

**14TH ESSAC MEETING
ECORD Science Support & Advisory Committee
ESSAC
MINUTES
26TH - 28TH May 2010
Sommarøy Hotel
Tromsø, Norway**



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ESSAC Office

Ruediger Stein (Chair)

Jeannette Lezius

ESSAC Delegate Germany

ESSAC Science Coordinator

ESSAC Representatives

Fatima Abrantes

Neil Banerjee

Gilbert Camoin (Vice-Chair)

Carlota Escutia

Anneleen Foubert

Samuel Jaccard

Rachael James

Nalan Koç (meeting host)

Lucas Lourens

Xavier Monteys

Werner Piller

Marit Solveig Seidenkrantz

Ian Snowball

Kari Strand

Paola Tartarotti

ESSAC Delegate Portugal

ESSAC Delegate Canada

ESSAC Delegate France

ESSAC representative Spain

ESSAC Alternate Belgium

ESSAC representative Switzerland

ESSAC Delegate UK

ESSAC Delegate Norway

ESSAC Delegate Netherlands

ESSAC Delegate Ireland

ESSAC Delegate Austria

ESSAC Delegate Denmark

ESSAC Delegate Sweden

ESSAC Delegate Finland

ESSAC representative Italy

Observers/Guests

Jochen Erbacher

Patricia Maruéjol

Catherine Mével

Alan Stevenson

Antje Voelker

ESF Magellan Workshops

EMA

EMA

ESO

ESSAC representative Portugal

Apologies

Menchu Comas

Elisabetta Erba

Judith McKenzie

Rudy Swennen

ESSAC Delegate Spain

ESSAC Delegate Italy

ESSAC Delegate Switzerland

ESSAC Delegate Belgium

1. Introduction

1.1 Call to order, introductions

R. Stein welcomed all ESSAC delegates, observers and guests to the 14th ESSAC Meeting in Tromsø. He thanked N. Koç for the organization and logistics of the meeting and the fieldtrip.

The ESSAC meeting started with the self-presentation of each participant.

1.2 Welcome and meeting logistics

N. Koç gave an overview about the general logistics and the organisation of the field trip.

1.3 Discussion and approval of the Agenda

R. Stein called the ESSAC delegates attentions to a change in the agenda:

The ESO report by A. Stevenson will be given during the afternoon of the first day or in the morning of the second day of the meeting, depending on the arrival of A. Stevenson.

R. Stein pointed on the election of the new incoming vice chair of ESSAC.

R. Stein highlighted on the presentation of C. Escutia about Wilkes Land Expedition.

C. Escutia was asked to take over the coordinator position for E. Erba for "Breakout session - Workshops, Communication and Vision". She agreed.

R. Stein explained, that Education & Outreach is the main topic of this meeting.

R. Stein asked the ESSAC delegates, if they wished to add any other item on the agenda. The ESSAC delegates denied and approved the agenda.

ESSAC Consensus 1005-01: ESSAC approves the Agenda of its 14th meeting on May 26-28, 2010 at the Sommarøy Hotel, Tromsø, Norway.

1.4 Items since the 13th ESSAC Meeting/ESSAC Office news

R. Stein summarised the undertakings and the action items that the ESSAC Office had done and fulfilled during the reporting period from November 2009 to May 2010.

Part of the undertakings (and the fulfilment of the related action items) are centralised in the respective thematic themes, and the respective lecturers give details).

> **ESSAC Action Item 0911-01:** ESSAC (R. James) will contact her national office concerning replacement of Science Advisory Structure Executive Committee (SASEC) member Nick Arndt.

done Damon Teagle (UK) has been nominated and already been approved by ECORD Council as new ECORD SASEC member.

> **ESSAC Action Item 0911-02:** ESSAC (G. Camoin) will contact Christian Blanpied (Total) for replacing Philippe Lapointe within Environmental Protection and Safety Panel (EPSP).

in progress

> **ESSAC Action Item 0911-03:** ESSAC Office will contact Lothar Wohlgemut and Bill Ussler (as chair) for continuation of membership of L. Wohlgemut within the Engineering Development Panel (EDP).

done L. Wohlgemut will continue his membership in EDP until January 2011.

> **ESSAC Action Item 0911-04:** ESSAC Office will send out a Call for Nominations for the Science Planning Committee (SPC) of the SAS in IODP with deadline March 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-05:** ESSAC Office will send out a Call for Nominations for the Site Survey Panel (SSP) of the SAS in IODP with deadline March 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-06:** ESSAC Office will send out a Call for Nominations for the Scientific Technology Panel (STP) of the SAS in IODP with deadline March 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-07:** ESSAC Office will send out a Call for Nominations for the Engineering Development Panel (EDP) of the SAS in IODP with deadline March 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-08:** ESSAC Office will send out Calls for Applications to sail on the three upcoming cruises: Juan de Fuca Flank Hydrogeology, South Pacific Gyre Microbiology, Louisville Seamount Chain with deadline January 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-09:** ESSAC Office will send out a Call for engineers/teachers for the Juan de Fuca Expedition with deadline January 15, 2010.

done (details under “5. Nominations and staffing”)

> **ESSAC Action Item 0911-10:** ESSAC Office will contact the national offices/delegates to ask them to send statistics regarding the scientists involved in each expedition (in addition to the Science Party members) and statistics including the published IODP-related papers of all their scientists.

in progress

> **ESSAC Action Item 0911-11:** ESSAC Office will send out draft versions of a letter of support for ECORD Scholarships and ECORD Grants to delegates/alternates.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-12:** ESSAC Office will send out a Call for Scholarships/Grants with deadline March 29, 2010.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-13:** ESSAC Office will send out a Call to host a Summer School 2011 with deadline May 10, 2010.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-14:** ESSAC Office will contact current lecturers within DLP (2008/2010) to remind them that this program runs until May/June 2010. The ESSAC Office will also send them (once again) a list of all interested institutes.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-15:** ESSAC Office will create a form to request feedback from institutes that have hosted DLPs.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-16:** ESSAC Office will create a Call for DLP (2010/2012) related to the three main ISP themes, with a list of possible topics. The call will be sent out with deadline March 15, 2010.

done (details under “8. Education & Outreach”)

> **ESSAC Action Item 0911-17:** ESSAC Office will contact the subcommittee “Workshops, Communication and Vision” to revise the draft version of the Letter of Support for Continuation of IODP with deadline end of February 2010. Final version of the Letter of Support has to be completed end of March, 2010.

done Final version of the Letter of Support has been completed by the ESSAC Chair and ESSAC delegates in mid April 2010, and submitted to all ESSAC delegates and Notional Offices.

R. Stein asked all participants for comments or questions. Everyone denied.

2. IODP News

2.1 Lead Agencies and Implementing Organizations

C. Mével reported about news within NSF, USIO, MEXT, CEDEX and IODP-MI.

NSF

- hopes to have enough funding to continue support
- ~7-8 months JR until the end of the programme

USIO

- is still seeking to receive more money for projects → outside of IODP (industry)
- Complicated because they do not own the ship
Negotiation with the ship owner, Transocean

National Academy of Science

- Has been asked to evaluate ocean drilling scientific accomplishments and future plans
The review committee has been set up; Report delivered early this year

MEXT

- Funding problems

CDEX

- Developing a system to allow riser drilling in strong currents
- Aim = to finish the NanTroSEIZE project before the end of IODP
- For the future phase, identify 2 or 3 projects
- MOHO is a major objective but requires technological development
- CDEX is also looking for commercial work
May drive the Chikyu outside Japanese waters

IODP-MI

- Kiyoshi Suyehiro, the new IODP-MI president, had to organize the consolidation of the two IODP-MI offices into a single one located in Tokyo
- The new office started in March
Consequence: major changes in personal
- Only one vice president: Hans Christian Larsen
- Yoshi Kawamura appointed as the operation manager
- Still seeking for Manager of outreach and communication

Triennial review of IODP

- Contractual activity
- This second triennial review will focus on effectiveness of IODP science planning
- Ian McGregor chairs review committee
He has requested input from the community (written statements); has talked to a number of people, the first draft of the report will be presented at the coming SASEC/IWG+ meetings.
This should help shaping the SAS structure for the new program.

IODP-MI Board of Governors:

Chair: Brian Taylor
ECORD representatives: John Ludden (UK)
Mathilde Cannat (France)
Gerold Wefer (Germany)

2.2 SAS Executive Committee (SASEC), IODP Council and IWG+

C. Mével gave reports about the SASEC meeting January 15-16, 2010, in Seoul, Korea, and the ECORD Council meeting June 9-10, 2009, in Lisbon. C. Mével pointed out that she would like to concentrate on the report on IWG+.

SASEC meeting: January 15-16, 2010, Seoul, Korea

ECORD representatives: Nick Arndt (F) and Jan De Leeuw (NL)

C. Mével pointed on the important Consensus 1001-04:

SASEC Consensus 1001-04: SASEC requests that SPC/OTF develop and present to SASEC in June 2010, a small number of alternative drilling schedules for the remainder of IODP through 2013 that incorporate the highest priority science to be completed before the end of the program.

The first-order guiding principle for recommending expeditions for scheduling by 2013 should be scientific excellence, and a very high likelihood of having a major scientific impact in an ISP theme or initiative.

Other guiding principles, consistent with the 2008 SASEC Implementation Plan for IODP Expeditions 2008-2013, include:

- Accomplishing the best and most exciting science consistent with the program's resources
- Demonstrating an integrated and interdisciplinary approach
- Meeting objectives of high societal relevance.

In developing the alternative scheduling scenarios, SPC/OTF should:

1) review and evaluate how well each theme and initiative of the Initial Science Plan has been addressed to date, what specific questions have been answered, and what specific questions remain;

2) identify which proposed drilling projects that are mature enough to be scheduled between 2011 and 2013, could make a significant contribution to accomplishment of a major ISP theme or initiative, thereby helping build the case for renewal;

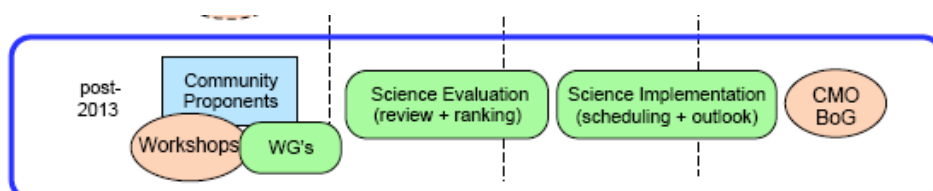
3) consider from a strategic perspective, which proposed drilling projects should be part of the drilling schedule to best position IODP for its successor program.

