Jokat	E/I
653-Pre	Tonga-Kermadec Subduction	Gurnis	I
655-Pre	Juan de Fuca Observatories	Davis	I/E
657-Pre	Galicia Rifted Margin	Sawyer	I
658-Pre	North Atlantic Volcanisms and Paleoclimate	Planke	E/I
661-Pre	Newfoundland Sediment Drifts	Norris	E

##### **Full Proposals for revision**

<b>Proposal</b>	<b>Title Code</b>	<b>Lead proponent</b>	<b>Panel resp.</b>
455-Full4	Laurentide Ice Sheet Outlets (LISO)	Piper	E
537-CDP5	CRISP Overview	von Huene	I
556-Full2	Malvinas Confluence	Wefer (Mulitza)	E
591-Full3	New Ireland Forearc	Herzig (Kuhn)	I
603D-Full	NanTroSEIZE Observatories	Screaton	I/E
612-Full2	Geodynamo	Yamazaki	I/E
635-Full	Hydrate Ridge Observatory	Torres	E/I
636-Full2	Louisville Seamounts	Koppers	I
637-Full	New England Margin Hydrogeology	Person	E
646-Full	Iceland Hotspot	Murton	I
648-Full2	Big Blue Seamount	Fryer	E/I
654-Full	Shatsky Rise Origin	Sager	I
656-Full*	Belize Margin Paleoclimate and Tectonics	Droxler	E
662-Full	South Pacific Gyre Microbiology	D'Hondt	E

##### **Proposals sent out for external review**

Proposal	Title Code	Lead proponent	Panel resp.
535-Full4	735B Deep	Dick	I
537B-Full2	CRISP Stage 2	Ranero	I
601-Full2	Okinawa Trough Deep Biosphere	Takai	E
618-Full3	East Asia Margin	Clift	E/I
620-Full3	Hotspot Seamounts	Sager	I
659-Full	Newfoundland Rifted Margin	Tucholke	I

#### Proposals forwarded to SPC

Proposal	Title Code	Lead proponent	Panel resp.
505-Full5	Mariana Convergent Margin	Fryer	I/E
552-Add	Bengal Fan	France-Lanord	E/I
603C-Full	NanTroSEIZE Plate Interface	Suyehiro (Tobin)	I/E
626-Full2	Pacific Equatorial Age Transect	Paelike	E

The general session ended at 18:00. After lunch and before discussion, Dave Smith made a DVD presentation on the ACEX cruise.

### **Friday, November 19**

**8:30**

#### **2.4. Joint SSEPs session**

(2) Consensus obtained at the working group discussion.

Gilbert Camoin presented five items of consensus about handling of proposals not reactivated during the last 2 to 3 years and proposals at SPC and/or OPCOM but not scheduled.

***SSEPs Consensus 0411-3:** The SSEPs recommend that the IODP-MI Office informs proponents of proposals that have not been reactivated since the beginning of the Interim Period (2001) that their proposals will be deactivated if they do not submit an updated version of their proposal for the next proposal submission deadline, April 1st 2005.*

***SSEPs Consensus 0411-4:** The SSEPs recommend that proposals considering proposals as active if proponents have sent a progress report (e.g., summarizing site survey status, new data, etc.) to the IODP-MI Office within a three-year period.*

***SSEPs Consensus 0411-5:** The SSEPs recommend that inactivated proposals be removed from consideration by the SAS. After three years of inactivity, a proposal can only be reactivated by submitting a new proposal with a new number.*

***SSEPs Consensus 0411-6:*** *The SSEPs recommend that proposals not forwarded to OPCOM based on their low ranking be returned to the SSEPs for possible revision and revised proposals be cycled in this manner between the SPC and the SSEPs only once.*

## **2.5. Other discussions**

Before discussion, Mike Coffin presented draft terms of reference about PPGs (Program Planning Groups) and DPGs (Detailed Planning Groups). He summarized general purpose, mandate, meetings, membership, liaison and chair of PPGs and DPGs. He confirmed the areas under-represented and well-represented by ODP/IODP, which were discussed and summarized at the last SSEPs meeting held in Granada on May 2004. He pointed out that some PPGs may be created for the areas that are under-represented in terms of involvement of industry links, geography (Southern Pacific, Southern Ocean, Southern Atlantic, Indian Ocean, and Mediterranean Sea and adjacent seas) and shallow-water settings. He also noted that some DPGs might be created for the areas that are well-represented, i.e., slow-spreading ridges/core complexes, gas hydrates, extreme climates, rapid climate change, sea level, whole earth geodynamics, gateways and ocean basement hydrology. He announced that the SPC will review any recommendation from the SSEPs as well as proposal pressure according to ISP theme and initiative, and consider forming PPGs and DPGs at the March, 2005, SPC meeting,.