- SASEC is playing a major role in preparing the future phase of ocean drilling
- SASEC has nominated the SPWC in consultation with IODP-MI → Approved by IWG+
- The SASEC chair represents the scientific community at IWG+meeting

SAS Subcommittee, led by Keir Becker:

Post-2013 Proposal Review: Summary Recommendations

- The post-2013 SAS should be simpler, with two committees for proposal evaluation and program plan development where there are now three (SSEP/SPC/SASEC).
- More effort should be placed into early proposal development and nurturing in program-funded workshops and potential SAS working groups prior to main submission and evaluation within SAS. That should maintain community involvement (even with simpler SAS), allow earlier scoping by IO's, and produce fewer but more competitive proposals with shorter residence times in the proposal evaluation process.
- Single-expedition JR and MSP proposals can probably be evaluated using a common process/pathway, but planning for riser projects and long-term multi-expedition non-riser projects needs a separate pathway through SAS with strong similarities to the mission concept developed in 2005-2007.
- The transition should begin within the next year!



- More focus on early proposal development/nurturing in program-funded workshops and working groups - preserves community participation
- One science evaluation/ranking panel - more consistent reviews and (hopefully) shorter proposal residence times?
- Highest level SAS panel develops operational plan and long-term outlook

Further information is given in the Minutes of that meeting:
http://www.iodp.org/index.php?option=com_docman&task=doc_download&gid=2961.

International Working Group +

The decision to create this group was made at the IODP Council meeting in Lisbon, January 2009.

- Meetings:

IWG+ #1: Washington DC, June 09

IWG+ #2: Bremen, September 2009

IWG+ informal meeting at AGU, December 2009

IWG+#3: Seoul, January 2010

Next meeting: IWG+#4: Kyoto, June 2010

- Membership:

3 co-chairs: NSF (R. Batiza), MEXT (S. Shibata) and ECORD (C. Mével)

Members: Representatives from all funding agencies currently participating in IODP or interested in participating in the future program

ECORD representation: Mike Webb (UK), Guido Lüniger (Germany), Mireille Perrin (France), Fernando Barriga (Portugal), Jose Sanchez-Quintana (Spain), Anne De vernal (Canada), Catherine Mével (EMA)

Observers: IOs, scientific community (SASEC chair and vice-chair), others as required....

Information about IWG+ activities posted on the IODP website <http://www.iodp.org/iodp-council/2/>

IWG+ statements:

- 10-year program

- The new science plan must emphasize science relevant to society.

- The new science plan will have to include firm deliverables, yet be flexible to include emerging science.

- The scientific community should assume that the JOIDES Resolution (JR), the Chikyu and Mission Specific Platforms (MSPs) will be available to the new program with the following estimated guidelines for the first 5 years: JR: 35-60 months; Chikyu: around 25 months; MSPs: at least 5 expeditions.

- IWG+ has approved the membership of the « Science Plan Writing Committee » (SPWC)

- 4 key issues are being discussed – some progress has been made already

1) New multinational program architecture and financial contribution, Role of “platform providers”

- No more SOCs and POCs, Each platform provider responsible for funding all operations of the platform offered to the program

2) Still a need for commingled funds - to support integrated activities: planning, core curation, data management, education and outreach, recruitment of new members, publications, engineering development, linkages to other programs, fund raising, and review of expeditions (science and operations) and - to participate to the funding of the Chikyu

- ECORD is requested to provide 10 M\$ to the commingled funds

- Concept of Lead Agency still being discussed

3) SAS structure

- Simplified, more efficient, more flexible to facilitate cooperation with other programs

- Hopefully, major progress will be accomplished at the next IWG+ meeting

- Will build on the triennium review and the SASEC report

4) Transition period

- It is planned that there will be no hiatus between the end of IODP and the start of the new program
- To be ready to implement the first expeditions at the beginning of FY14, a number of actions need to start very soon, although the funding will likely not be secured before the end of 2012.

Key issues identified and some actions decided...
 But some key questions are not yet solved

- Identify the Implementing Organisations who will operate the ships in the new phase
- Platform provider responsibility - needs to be done soon, no later than early 2012
- Let enough lead time to the IOs for the preparation
- Scoping should start early 2012 for the JR and MSPs
- Scoping should start now for the Chikyū
- Identify the proposals that will be implemented during the first (and second) year of the program
- No interim SAS
- The new SAS will be set up as soon as possible (Fall 2011) and the existing panels will be progressively phased out
- Should new SAS members for the current structure be appointed?
- No decision, left to the PMOs

What happens to the proposals currently in the system?

- The schedule for the first (± second year) will have to build on existing proposals
- The proposals currently residing at OTF (SPC?) will be forwarded to the new SAS

How to deal with all the other proposals?

- Two opinions
- Deactivate all of them and encourage the proponents to resubmit in the light of the new science plan
- Forward all of them to the new SAS for evaluation and action

Should the call for proposals be interrupted until the new science plan is out ?

- mid 2011

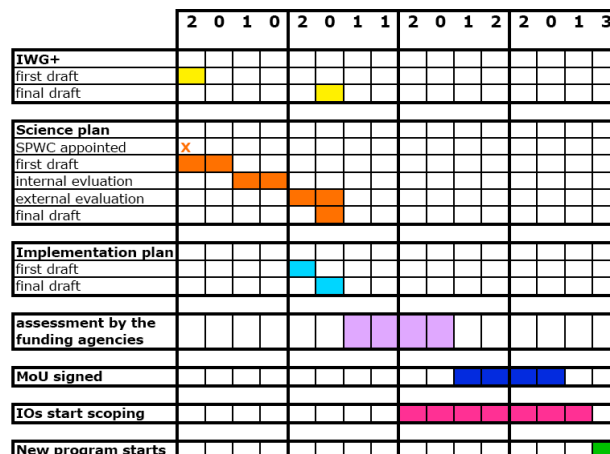
What is ESSAC's position?

G. Camoin commented that at the meeting in Cambridge HC. Larsen said that there would be no call for proposals until spring 2011! This means one year without proposals! Further discussions see 5.12.

Management of program:

- Central management office: keep central management office during (until 2016) transition, → open to apply and host central management office

Timeline:



R. Stein asked if experienced members of existing SAS will be requested in the new SAS? C. Mével pointed out, that there had been no discussions about that yet. But she thought that new people will be needed, since it is a new program.

G. Camoin suggested that proposals may have to change the format - all proposals in the system may need to be changed into a new format, as discussed during the last SPC meeting. C. Escutia asked, what this reformatting would mean for the science. G. Camoin suggested to deactivate all old proposals and re-submit everything - if old proposals were just forwarded, the new program would just drill old proposals (as during change from ODP to IDOP, example Deep Biosphere).

G. Camoin supported that rules have to be defined, that proponents can adjust their proposals. These need also to fit with the new science plan.

F. Abrantes asked about the need of proposals to convince the funding agencies of the new program.

G. Camoin noticed that the change of submission for proposals in 2011 is right in time for the new program.

R. Stein underlined, that proposals for the first 2 years of the new program will probably be selected out of the pool of proposals sitting at SPC & OTF.

C. Mével pointed out that the ECORD Council is in favour to change the style of the proposals. Now, the scientists need to be convinced about that change.

G. Camoin supported this, since proposals are often not up to date. C. Mével wondered how these proposals could go to SPC. R. Stein cut in that he will explain this in his SPC report.

C. Escutia mentioned, that proponents only resubmit, if they have a chance. She underlined that science review and ranking by the same panel would be a good idea. G. Camoin supported this as SPC has already done this in the past.

N. Koc again underlined that it has to be open to resubmit proposals, and this has to be in sense of the new science plan, to ensure that people are sure with their idea.

G. Camoin reminded that the residence time of a proposal in the system is 6-7 years and even more. C. Mével pointed out that there are people who think that it is important that there are many proposals in the program, however it is better to reduce the time a proposal is in the system. R. Stein mentioned that during his membership in SSEP about 10-20 proposals have been dealing with abrupt climate change; all of them were positively reviewed and stayed in the system, but there have been too many and they were all dealing with the same topic. Here a workshop discussion about the major abrupt-climate-change-related themes by the group of proponents before submitting proposals should have occurred (which would have resulted in a lower total number of, but more focussed proposals). In this context, G. Camoin gave the example of the Monsoon proposals - a topic with quite a number of proposals in the system. Problem was that all these people did not communicate and did not build a working group to come out with joint objectives and priorities. Here a detailed Planning Group has been formed and prioritisation of the proposals by the group of proponents has been done. C. Mével supported this - that exact this, the setting of priorities, has to be done before.

<p>ESSAC Consensus 1005-04: In preparation for the new program, ESSAC recommends that proponents of active IODP proposals should be invited to submit a new version of their proposal to the new program. The new proposal should take into consideration the new science plan and the recent scientific achievements of IODP in the relevant field.</p>

2.3 Science Steering Evaluation Panel – SSEP

R. Stein reported about the 13th Meeting of the Science Steering and Evaluation Panel (SSEP), on November 16th to 18th, 09 at the University of Melbourne, Australia.

Co-chairs: M. Torres, A. Ishiwatari, H. Brinkhuis

Meeting host: S. Gallagher

R. Stein gave information about changes within the 32 SSEP **members**.

New SSEP Members: Dave Hodell (Univ. Cambridge, UK) replaced Heiko Pälike (Univ. Southampton, UK), Osamu Ishizuka (AIST, Japan) replaced Jun'ichiro Kuroda (JAMSTEC, Japan), Juergen Koepke (Univ. Hannover, Germany) replaced Achim Kopf (University of Bremen, Germany), Tomoaki Morishita (Kanazawa Univ., Japan) replaced Eiichi Takazawa (Niigata Univ, Japan), Masanobu Yamamoto (Hokkaido Univ., Japan) replaced Kosei Yamaguchi (Toho Univ., Japan).

Nomination for **new SSEP co-chair** to replace Akira Ishiwatari:

SSEP Consensus 0911-3: The SSEP recommends that SPC consider Yasufumi Iryu for appointment as the next Co-Chair of SSEP.

Next SSEP Meeting #14 will be held in Kochi, Japan, May, 18-21, 2010, with meeting host Fumio Inagaki. The November meeting #15 will take place in Portland Oregon, USA with meeting host Marta Torres.

Main purpose of this SSEP meeting was the review of 17 proposals, submissions for October 1st, 09.

R. Stein gave information about the **proposal statistics**:

Proposals: 15 submitted proposals (Environment: 5, Solid Earth: 2, Deep Biosphere: 8) + 2 proposals (ext. rev.) with **lead proponents** from ECORD (7), US (7) and China (1). A total of 107 **active proposals** (Environment: 44, Solid Earth: 38, Deep Biosphere: 26) are in the system.

Distribution by

- **IODP Members (lead proponent):** US: 44, ECORD: 44, Japan: 14, ANZIC: 3, China: 2.

- **1066 unique proponents:** ECORD: 460, US: 348, Japan: 131, ANZIC: 33, China: 28, Korea: 5, India: 2, Others: 59

- **geographic distribution of ECORD proponents:** UK: 102, D: 87, F: 63, N: 45, CDN: 32, NL: 28, ES: 26, I: 19, DK: 17, CH: 12, S: 11, B: 7, P: 6, AU: 2, FIN: 1, ICE: 1, IRE: 1

- **geographic distribution:** Pacific: 49, Atlantic: 27, Indian: 10, Arctic: 8, Mediterranean: 5, Southern: 5

17 proposals were reviewed, thereof 9 ECORD proposals: 3 UK, 3D, 2 S, 1CH.

Further information is given in the Minutes of that meeting:
http://www.iodp.org/index.php?option=com_docman&task=doc_download&gid=2883.

2.4 Science Planning Committee SPC and Operation Task Force OTF

R. Stein gave a summary about the outcomes of the 15th IODP Science Planning Committee meeting at University of Sydney, Australia, March 23rd to 26th, 2010 and the Operations Task Force Meeting held in Tokyo, Japan, April 26th to 28th, 2010.

SPC Meeting Sydney

Table of Content:

- Introduction
- Presentation and discussion of proposals
- Agency, IODP-MI, IO, SAS Reports
- Approve new Science Steering and Evaluation Panel co-chair
- Engineering development issues
- International Continental Scientific Drilling Program report
 - ICDP and U.S. National Academy of Sciences discussion on Climate-Hominid Evolution
- Clarify status of proposals remaining at the OTF
- Thematic summaries
- Regional context: Drilling history, future proposal pressure by basin

- Global ranking of proposals: Select proposal pool to rank
- Presentation and discussion of Ancillary Project Letters
- Discussion of the current proposal evaluation system
- Global ranking of proposals II
- Balloting and selecting ranked proposals to forward to the OTF
- Nominate co-chief scientists for forwarded proposals
- Select proposals to deactivate
- Expedition scheduling for APLs and Engineering Development
- Other business, future meetings with main topics:
- Presentation and discussion of proposals at SPC
- Proposals forwarded to OTF
- Expedition scheduling (FY 10/11)
- Future planning of expeditions (FY 12/13)
- ICDP and Climate-Hominid Evolution Initiative
- Others

Presentations and discussion of proposals:

- Review of proposals by SPC watchdog prior to the meeting
- Presentation of review summary at SPC meeting
- Watchdog provides comments about significance of science, ability to achieve objectives, timeliness of science to be achieved
- Watchdog provides initial grouping recommendation: top third, middle third, or bottom third of proposals within the theme.

SPC Consensus 1003-08: SPC deactivates Proposals 547-Full4 Oceanic Subsurface Biosphere and 557-Full2 Storegga Slide Gas Hydrates and will not consider them for ranking.

SPC Consensus 1003-10: The SPC asks for revision of Proposals 667-Full NW Australian Shelf Eustasy, 595-Full3 Indus Fan and Murray Ridge, and 698-Add2 Izu-Bonin-Mariana Arc Middle Crust and returns them to the proponents.

Rank	Proposal #	Short Title	Mean	Std. Dev.	Result
1	732-Full2	Antarctic Peninsula Sediment Drifts	3.471	2.375	OTF
2	695-Full2	Izu-Bonin-Mariana Pre-Arc Crust	4.882	4.029	OTF
3	686-Full	Southern Alaska Margin I	5.417	5.328	OTF
4	548-Full3	Chicxulub K-T Impact Crater	6.471	4.515	OTF
5	553-Full2	Cascadia Margin Hydrates	6.765	3.977	OTF
6	681-Full2	Lesser Antilles Volcanic Landslides	7.706	5.301	*
7	661-Full2	Newfoundland Sediment Drifts	8.000	3.657	OTF
8	551-Full	Hess Deep Plutonic Crust	8.294	4.239	OTF
9	633-Full2	Costa Rica Mud Mounds	10.059	4.575	OTF
10	581-Full2	Late Pleistocene Coralgal Banks	10.529	5.479	OTF
11	659-Full	Newfoundland Rifted Margin	10.647	3.656	OTF
12	672-Full3	Baltic Sea Basin Paleoenvironment	11.000	3.518	NF
13	697-Full3	Izu-Bonin-Mariana Reararc Crust	11.412	5.374	NF
14	567-Full4	South Pacific Paleogene	11.471	3.300	NF
15	555-Full3	Cretan Margin	12.118	4.045	NF
16	589-Full3	Gulf of Mexico Overpressures	13.529	4.155	NF
17	669-Full3	Walvis Ridge Hotspot	13.765	3.113	NF
18	556-Full4	Malvinas Confluence	16.000	2.318	†

OTF = forwarded to OTF

NF = not forwarded to OTF

* = placed in "holding bin" due to site survey deficiencies (see SPC Consensus 1003-15)

† = deactivated

R. Stein pointed out, that it was decided not to forward the Baltic Sea proposal because this is better for the proponents. The proponents can work on it and resubmit a

revised proposal. For SPC, the Baltic Sea proposal is still a potential candidate for the final phase of the program.

N. Banerjee asked about the determination of the “line” between 659Full and 672Full3. R. Stein explained the ranking procedure of SPC: All SPC voting members can rank by giving numbers from one to (in this case) 18. The result is the average of these rankings. N. Banerjee wondered if OTF is interested in a large number of proposals. G. Camoin explained that there should be enough proposals at OTF to provide a long planning until the end of the program to get more flexibility. N. Banerjee pointed on the problem that people get hope when their proposal is forwarded - this has to change. C. Mével explained that currently 11 proposals are forwarded and sent to the pool, they are not all implementing. G. Camoin pointed out, that even number one does not mean, that it will be drilled.

SPC Consensus 1003-17: SPC deactivates Proposal 556-Full4 Malvinas Confluence because it has ranked low in the last several SPC evaluations and realistically has little chance of being implemented within the current phase of the IODP.

JR FY10 Schedule

Expedition	Exp #	Dates	Total Days (port/at sea)	Co-chief Scientists
Shatsky Rise	324	4 Sept-4 Nov. 09	61 (5/56)	W. Sager T. Sano
Canterbury Basin	317	4 Nov. 09-4 Jan. 10	61 (5/56)	C. Fulthorpe K. Hoyanagi
Wilkes Land	318	4 Jan-9 March 10	64 (5/59)	C. Escutia H. Brinkhuis
Transit/Maintenance		9 March-5 July 10		
Juan de Fuca	327	5 July-4 Sept. 10	61 (5/56)	A. Fisher T. Tsuji
Cascadia CORK	328	4-18 Sept. 10	15 (5/10)	E. Davis
Transit		18 Sept.-8 Oct. 10	20 (2/18)	

JR FY11 Schedule

Expedition	Exp#	Dates	Total Days (port/at sea)	Co-chief Scientists
South Pacific Gyre	329	8 Oct.-12 Dec. 10	65 (4/61)	S. D'Hondt F. Inagaki
Louisville Seamount	330	12 Dec. 10-11 Feb. 11	61 (5/56)	A. Koppers T. Yamazaki
Transit		11 Feb.-15 March 11	32 (5/27)	
CRISP	TBD	15 March-16 April 11	32 (4/28)	P. Vannucchi K. Ujiie
Superfast	TBD	16 April-19 May 11	33 (2/31)	D. Teagle B. Ildefonse
Non-IODP		19 May-18 Sept 11		
Mid-Atlantic Mbio	TBD	18 Sept-mid-Nov		K. Edwards W. Bach

C. Mével pointed out, that the non-IODP work is necessary to bring money for running expeditions in FY12.

OTF Meeting Tokio

R. Stein reported on proposals sitting at OTF & SPC. Out of these proposals expeditions for the final phase of IODP have to be selected.

Proposals at OTF

Scheduled/maybe Scheduled Proposals

Them	Numbers	Tytle	Schedule	Ocean	P-type/IO	SSP	EPSP	Drilling	CORK	3rd-Party	Other
1	545-Full3	Juan de Fuca Flank Hydrogeology	FY10 Exp.327	Pac	RL	1A, 1B	approved		CORK		
3+1	734-APL	Cascadia Accretionary	FY10 Exp.328	Pac	RL	3A	No review		replace CORK		ED sea test
1	662-Full3	South Pacific Gyre Microbiology	FY11 Exp.329	Pac	RL	1Aa	all site approved				
3	636-Full3	Louisville Seamounts	FY11 Exp.330	Pac	RL	1Aa	all site approved			Goettinge nMM tool	
3	537A-Full5	Costa Rica Seismogen	FY11 (partial)	Pac	RL	1Bb	all sites approved		No CORK		
3	522-Full5	Superfast Spreading Crust	FY11	Pac	RL	1Aa	approved	Deep >2,000m			
1	677-Full	Mid-Atlantic Ridge Microbiology	FY11/12	Atl	RL	3A	No review		multilevel CORK		
1	601-Full3 Add2	Okinawa Trough Deep Biosphere	FY10	Pac	RL	No review	No review	special casing			
3	603C+D (partial)	NanTroSEIZE Stage 3	FY10+11 Exp.326	Pac	RL	2A,2B	approved				
3	738-APL	Nankai Trough Submarine	FY11	Pac	RL	1Aa	approved				* as APL by SPC
2	477-Full4	Ukrain Plio-Pleistocene		Pac	RL	1Ca	approved				Per. - Russian
1	505-Full5	Mariana Convergent Margin		Pac	RL	1Bc, 2Cc	no concerns	8 holes casing	3 CORKS		
3	537B-Full4	Costa Rica Seismogen		Pac	R	No review	No review	Riser 6,000m	CORK		
2	548-Full3	Chicxulub K-T Impact Crater		Atl	MSP	1Aa	Pre viewed				Permit?
2	549-Full6	Northern Arabian Sea Monsoon		Ind	RL	1A	approved				
3	551-Full	Hess Deep Plutonic Crust		Pac	RL	1Aa	No review No issue	Hardrock			
2	552-Full3	Bengal Fan		Ind	RL	1Aa	approved				
1	553-Full2	Cascadia Margin Hydrates		Pac	RL	1B, 1A	approved		ACORK		LD-DP for Log
2	581-Full2	Late Pleistocene Coralgal Banks		Atl	MSP	1A	No review	MDCB			Per. -MMS
2	605-Full2	Asian Monsoon		Pac	RL	1Aa	approved				Clearance
1	633-Full2	Costa Rica Mud Mounds		Pac	RL	1Aa, 1Bb	approved ROV		4 CORKs		
2	644-Full2	Mediterranean Outflow		Atl	RL	1Ba	No review				
3	659-Full	Newfoundland Rifted Margin		Atl	RL	1Aa	No review	Deep 2,120m			
2	661-Full2	Newfoundland Sediment Drifts		Atl	RL	1Bb, 2Ab	No review				
2	686-Full	Southern Alaska Margin 1		Pac	RL	1Ba,1Ca,	No review				
3	695-Full2	Izu-Bonin-Mariana Pre-Arc Crust		Pac	RL	1Ba	No review				
2	716-Full2	Hawaiian Drowned Reefs		Pac	MSP	1Aa	approved				Permit
2	724-Full	Gulf of Aden Faunal Evolution		Pac	RL	2Cc, 2Cb,	No review				Security
2	732-Full2	Antarctic Peninsula Sediment Drifts		South	RL	1Ba	No review	Non-mag			

Proposals at SPC (not forwarded to OTF yet):

Them	Numbers	Title	Ocean	P-type	SSP	EPSP	Drilling	CORK	3rd-Party	Other	SPC
1	555-Full3	Cretan Margin	Med	RL	3A	No review		CORK			
2	567-Full4	South Pacific Paleogene	Pac	RL	2Ad, 3A	No review				Long transit	
1	589-Full3	Gulf of Mexico Overpressures	Atl	RL	1A	tentative approved	Blue Unit	CORK		Shell loc. Mud	
2	618-Full3	East Asian Margin	Pac	RL+R	1Aa	Previewed				No Chikyu	Holding bin
1	637-Full2	New England Shelf Hydrogeology	Atl	MSP	2Cd, 3Bd	Previewed					Holding bin
3	669-Full3	Walvis Ridge Hotspot	Atl	RL	N/A	No review				GHMT	
2	672-Full3	Baltic Sea Basin Paleoenvironment	Atl	MSP	1Ba	No review					
3	681-Full2	Lesser Antilles Volcanic	Atl	RL	2Ab, 2Ac	No review					Holding bin
3	697-Full3	Izu-Bonin-Mariana Reararc Crust	Pac	RL	1Bb	No review	Deep? 1,900m				
3	703-Full	Costa Rica SeisCORK	Pac	RL	N/A	No review		Seis-CORK			
2	705-Full2	Santa Barbara Basin C-Change	Pac	RL+R	1Ab, 1Ac	Previewed					Holding bin

This is still under discussion at SPC/OTF level.