The SSEPs Co-Chairs announced that a working group on recommendations to possibly form PPGs and/or DPGs will be organized at the May'05 SSEPs meeting.

## **3. Resolutions for outgoing SSEP members**

Resolutions were presented thanking (and roasting) outgoing ISSEP Co-Chair Tim Byrne and members Michelle Kominz, Peter Flemings, Helmut Weissert, Yamamoto-san and Yamano-san. The SSEPs will miss them all.

## **4. Next SSEPs meetings**

Zhimin Jian announced that the Fourth SSEPs meeting will be held on May 16-19th at the Tongji University in Shanghai, China. He will host the meeting. A social tour is planned. He stated that Shanghai has two international airports and is very convenient to make an access.

Mike Underwood announced that the Fifth SSEPs meeting will be held in November 2005 (around mid-November - dates to be finalized) in Hawaii. Greg Ravizza will host the meeting.

Meeting ended at noon.

Meeting Attendees :

**ISSEP**

Arai, Shoji \*  
Austing, Jamie (alternated for Fulthorpe, Craig)  
Bangs, Nathan (alternate for Bach, Wolfgang)  
Byrne, Tim \*  
Chen, Yongshun  
Ertzinger, Jörg  
Fisher, Don (alternated for Blackman, Donna)  
Henry, Pierre  
Hirono, Tetsuro  
Kominz, Michelle  
Mottl, Michael (alternate for Rosenberg, Nina)  
Ogawa, Yujiro  
Ohara, Yasuhiko  
Pedersen, Rolf  
Saffer, Demian  
Teagle, Damon  
Umino, Susumu  
Yamano, Makoto  
Yamazaki, Toshitsugu

**ESSEP**

Camoin, Gilbert \*  
Erba, Elisabetta \*\* (alternate for Stein, Rudiger)  
Flemings, Peter  
Flower, Benjamin  
Ge, Shemin  
Hasegawa, Takashi  
Hayashida, Akira  
Ishibashi, Jun-ichiro  
Ito, Makoto  
Ito, Takashi  
Jian, Zhimin  
Lohmann, George (alternate for Ravizza, Greg)  
Norris, Richard  
Sawada, Ken (alternate for Ohkouchi, Naohiko)  
Smith, Dave (alternate for Edwards, Katrina)  
Thurow, Juergen

Underwood, Mike  
Weissert, Helmut  
Yamamoto, Hiroyuki  
\* co-chair

\*\* Erba was absent on urgent business, but sent her messages on proposal reviews.

### **Liaisons and Guests**

Allan, Jamie	NSF
Al Zarkian, Carlos	JOI Alliance
Aoike, Kan	CEDEX
Coffin, Mike	SPC
Delius, Heike	ESO
Eguchi, Nobuhisa	IMI-S
Iturrino, Gerardo	JOI Alliance
Kawahata, Hodaka	SPC
Masago, Hideki	CDEX
Coffin, Mike	SPC
Matsuda, Shigemi	CDEX
Okada, Makoto	SciMP
Park, Jin-Oh	SSP
Nogi, Yoshifumi	SSP
Amanot, Toshitaka	JST
Kuno, Noboru	JST
Nishikawa, Toru	AESTO





**Attachment n° 1 :**

A Check List to extract proposals to be sent to SciMP

a) If the scientific objectives require special procedures for sample preparations, what sorts of measurements and/or preparations are required?

- 1) Microbiology -----[ ]
- 2) Geochemistr -----[ ]
- 3) Physical properties -----[ ]
- 4) Non-destructive measurements -----[ ]
- 5) Pressurized sample -----[ ]
- 6) Others -----[ ]

b) Are the special procedures an important part of this proposal? -----[ ]

If so, have the proponents provided details and contact information? -----[ ]

c) If the scientific objectives require third party tools, what sorts of tools are required?

- 1) Logging while drilling -----[ ]
- 2) CORKS -----[ ]
- 3) In-situ measurements -----[ ]
- 4) Long term monitoring -----[ ]
- 5) Others -----[ ]

d) Are the third party tools an important part of this proposal? -----[ ]

If so, have the proponents provided details and contact information? ----- [ ]