Potential MSP Proposals (FY11-13)

R. Stein presented potential MSP proposals for the final phase of the program. Six Proposals are at SPC/OTF level with different options. This is still under discussion.

716 Hawaiian Drowned Reefs

Scoping begun. ESO visited the local Hawaiian authorities on 3-4 March to investigate the permitting process, currently assumed target in FY11 APP

548 Chixculub K-T Impact Crater

Forwarded to OTF in March 2010

581 Late Pleistocene Coralgall Banks

Forwarded to OTF in March 2010

637 New England Hydrogeology

Currently in 'holding bin' awaiting site survey

672 Baltic Sea Basin Paleoenvironment

Sitting at SPC, candidate to be forwarded to OTF in March 2011

748 Nice Airport Landslide

Sitting at SSEP, candidate to be forwarded to SPC-OTF in March 2011

	Option L	Option M	Option N
FY11	Hawaii	Hazard site survey for Chixculub	Coralgal Banks
FY12	Hazard site survey for Chixculub	Chixculub	Hazard site survey for Chixculub
FY13	Chixculub OR Coralgal Banks OR Other	Hawaii OR Coralgal Banks OR Other	Chixculub OR Hawaii OR Other

	Option L	Option M	Option N
Pros	<ul style="list-style-type: none"> · Ambitious end to program if Chixculub in FY13 	<ul style="list-style-type: none"> · Will allow time for MSP funds to build for FY12 Expedition <ul style="list-style-type: none"> · Leaves choice of Expeditions (of varying expense) for FY13 · More time to explore coring method, inc. seabed drills, for Hawaii if chosen for FY13 	<ul style="list-style-type: none"> · May be cheapest option by committing to Coralgal Banks
Cons	<ul style="list-style-type: none"> · Not much time for appraisal of coring technique in light of GBR if Hawaii done in FY11 <ul style="list-style-type: none"> · Possibly too expensive to do both Hawaii and then Chixculub in FY13 (decision needed in FY11 for hazard survey) 	<ul style="list-style-type: none"> · No flexibility if platform unavailable in FY12 	<ul style="list-style-type: none"> · May be least ambitious option by committing to Coralgal Banks

CEDEX Operation Plan FY10-11

R. Stein reported about the CEDEX Operation Plan FY10-11
CEDEX has three programs: NantroSEIZE, Okinawa and Shimokita.

R. Stein explained that it is quite complicate for CEDEX. E.g. NanTroSEIZE is split into two blocks in FY10, only one block in FY11. Shimokita as a “Complementary Project Proposal (CCP)”, has still to go through the system.

C. Mével explained that this is the possibility for CEDEX to use the Chikyu outside IODP - instead of receiving money for the Chikyu, they receive money for the project. G. Camoin underlined, that 70% of the money has to come from outside IODP.

Joint IODP/ICDP Program Planning Group- climates & human evolution

R. Stein reported about the National Academies Report “Understanding Climate´s influence on Human Evolution”.

SPC Consensus 1003-07: SPC recognizes the high scientific value and widespread societal interest in understanding how—or whether—climate influenced the early stages of human evolution on the African continent. Addressing this issue requires a much more detailed understanding of the regional and local climates in which hominids and hominins evolved, and this understanding will require a coherent and integrated approach to recovering detailed climate records from terrestrial (former lake) sequences, from present day lakes in Africa, and from the ocean basins surrounding Africa. SPC invites the ICDP community to join with the IODP community to establish a Joint Program Planning Group charged to plan an integrated onshore, lake, and ocean drilling program that would dramatically enhance scientific understanding of how past climates may have influenced the early stages of our evolution.

Result of the discussion about the Joint IODP/ICDP Program Planning Group- climates & human evolution of the Workshop, communication and vision Subcommittee resulted in:

ESSAC Consensus 1005-14: ESSAC agreed to a list of possible candidates for the Joint IODP/ICDP Program Planning Group- climates & human evolution:
Dave Hodell, Stefan Mulitza, Mark Masslen, Lucas Laurens, Jaap S Sinninghe Damste, Lydie Dupont, Mauro Cremaschi

Further information is given in the draft Minutes of the SPC meeting:
http://www.iodp.org/index.php?option=com_docman&task=doc_download&gid=2960.

2.5. Science Plan Writing Committee - SPWC

G. Camoin reported about the Science Plan Writing Committee.

The timeline to prepare the new drilling program started with INVEST to work on the new science plan. The first meeting took place in February 2010, with expectation to deliver the first plan in June 2010. Second meeting in May 2010 where the draft version was prepared. The 3rd and last meeting will be in October 2010 to rework and incorporate comments. The science writer will edit the final version end of year 2010 or beginning 2011.

SASEC and IWG+ chose the people of the committee:

Members of SPWC:

Arculus Richard	Australia	ANU-Canberra
Barrett Peter	New Zealand	VU-Wellington
Bickle Mike (C)	ECORD-UK	Cambridge Univ.
Camoin Gilbert	ECORD-F	CEREGE Aix-en-Provence
DeConto Rob	USA	Univ. of Massachusetts
Edwards Katrina	USA	USC-Los Angeles
Fisher Andy	USA	UC-SantaCruz
Inagaki Fumio	Japan	JAMSTEC
Kodaira Shuichi	Japan	JAMSTEC
Ohkouchi Naohiko	Japan	JAMSTEC
Pälike Heiko	ECORD-UK	NOC, Southampton
Ravelo Christina	USA	UC-Santa Cruz
Saffer Demian	USA	Pennsylvania State Uni.
Teagle Damon	ECORD-UK	NOC, Southampton

The Science Case For Ocean Drilling 2013 - 2023

The IODP2* is needed to answer questions of fundamental scientific significance and urgent questions as to how society should manage the global environment, resources and major geological hazards.

Vision: to deliver the Earth and Life Sciences discoveries needed to meet the challenges society faces as stewards of our changing planet.

Mission:

- 1) to employ ocean drilling and monitoring technology required to obtain unique insight to understand and predict Earth's dynamic system and its impacts;
- 2) to inspire and train the next generation of geoscientists;
- 3) to communicate our scientific discoveries to the public and to decision makers.

Frontiers:

- Climate and Ocean Changes: Reading the Past, Informing the Future
- Deep Life
- Renewing the Lithosphere: Consequences for our Planet
- Earth in Motion: Crustal Dynamics, Fluid Flow, and Active Experimentation

Climate and Ocean Changes: Reading the Past, Informing the Future

- Role of Polar Ice Sheets in Past and Future Sea-Level Change
- Determining Climate Sensitivity
- Ocean acidification and the Carbon Cycle
- Regional Climate Variability and the Hydrologic Cycle
 - Boxes:
 - Model-Data Integration
 - Arctic and Antarctic Drilling
 - Human Evolution and Climate Change
 - Transformative New Proxy Developments
- Past Ocean Drilling Data

Deep life

- Extent and Dispersal of Deep Life: Biomes, Connectivity, and Ecology
- Survival and Evolution Under Stress
- Biogeochemical Impacts
 - Boxes:
 - Historical Perspective on Subseafloor Microbial Life
- The ODP Leg 201: Deep-biosphere Initiative
- Life at the Fringe
- Translations from Darwin - the Earth as a Natural Laboratory for Studies of Microbial Evolution

- Genomic Analysis of Environmental Samples: New Lenses to Evolutionary Processes
 - Frontiers in Subseafloor Microbiology

Renewing the Lithosphere: Consequences for our Planet

- Creation of the Oceanic Lithosphere
 - Mission to the Mantle
 - Serpentinite
- Solid Earth Regulation of Surficial Environments
 - Mission to Deep Arc Crust - Formation of the Continental Crust - “the Andesite Problem”
- Consumption and Re-construction in Arcs
 - Subduction initiation
- 4-D Evolution of Arcs

Earth in Motion: Crustal Dynamics, Fluid Flow, and Active Experimentation

- The Solid Earth in Motion: Earthquakes, Landslides, and Tsunamis
- Fluids in Motion: Agents of Mechanical, Thermal, Chemical, and Biological change
- Establishing a Continued Presence within the Subseafloor Realm
 - Boxes:
 - Borehole Experiments
 - The Spectrum of Seismicity and Fault Slip Phenomena
 - A “Stethoscope” on Earthquake Faults

Additional items

- Education and Public Awareness, Capacity Building
- Links and Partnerships
- Implementation and Program Management

C. Escutia pointed out that one of the main statements is the social relevance. She mentioned that this is not real visible since e.g. “hazards” are in the underpoint of Earth in Motion. G. Camoin explained that this is just a general introduction of a few pages. He stressed that the social relevance will be included: the final version for funding agencies will be lighter, shorter and more precise. C. Mével asked about the topic of “resources” that is not mentioned at all in this draft general introduction. G. Camoin suggested adding it as a box. C. Mével wondered that this topic was not included in IODP. She suggested to develop proposals on this theme together with industry. N. Koc underlined that this topic is urgently needed. R. Stein pointed out that ESSAC may contact PIs that there is something missing in the preliminary science plan.

3. ECORD News

3.1 EMA – ECORD Council meeting

C. Mével presented the ECORD Council report.

From April 1st 2010, new chair is: Guido Lüniger, Germany
 new vice-chair is: Mireille Perrin, France
 Last ECORD Council meeting: Rome, 25-26/11/2009
 Next meeting: Berlin, 2-3/6/2010

ECORD Council endorsed all ESSAC SAS panel nominations.
 C. Mével presented budget tables of FY10 and FY11.

The ECORD Council passed the following actions concerning the problem with nominating an Italian co-chief (PI of the proposal):

ECORD Council motion 09-02-8: ECORD Council recognizes the scientific benefit of having the P.I. of the proposal as a co-chief. Therefore ECORD Council supports the nomination of Paola Vannucchi as co-chief for CRISPA, although Italy is currently significantly over quota.

M-S. Seidenkrantz moved, A. de Vernal seconded, all in favour with one abstention (N. Wardell).

After considering the global financial situation of ECORD, the Council adopted ESO’s guidance to conduct two more MSPs expeditions before the end of the programme. The following motion was passed:

ECORD Council motion 09-02-7: ECORD Council reaffirms its aim to implement two MSP expeditions after the GBREC and before the end of the programme. In FY10 and FY11, ECORD Council will favour contribution to the Platform Operation Costs over the payment of the Science Operation Costs to IODP.

A. de Vernal moved, K. Verbruggen seconded, all in favour.

Magellan workshop series

The programme ends in 2010

ECORD Council consensus 09-02-1: ECORD Council considers that the Magellan workshop series has been very successful in building the ocean drilling scientific community at the ECORD level and developing drilling proposals.

ECORD asks to be more visible in this program by asking ESF to use the ECORD logo on all related documents.

ECORD Council tasks EMA and the ECORD Executive to investigate with ESF how this program could be extended to facilitate the development of new proposals for the next phase of ocean drilling.

Meeting of the steering committee next August

Assessment of the efficiency: how many workshops resulted in proposal submission?

ESF programme, but funded at the national level

ECORD member countries provides money to ESF which runs the programme

Lobby for funding agency to make sure to continue participating!

Not all ECORD member countries support Magellan...

ECORD ILP

UK ILP extended to all ECORD countries

Sasha Leigh, NERC

First meeting in the fall of 2009

Proposed to focus on the Arctic

ECORD Council motion 09-02-5

ECORD Council thanks S. Leigh for initiating the ECORD ILP. ECORD Council encourages her to focus the work of the panel on the Arctic Ocean.

K. Verbruggen moved, A. de Vernal seconded, all in favour with one abstention (S. Leigh).

Dayton Dove (UK IODP coordinator) is preparing a brochure to distribute to industry and generate interest for joint Arctic projects Workshop in the fall (not yet scheduled)

Aurora Borealis

EC funded project ERICON - preparatory phase

Discussion of the frame of using The AB as an MSP:

ECORD Consensus 09-02-5: "ECORD recognize the importance of access to Arctic seafloor drilling capabilities and that the Aurora Borealis enhances access to the Arctic Ocean for scientific studies.

Within IODP, ECORD provide Mission Specific Platforms (MSP) for seafloor drilling in various areas, including the Arctic. If built, the Aurora Borealis will be a very interesting MSP option for drilling in ice-covered area. Given a shown long-term interest from the scientific community and depending on the financial circumstances ECORD could consider a longer-term contribution to the operation of the Aurora Borealis. Any future ECORD engagement in the Aurora Borealis will be in line with the IODP program concept, i.e. projects to be supported are selected through peer-review and equal access for all partners in the program.

ECORD will continue to share its experiences in sea floor drilling and assist in the development of the Aurora Borealis concept as partner in ERICON during the ESFRI Preparatory Phase".

Future of ocean drilling: Next phase, post 2013

The ECORD member countries want to continue as a consortium and want to continue providing MSPs

1 MSP operation per year

All ECORD member countries have already stated that they will not increase their financial contribution

ECORD will be encouraging joint, co-funded MSP projects

Other agencies, EC, industry....

The decision to continue will be made at the national level

At the international level

ECORD is actively involved in IWG+

Consulted for the composition of the SPWC

ECORD Council consensus 09-02-2

ECORD Council supports the proposed composition of the Science Plan Writing Committee and the proposed Chair. ECORD is pleased that this composition is oriented towards climate, fluids and the deep biosphere. However ECORD Council asks that in the science plan, topics such as geodynamics, natural resources and geohazards are also given due emphasis.

Meeting with NSF and MEXT

Tokyo, March 2010

ECORD representation: C. Mével, G. Lüniger, M. Webb

Discussions afterwards

Main issue: status of ECORD in the new program

1 MSP expedition per year

10 M\$ to the commingled funds to help support Chikyu operations

We cannot accommodate both with our budget

Negotiate our rights

At the ECORD level

ECORD Council consensus 09-02-3

ECORD Council recognizes the need for an independent evaluation of the ECORD scientific achievements using ocean drilling and of future prospects in a new programme of sub seafloor exploration.

ECORD Council motion 09-02-10

ECORD member countries willing to continue to participate in ocean drilling activities within the new programme are invited to sign an expression of interest, before the end of 2011. Signing members will constitute the programme planning committee.

M. Friberg moved, S. Leigh seconded, all in favour.

ECORD will have to revisit the MoU

ECORD Managing Agency

ECORD Science Operator

ACTION ECORD Chair: To ask BGS and INSU-CNRS if they are willing to continue managing ESO and EMA respectively within the new phase of the drilling programme.

This will be a piece of information to make a decision for the new phase

DS3F (Deep Sea and Sub Seafloor Frontier)

lead by Achim Kopf

For a better integration of drilling with other initiatives that address deep seafloor processes

1 M€ over 2.5 years

Important to increase our visibility with respect to the EC

However, money only to support workshops and develop a road map

Should help promoting the DSF concept for more substantial funding under FP8.....

Achim has been asked to present DS3F at the Eurocean conference in Oostende, Oct 12-13

The decision of the ECORD funding agencies will rely

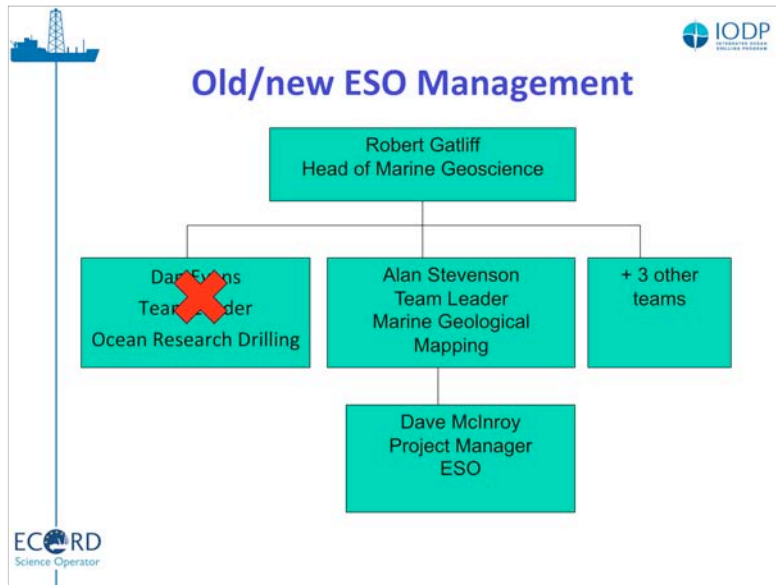
- on the new science and implementation plan
- on the evaluation of the accomplishments
- on the program architecture
- on the pressure from the community

It is your role to promote ocean drilling!

C. Mével pointed out that the ESSAC Letter for continuation of IODP is good to promote ocean drilling. R. Stein confirmed that ESSAC Office already had distributed the letter.

3.2 ESO

A. Stevenson reported about ESO.



New Jersey Onshore Science Party

- Held between November 6 and December 4 2009.
- 'Cored dateable, nearly continuous deposits of the right age to compare to a sea-level proxy' (see ECORD Newsletter 14)
- Preliminary results presented at EGU Vienna and other conferences in US, Japan, Germany

IODP Expedition 325 Great Barrier Reef Environmental Changes

Townsville - Townsville, 11 February - 6 April 2010

Name	Expertise	Country	Name	Expertise	Country
Jody M. Webster	Co-chief Scientist	Australia	Hongchen Jiang	Microbiology	China
Yusuke Yokoyama	Co-chief Scientist	Japan	Luigi Jovane	Palaeomagnetism	USA
Raphaël Bourillot	Sedimentologist	France	Hironobu Kan	Sedimentologist	Japan
Juan C. Braga	Coraline specialist	Spain	Braddock K. Linsley	Paleoclimate	USA
Andre W. Droxler	Sedimentologist	USA	Didier Loggia	Physical properties	France
Tezer Esat	Dating	Australia	Heath Mills	Microbiology	USA
Thomas Felis	Paleoclimate	Germany	Donald C. Potts	Coral specialist	USA
Kazuhiko Fujita	Foraminifera	Japan	Claire Seard	Sedimentologist	France
Michael K. Gagan	Paleoclimate	Australia	Atsushi Suzuki	Paleoclimate	Japan
Eberhard Gischler	Sedimentologist	Germany	Alex Thomas	Dating	UK
Emilio Herrero-Bervera	Palaeomagnetism	USA	William G. Thompson	Dating	USA
Marc Humblet	Coral specialist	Japan	Manish Tiwari	Paleoclimate	India
Mayuri Inoue	Paleoclimate	Japan	Alexander Tudhope	Paleoclimate	UK
Yasufumi Iryu	Coraline specialist	Japan			

Expedition Aim:

To recover cores of ancient coral reef material that contains records of past sea level and climate change

Expedition Statistics	
Number of sites	29
Number of holes	34

Number of cores	420
Drilled length	759.34 m
Recovered length	225.22 m
Average core recovery	30 %
Duration	55 days
Deepest penetration	46.4 mbsf
Number of holes logged	4

Integrated Ocean Drilling Program (IODP) proposal #519: The last deglacial sea level rise in the South Pacific: offshore drilling in Tahiti and the Australian Great Barrier Reef (G Camoin, E Bard, B Hamelin & PJ Davies)

Scientific objectives:

- Establish the course of sea-level rise during the last deglaciation (~20,000-10,000 years ago).
- Reconstruct the nature and magnitude of seasonal to millennial scale climate variability (i.e. sea surface temperature and salinity).
- Determine the biologic and geologic response of the Great Barrier Reef to abrupt sea level and climate.

Relevance of Expedition 325

- To make accurate predictions about future sea level and climate change, archives from the past must be considered.
- Directly test how the GBR has responded to past:
 - Rising sea levels (eg. meltwater pulses)
 - Changing SST's-·Changing sediment input
 - Changing ocean chemistry (eg. pH)
 - Provide information on coral growth rates, community composition, rates of community change, geometry and morphology etc.
- Establish critical “environmental thresholds” at which coral reefs die and are able to re-establish themselves.

Next: Onshore Science Party at the IODP Bremen Core Repository

Great Barrier Reef Outreach

- Close collaboration with GBRMPA and ANU,
- Press Conference in Townsville on February 11,
- TV,
- Radio,
- Press including ABC,
- Press Release,
- ESO Facebook,
- ESO Twitter,
- Logbook featured by Deutsche Welle,
- Poster at Reef HQ,
- BBC Science on-line,
- BBC Radio Five

Hawaiian Drowned Reefs – scoping visit

- Dave McInroy and Alan Stevenson visited Honolulu on March 2-6 2010
- Met with Hawaiian Department of Land and Natural Resources and Fisheries Department.
- No problem foreseen with permitting process although at later stage there could be a public hearing.

3.3 ESO-EMA-ESSAC Meeting

P. Maruéjol reported about the ECORD Outreach Activities from Dec. 2009 to May 2010.

Outreach Activities from Dec. 2009 to May 2010

- Providing ECORD/IODP information to a wider audience:
 - Supporting national initiatives:
 - Museum-House of Science, Bremen, Aug to Nov 09 - A. Gerdes
 - Ciencia Viva - IODP-Portugal, Nov. 2009 - A. Voelker
 - Core replicas also used for educational purpose:
 - High-school project on paleoclimate research, Jan 10 - J. Gottschalk (master-level of Bremen U)
 - Oceanography class at Skidmore College (NY), Jan 10 - A. Frappier.
 - International Conferences:
 - Arctic Climate-COP15 Copenhagen, M.S. Seidenkrantz
 - AGU 2009
 - EGU 2010: Joint IODP-ICDP activities coordinated by ECORD
 - GeoCanada -IODP Canada, May 2010, H.Gaonac'h
 - JPGU 2010 - CDEX-IODP-MI, 23-28 May
- <http://www.ecord.org/pi/promo.html>

EGU 2010 - Joint ECORD-IODP-ICDP

EGU 2010: "10,463 scientists (27% students) from 94 countries"

- Joint IODP-ICDP Booth coordinated by ECORD:
 - 2-6 May 2010 (Mo to Thu)
 - L-shape booth # 55-57-58, 18 sqm, 7 wall posters
 - CoreWall demonstrations given by ICDP
 - Model of the L/B Kayd (50 x 35 x 35cm)
 - IODP videos (2009)
 - Publications: NL#14, SD#9, Chikyu Hakken
- Joint IODP-ICDP Townhall Meeting:
 - > about 200 attendees
- IODP media conferences: webcast at <http://www.egu-media.net>
<http://www.ecord.org/pi/egu2010>

ECORD Publications

- ECORD Newsletter #14
 - Released at EGU 2010, distributed to ECORD delegates/alternates
 - Regular Topics: ·News from the Council, ESO, EMA ·ESSAC and the Outreach group
 - Reports of Magellan series ·A Letter from Spain
 - Special topics: ·IWG+ (C. Mével) ·DLP 2009-10 report (P. Clift) ·EPC's achievements in IODP (S. Davies) ·Relocation of IODP-MI Office (K. Suyehiro)
 - Next issue: ECORD Newsletter #15
 - To be released on late October - early November 201
 - Suggestions: Report on SPWC, Aurora Borealis...
 - Contents will be detailed at the next ECORD Outreach meeting late August in Bremerhaven.
 - Call for contributions - to be issued on September 1
 - Authors' deadline: October 8, 2010
- ECORD Pocket Folder
 - Informative brochure including 8 leaflets:
 - ECORD/IODP, ESO, ESSAC, EPC and BCR
 - ACEX, Tahiti, NJSS
 - Set up with active contribution from ECORD representatives and co-chiefs scientists/scientists.
 - Updates/additions:
 - NJSS after the IODP Proceedings is released
 - GBREC after the OSP.

EMA-ESO-ESSAC Outreach

Next meeting:

August 25-26, 2010, Bremerhaven, Germany

3.4 ESSAC representatives and National Office reports

ESSAC delegates/representatives reported about their activities in their countries.

Switzerland: S. Jaccard summarized the Swiss activities:

- participation to IODP expeditions (2009): Natalia Efimenko (Uni Lausanne) participated in the Nankai Expedition; Gretta Bartoli (ETH Zurich) was present onboard the JR for the Bering Sea Expedition.
- Onshore research is ongoing, which is the main outcome on the scientific side.
- proposal: Gretchen Bernasconi-Green (ETH Zurich) and co-proponents have resubmitted a revised version of their proposal (758-Full2 - Atlantis Massif) to IODP on 1. April. SSP reviewed the first version last January and are requesting more site survey data.
- funding: swiss participation is basically secured until 2013. Awaiting further input from the community regarding post-2013 participation.
- looking forward to hosting the next ESSAC meeting in Zurich late October!

Austria: W. Piller mentioned the report for the National Science Foundation Austria - they will be able to support IODP for the next period, although no Austrian scientist was participating. The president of the National Science Foundation was very sure of

the importance of being part of ECORD. Austria is active in looking for possible candidates, who may apply to participate in a future cruise.

Portugal: F. Abrantes gave an overview of the Portuguese activities from September 2009 until May 2010:

- Portuguese Scientist sailed on the Bering Sea Leg 323;
- Participation on the closing event of the Year of the Planet Earth in Lisbon, with a booth and the presentation of two talks, one by the teacher and another one by the Portuguese participant on the Bering Sea Leg;
- Preparation and submission of an APL for GUCADRIL (sent to OTF);
- Organized the Magellan Workshop on the Iberian Margin
- Publish a short article on Scientific Drilling and also a notice on the ECORD newsletter
- Preparation and submission of two new proposals within the Environment theme
- One more proposal in prep to do a cork site at least on the fault believed to be in the origin of the major 1755 Lisbon earthquake and tsunami;
- Regarding funding, a memorandum to support the increase of the Portuguese contribution has been submitted.

Denmark: M. Seidenkrantz summarized the Danish activities:

- Decision on funding probably is taken for one year at a time in the early part of that year. Any funding after 2013 is unknown but may become more and more difficult as fundings of the research council decreased (there has been a drop in funding by 20% within the last 5 years and further cuts may be expected; presently there is an about 10% success-rate on research applications). The possibility of funding after 2013 will to a large extend depend on strong support by the scientific community - and only if the best Danish scientists support the programme.
- Denmark is not (yet?) a member of ICDP.

Netherlands: L. Lourens reported about the Dutch activities:

- the Netherlands had two berths on Wilkes Land Expedition (318), and one berth on PEAT (321).
- The IODP-NL website has been updated.
- A new version of the North-Sea proposal has been prepared.

Finland: K. Strand reported about the Finnish activities:

- The Finnish participant of New Jersey Expedition is now working on the samples.
- One Finnish NanTroSEIZE applicant has moved to Australia.
- The national support group meeting is thinking about how to activate the Finnish community to be more active.

Belgium: A. Foubert reported about the Belgian problems with funding and motivation of young scientists. She mentioned the Ocean School 010 workshop in Oostende (presentation by R. Stein).

Spain: C. Escutia summarized the Spanish activities:

- Change of Spanish delegates: C. Escutia replaces M. Comas, who was sorry not to say a proper good-bye to ESSAC.
- New Spanish alternate is Cesar Ranero.
- Large number of Spanish participants: GBR (1), Wilkes Land (2 spanish, 1 as japanese, now back in Spain).
- The Spanish IODP community is preparing documents to be submitted to the Spanish Ministry: Wilkes Land flyer, short statistics (about activity and interest).

Norway: N. Koc reported on the Norwegian participation in Expeditions: one berth for Wilkes Land, one berth for South Pacific Gyre. The new representative of the Norwegian Research Council is not interested in funding the national office anymore.

C. Mével offered to talk to the new representative. N. Koc explained that the problem lies above him at the program director.

Ireland: X. Montey highlights Irish activities:

- Irish applicant to sail on South Pacific Gyre Expedition.
- Competition of a PhD thesis about Expedition 307.
- National conference on geoscience will take place to promote the role of ECORD.

Germany: J. Erbacher reported on the German activities:

- A research funding project related to IODP/ICDP gets funded with 2.5 million Euros.
- The joint IODP/ICDP Germany meeting took place in Frankfurt with 220 people. Next national meeting will be in Muenster 2011.
- A working group that advises the German Research Foundation DFG met in Jena - planning preparation letter to support for post 2013 to point out what they would like to see in the new program.
- Information about GESEP (German Scientific Earth Probing Consortium): Bremen for marine cores, new core repository will be build 2011 in Berlin.
- “visional program letter” about merging IODP and ICDP together

Italy: P. Tartarotti reported about the Italian funding problem. E. Erba had a meeting with the secretary of ministry to make an effort to find money for next year. The government declared to cut fund about 10% of every ministries fundings.

Italian activities:

- Collect signatures (Geoitalia, movies, core replicas → signatures).
- Start to coordinate a consortium of the universities.
- Waiting for administration staff.
- Italian newsletter.
- The Geoitalia meeting will take place in September 2011.
- IODP Italy website is still under construction.
- Isabella Premoli Silva retired

France: G. Camoin summarized the French activities:

- France is now an ICDP member. Reorganizing to merge IODP and ICDP for the French Council.
- The French Newsletter is distributed via Email.
- New French science coordinator to help B. Ildefonse at the national office.
- There will be an IODP/ICDP session at next annual meeting of Earth Sciences in October 2010.
- A Magellan workshop about drilling in the Mediterranean will be held in October 2010.
- Two Magellan workshops related to IODP/ICDP took place last year (Pliocene Climate)/at EGU (Volcanic basins).
- S. Berné will replace G. Camoin as new French delegate at ESSAC.

UK: R. James reported about the British activities:

- The national UK-IODP meeting was held in March. The meeting focused on pulling together the information required to submit an application for renewal to the UK national funding body.
- One thing that has emerged from the information gathered to date, is that IODP has huge impact compared to other research programs: in terms of high-profile

publications, training of students and postdocs, technological development, and societal relevance.

- last funding round for IODP proposals within current phase of IODP: received 40 applications

Sweden: I. Snowball reported about Swedish activities:

- One participant as onshore based scientist for New Jersey
- Activities related to the Baltic proposal,
- Arctic gateway proposal,
- Pre-proposal on Cenozoic tree-rings
- The Swedish research council received a summary report about last 3 years.

Canada: N. Banerjee was happy to announce that IODP Canada received four years of funding (until end of 2013) with a raised annual contribution to ECORD from 300000 to 500000 €. He hopes this will change the overquota situation. They are active trying to engage the government, but after 2013 Canada will probably not support with the same amount.

- Canada is active in participation and proposals-
- 24 students signed for the Canadian summer school.
- Successful outreach activity with the booth at Geocanada (Calgary).
- Approached to join APIC (Asia-Pacific-IODP-Consortium - Canada was member 1988-2003); Canada is very happy to be part of ECORD, but there are still ongoing discussions.
- M. Enachescu resigned from EPSP.

4. Election of the new vice-chair

R. Stein remembered that a vice-Chair should be elected from among ESSAC members and approved by the ECORD Council. The incoming Chair would serve one year as (incoming) vice-Chair followed by two years as Chair and then would rotate off as (outgoing) vice-Chair during the fourth year. The incoming vice-Chair should be nominated by October 1st 2010.

Proposed procedure:

- * Election of incoming vice-Chair from among ESSAC members at 14th ESSAC May 2010 Meeting (candidate has to be ESSAC member at that Meeting)
- * Approval by ECORD Council at June 2010 Meeting
- * Start on October 2010

As informally discussed during ESSAC#12 in Sesimbra and ESSAC#13 in Oulu, ESSAC members could propose a person. Suggestions resulted in proposition of C. Escutia, Spain. No other nominations were requested.

ESSAC Motion 1005-01: ESSAC nominates Carlota Escutia Dotti (Spain) as incoming vice-chair; term will start on October 01, 2010.

Camoin moved; Abrantes seconded; 15 of 16 in favour; 1 abstained (Escutia)

With this, the ESSAC Office will move to Granada/Spain on October 01, 2011, and Carlota Escutia will become the new ESSAC Chair.

5. Nominations and Staffing

5.1.2 Expeditions

R. Stein gave an update about updates on expedition staffing of following expeditions: - Juan de Fuca (327), - Cascadia CORK (328), South Pacific Gyre (329), Louisville (330) and NanTroSEIZE (326). He also gave an overview about Quotas and nominations of ECORD co-chiefs.

The IOs have finished the staffing for none of these expeditions yet. R. Stein presented priority list of ECORD applicants, created out of ESSAC rankings and a discussion by the ESSAC Nomination & Staffing Subcommittee.

JR Expeditions:

#327 Juan de Fuca

ESSAC nominations Juan de Fuca (327)					
PRIORITY LIST	Candidate		C	Expertise	
(1) Scientists					
3 stars	Bour	Olivier	F	Hydrologist, Logging Scientist, Structural Geologist	Professor
3 stars	Harris	Michelle	UK	Petrologist Metamorphic Petrologist	Graduate Student
3 stars	Orcutt	Beth	DK	Microbiology, Inorganic Geochemistry, Organic Geochemistry	Adjunct Assistant Prof
2 stars	Rutter	Jennifer	UK	Inorganic Geochemist Petrologist	Graduate Student
(2) Engineers					
2 stars	Woerther	Patrice	F		Engineer
2 stars	Morvan	Sylvain	F		Engineer
(3) Teachers					
	Thieberge	Brigitte	F	science and biology teacher	Teacher

Alternate for UK candidate (J. Rutter)					
2 stars	Smith-Duque	Christopher	UK	Petrologist Metamorphic Petrologist	PhD
Alternate for Thieberge (F)					
	Gautier	Jean Marie	F	professor of biology and geology	Teacher

invited	declined				

329 - South Pacific Gyre

ESSAC nominations					
South Pacific Gyre					
Ranking results	Candidate		C	Expertise	
Priority List					
3	Ferdelman	Timothy	D	Inorganic Geochemist	PhD
3	Kallmeyer	Jens	D	Biologist Microbiologist Inorganic Geochemist Organic Geochemist	PhD, Research Group Leader
2,9	Alain	Karine	F	Microbiologist	PhD, research scientist CNRS
2,9	Gribsholt	Britta	DK	Microbiologist Inorganic Geochemist Organic Geochemist	PhD, Associate Professor
2,8	Steinsbu	Björn Olav	N	Microbiologist/cultivation	PhD student
2,8	Wade	Bridget	UK	Sedimentologist Paleontologist (Foraminifer-Benthic)	PhD, NERC Advanced Research Fellow
2,7	Bach	Wolfgang	D	Inorganic Geochemist Petrologist Metamorphic Petrologist	PhD
2,7	Toffin	Laurent	F	Microbiologist	PhD
Reserve list					
2,5	Engelhardt	Tim	D	Microbiologist/cultivation	PhD student
2,4	Smith-Duque	Christopher	UK	Petrologist Metamorphic Petrologist	PhD
2,2	Szpak	Michal	IRL	Inorganic Geochemist Organic Geochemist	PhD Candidate
1,1	Harris	Michelle	UK	Petrologist Metamorphic Petrologist	Graduate Student
1,5	Adhikari	Rishi Ram	D	Microbiologist Inorganic Geochemist Organic Geochemist	PhD Student
1,5	Pasini	Valerio	F	Microbiologist Geophysicist Structural Geologist	PhD student
1,2	Pandey	Sanjay Kumar	D	Inorganic Geochemist	PhD
declined	invited and accepted				
	invited for Juan de Fuca				

Late replacements for a sedimentologist, org. geochemist, petrologist or phys. props.
→ 2 more ECORD (UK/F) scientists perhaps possible.

Discussions within the ESSAC Nominations & Staffing Subcommittee resulted in:

ESSAC Consensus 1005-02: ESSAC approves the late nominations for South Pacific Gyre Expedition: 1st priority: Nathalie Dubois (UK), alternates: Cecily Chung (UK), Victoria Rennie (UK).

#330 Louisville

ESSAC nominations					
Louisville					
Ranking results	Candidate		C	Expertise	
Priority list					
3,0	Fitton	Godfrey	UK	Petrologist	PhD, Professor
3,0	Thordarson	Thorvaldur	UK	Petrologist Sedimentologist Stratigraphic Correlator	PhD, Reader in Volcanolog
3,0	Weis	Dominique	CDN	Geochemist	PhD, Professor
2,9	Beier	Christoph	D	Inorganic Geochemist Petrologist	PhD
2,7	O'Connor	John	D	Petrologist	PhD
2,7	Pressling	Nicola	UK	Palaeomagnetist	PhD
2,3	Hamelin	Cedric	F	Inorganic Geochemist Petrologist	PhD
2,2	Drouin	Marion	F	Inorganic Geochemist Petrologist Metamorphic Petrologist	PhD
reserve list					
2,1	Granot	Roi	F	Paleomagnetist	PhD
2,0	Kalnins	Lara	UK	Geophysicist Physical Properties Specialist	graduate student
1,9	Rausch	Svenja	D	Inorganic Geochemist Petrologist	Dipl. Geow., graduate stu
1,9	Williams	Rebecca	UK	Petrologist	Graduate Student
1,8	Maicher	Doris	D	Logging Scientist Petrologist	PhD, Cruise coordination
1,6	Janin	Myriam	F	Inorganic Geochemist Petrologist	PhD student
1,6	Rutter	Jennifer	UK	Inorganic Geochemist Petrologist	Graduate Student
1,5	Ramalho	Ricardo	UK	origin and evolution of Ocean Island Volcanoes	PhD (thesis submitted; vi
1,2	Pandey	Sanjay Kumar	D	Inorganic Geochemist	PhD
1,0	Koch	Michael	D	Inorganic Geochemist Petrologist Metamorphic Petrologist	Graduate Student
	declined	invited			

It has been asked about the possibility that a candidate can apply for two expeditions more or less following each other. G. Camoin mentioned that participating in both expeditions should not be any problem. R. Stein agreed and pointed out that he has done this during ODP times. There was a general agreement on this.

N. Koc complained about that excellent scientists are not able to go on a cruise, and on the other hand countries, where national agencies do not pay, are still receiving berths. N. Banerjee mentioned that the national funding agencies of Canada increased the financial support by 0.2 M\$ - without the possibility to send people to sail, they would not have done this. J. Erbacher argued that this has to be discussed for the future, because the current situation is not the problem. The funding agencies will understand the current situation, but not that the angel gets wider (plus becomes even more plus, minus becomes more minus). N. Koc wanted to encourage other countries to pay more. It is not the problem that Norway has a huge minus and pays much and does not receive that much. C. Ecutia wanted to use the Spanish plus in the quota to explain the ministry to pay more, because there is huge interest in Spain for the program. N. Koc pointed on a possible generation problem, that young scientists in Norway are too "lazy" to go on a cruise.

Upcoming expeditions:

R. Stein reminded of three open calls for JR Expeditions: CRISP; Superfast, Mid-Atlantic Microbiology - all with deadline May15, 2010

Chikyu Expeditions:

R. Stein reminded of three open calls:

*Exp. 331: Deep Hot Biosphere, with Deadline June 20, 2010

*Exp. 332: NanTroSEIZE Stage 2, Riserless Observatory 2, with Deadline July 1, 2010

*Exp. 333: NanTroSEIZE Stage 2, Input Coring 2 & Heat Flow, with Deadline July 19, 2010

Quota:

GBR	NanTr	JdF	CasCo	SPG	Louis					
Exp 325	Exp 326	Exp 327	Exp 328	Exp 329	Exp 330	Total berths so far	Member	NEW Financial Contribn	NEW Entitlement	ALLOC
3		3		1	2	50	France	25,4%	58,2	-8,2
2		0		3	2	61	Germany	26,1%	59,7	1,3
2		2		1	3	54	UK	25,4%	58,2	-4,2
7	0	5	0	5	7	165	Sum	76,9%	176,2	-11,2
						0	Austria	0,5%	1,2	-1,2
						1	Belgium	0,2%	0,4	0,6
					1	7	Canada	1,3%	3,0	4,0
		1		1		6	Denmark	2,3%	5,3	0,7
						2	Finland	0,4%	0,9	1,1
						0	Iceland	0,1%	0,3	-0,3
				1		1	Ireland	0,7%	1,6	-0,6
						8	Italy	1,3%	2,9	5,1
						6	The Netherlands	1,8%	4,2	1,8
				1		7	Norway	5,0%	11,5	-4,5
						2	Portugal	0,6%	1,3	0,7
1						9	Spain	2,8%	6,5	2,5
						7	Sweden	3,4%	7,9	-0,9
						8	Switzerland	2,5%	5,8	2,2
1	0	1	0	3	1	64	Sum	23,1%	52,8	11,2
8	0	6	0	8	8	229	Total ECORD		229	0,0

Table does not include late-nominations of Exp. 329.

5.1.3 Nomination of co-chiefs

R. Stein named the ECORD co-chiefs of upcoming expedition Superfast: B. Ildefonse (F) and D. Teagle (UK) and North Atlantic Microbiology: W. Bach (D)

R. Stein presented the Nominations of ECORD co-chiefs for expeditions sitting at OTF:

Proposal No	Short title	ECORD Nominee	Country
548	Chicxulub K-T Impact Crater	Morgan, Joanna	UK
548	Chicxulub K-T Impact Crater	Schulte, Peter	D
548	Chicxulub K-T Impact Crater	Claeys, Philippe	Belgium
551	Hess Deep Plutonic Crust	Gillis, Kathy	CND
551	Hess Deep Plutonic Crust	Pedersen, Rolf	N
551	Hess Deep Plutonic Crust	MacLeod, Chris	UK
551	Hess Deep Plutonic Crust	Ceuleneer, Georges	F
553	Cascadia Margin Hydrates	Riedel, Michael	CND
553	Cascadia Margin Hydrates	Boetius, Antje	D
553	Cascadia Margin Hydrates	Behrmann, Jan	D
553	Cascadia Margin Hydrates	Hinrichs, Kai Uwe	D
581	Late Pleistocene Coralgall Banks	Tudhope, Sandy	UK
581	Late Pleistocene Coralgall Banks	Gischler, Eberhard	D
581	Late Pleistocene Coralgall Banks	Betzler, Christian	D
633	Costa Rica Mud Mounds	Brueckmann, Warner	D
633	Costa Rica Mud Mounds	Ranero, Cesar	E

659	Newfoundland Rifted Margin	Manatschal, Gianreto	F
659	Newfoundland Rifted Margin	Minshull, Timothy	UK
661	Newfoundland Sediment Drifts	Kroon, Dick	UK
661	Newfoundland Sediment Drifts	Erbacker, jochen	D
661	Newfoundland Sediment Drifts	Ursula Roehl	D
661	Newfoundland Sediment Drifts	Wilson, Paul	UK
661	Newfoundland Sediment Drifts	Pearson, Paul	UK
686	Southern Alaska Margin 1: Climate-Tectonics	Clift, Peter	UK
695	Izu-Bonin-Mariana Pre-Arc Crust	Chauvel, Catharine	F
695	Izu-Bonin-Mariana Pre-Arc Crust	Pearce, Julian	UK
732	Antarctic Peninsula Sediment Drifts	Hodell, David	UK
732	Antarctic Peninsula Sediment Drifts	Crosta, Xavier	F
732	Antarctic Peninsula Sediment Drifts	Hilldenbrand, Claus-Dieter	UK
732	Antarctic Peninsula Sediment Drifts	Gersonde, Rainer	D

Nomination of co-chiefs (Okinawa)

- Barry Cragg/Cardiff ??????
- Daniel Prieur/Brest (declined)
- Joel Querellou/Brest (declined)

ESSAC's nomination of Barry Cragg as co-chief for the Okinawa Expedition was declined by CEDEX. PMOs have been asked to nominate other potential co-chief candidates for Exp. 331.

The Nomination and Staffing Subcommittee discussed about possible co-chiefs for Okinawa expedition. G. Camoin will contact C. Monnin asking about his opinion for a possible co-chief. R. Stein will ask K.U. Hinrich for this.

ESSAC Consensus 1005-03: ESSAC will nominate as potential co-chiefs for Okinawa Deep Biosphere Expedition: Kai-Uwe Hinrichs (D) and Christophe Monnin (F).

5.2 SAS panel nominations

R. Stein presented an overview about SAS panel nominations.

Science Advisory Structure Executive Committee (SASEC)

Damon Teagle (UK, Jun 10 - Jan 12) had already been approved as new SASEC member by ECORD Council (via Email). Next rotation will be Jan de Leeuw (NL, Jan 10 - Jun 11, to be replaced by D).

Science Planning Committee (SPC)

ESSAC seeks for approval from ECORD Council for replacements of G. Camoin (F, Mar 07 - Aug 10) and H. Jenkyns (UK, Mar 08 - Aug 10) : J. Escartin (F) and H. Pälke (UK). Next rotation will be G. Früh-Green (CH, Aug 08 - Mar 11). Because the last meeting of SPC will be in Aug 11, ESSAC will ask her to continue her membership for one more meeting

ESSAC Consensus 1005-05: ESSAC approves that Gretchen Frueh-Green should stay in SPC for one more meeting.

Science Steering and Evaluation Panel (SSEP)

K-U. Hinrichs (D, Nov 07 - May 10) had been replaced by T. Ferdelman (D). D. Brunelli (I, Nov 08 - May 11) declined his membership in April 10. A Call for application was issued by ESSAC Office on June 08, 2010 → last meeting of SSEP might be in Nov 10?

All delegates agreed that for this last meeting an alternate (former member) should be announced instead of sending a new member.

Scientific Technology Panel (STP)

D. Schmitt (CND, Feb 08 - Jul 12) will become new vice-chair, thus his membership is extended. G. Gorin (CH, Jul 07 - Jul 10) will be replaced by N. Vigier (F)-

Site Survey Panel (SSP)

N. Mitchell (UK, Feb 08 - Jul 10) will be replaced by P Clift (UK). This has to be approved by ECORD Council.

Environment Protection and Safety Panel (EPSP)

P. Lapointe (F, since Dec 06) will not decline his membership.

M. Enachescu (CND, since Dec 06) declined his membership. A call had been issued by ESSAC Office with deadline June 08, 2010.

Engineering Development Panel (EDP)

Maria Ask (S, Jul 07 - Jan 12) became vice-chair, thus her membership is extended. J. Thorogood (UK, Jul 06 - Jul 10) will be replaced by N. Watson. ESSAC seeks for approval from ECORD Council.

Discussions of the ESSAC Nomination & Staffing Subcommittee resulted in following consensi:

<p>ESSAC Consensus 1005-06: From applications for future calls for SAS panel membership ESSAC may select highly ranked (but not selected for panel membership) candidates as alternates for the specific panel.</p>
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<p>ESSAC Consensus 1005-07: ESSAC approves that the membership as alternates in SAS panels is limited to a maximum of three years. After that time span, alternates will rotate off automatically.</p>

<p>ESSAC Consensus 1005-08: ESSAC approves that the names of SAS alternates will not be published on the ESSAC website</p>

6. ESSAC highlight in Wilkes Land Expedition 318.

C. Escutia presented a report about the Wilkes Land Expedition.

7. Breakout sessions

The three ESSAC subcommittees met to discuss the topics on the agenda. The results are given in the respective items.

8. Education and outreach

8.1 ECORD Summer Schools (updates)

L. Lourens gave an update about the Urbino Summer School in Paleoclimatology. It is the 7th USSP with 90 applicants and will take place in July 2010. Further information is given on: <http://www.urbinosp.it/>.

N. Banerjee reported about the IODP Canada Summer School 2010: Ocean and climate changes in polar and subpolar environments. Further information is given on: http://www.iodpcanada.ca/news_items/iodp-canada-summer-school-27-june-to-12-july-2010/.

J. Lezius gave an update of the ECORD Bremen Summer School on Geodynamics of Past Climate Changes. This Summer School will take place in September 2010. They received 40 applications, 13 of them applied for an ECORD scholarship. Further information is given on: http://www.glomar.uni-bremen.de/ECORD_Summer_School_2010.html.

8.2 ECORD Grants and Scholarships

According to ESSAC Action Item 0911-12, ESSAC Office issued a Call for Scholarships/Grants with deadline May15. J. Lezius remembered the ESSAC Delegates about the application procedure for ECORD Grants and Scholarships with a detailed mini-proposal (only for Grants)/Letter of Interest (only for Scholarships), a CV and a Letter of Support (template downloadable on ESSAC website). The ESSAC Office received a total of 8 applications for an ECORD Research Grant, 2 French, 2 German, 1 Swiss, 1 Canadian, 1 Italian, 1 Portuguese applications. The ESSAC Office received a total of 47 applications for an ECORD Scholarship from 10 ECORD countries, 1 from NZ, one from Poland. USSP: 30 applications (2 B, 2 CND, 8 D, 1 F, 2 N, 2 NL, 3 P, 8 UK, 1 NZ, 1 Poland); Bremen: 13 applications (1 A, 3 D, 2 F, 1 I, 5 P, 1 UK); Canada: 4 applications (1D, 3 CND).

X. Monteys had presented results of the ranking after the discussion in the Education & Outreach Subcommittee.

ESSAC Consensus 1005-10: ESSAC selected the 5 best ranked applications to be awarded by an ECORD research grant. Awarded applicants are from Germany (2), France (1), Canada (1), and Portugal (1).

ESSAC Consensus 1005-09: ESSAC selected the 13 best ranked applications to be supported by an ECORD scholarship for participating in the Summer Schools in Urbino/Italy (11), Montreal/Canada (1), and Bremen/Germany (1). Awarded applicants are from UK (5), Germany (4), Canada (2), France (1), and Norway (1). In addition, one application from a non-ECORD European country (Poland) was selected for a scholarship.

F. Abrantes, R. Stein and others had a long discussion about the general role of the Education & Outreach Subcommittee.

There was a general agreement that the Education & Outreach Subcommittee should consider in its review and decision-making process the applications (CV, letter of interest) AND the ranking results (summary table) of all delegates.

8.3 ECORD Summer Schools 2011

According to ESSAC Action Item 0911-15, ESSAC Office issued a Call to host a Summer School 2011 with deadline May 2010. J. Lezius presented the two received proposals: 1) ECORD - Urbino Summer School in Paleoclimatology 2011 2) ECORD Summer School 2011 in Bremen on "Subseafloor fluid flow and gas hydrates.

After the discussion in the Education & Outreach Committee, X. Montey argued that both applicants for a Summer School should be supported with half of the available amount (10k€/each). ESSAC delegates agreed.

ESSAC Consensus 1005-11: ESSAC approves the voting results that the Urbino Summer School 2011 in “Paleoclimatology” and the ECORD Bremen Summer School 2011 on “Subseafloor Fluid Flow and Gas Hydrates” will get granted and supported by 10 k€ each.

8.4 School of rock 2010

J. Lezius gave a report about this year’s SOR and the possibility for two teachers from ECORD countries to participate. A Call had already been issued, the deadline had been extended to June 08, 2010.

8.5 ECORD Teachers Workshop

J. Lezius gave a report about a proposal by Jean-Luc Berenguer about the possibility of an ECORD School of Rock - like workshop (proposal attached in Agenda #14).

8.6 ECORD Distinguished Lecturer Programme

J. Lezius gave an update of the current DLP with all presentations given by respective lecturers. Details are available here: <http://www.essac.ecord.org/index.php?mod=education&page=dlp>.

ESSAC Office issued a Call for applications for the DLP with deadline March 15, 2010. ESSAC Office received 6 applications. X. Montey presented the ranking results after the discussion of the Education and Outreach Subcommittee meeting.

ESSAC Consensus 1005-12: ESSAC nominates the following scientists as 2010-2012 ECORD Distinguished Lecturers:

Theme 1 Solid Earth Cycles and Geodynamics: Dominique Weis, University of British Columbia, Vancouver, Canada - “What do we know about mantle plumes and what more can we learn by IODP drilling?”

Theme 2 Deep Biosphere and the Subseafloor Ocean: Kai-Uwe Hinrichs, Marum/University of Bremen, Germany - “Benthic archaea - the unseen majority with importance to the global carbon cycle”

Theme 3 Environmental Change, Processes and Effects: Helmut Weissert, ETH Zurich, Switzerland - “Carbonates, carbon cycle and climate: multiple greenhouse pulses in the Cretaceous”

C. Mével mentioned that ESSAC should advise D. Weis to arrange her travel. G. Camoin pointed on the welcome letter for DLs. This point is already included. N. Banerjee mentioned that D. Weis is originally from Belgium and that she probably will travel from there. X. Montey asked whether there is the need of a letter of support or comments from the national offices necessary for the discussion of applications in the committee. Everyone denied.

9. Workshops, communication and Vision

9.1 R. Stein presented a report about the Ocean School 010 Oostende.

9.2 F. Abrantes presented a report about the IODP Drilling of the 'Shackleton sites' on the Iberian Margin workshop

9.3 W. Piller presented a report about the ESF Magellan Conference: Large Igneous Provinces and Mass Extinctions (Piller)

9.4 R. Stein presented a report about the EuroFORUM 2010 at EGU

9.5 J. Erbacher presented a report of the ESF Magellan Programme: Present and Future

Outcomes of the Workshops, communication and vision Subcommittee:

- 1. ECORD studies & future (scientific drilling) programmes in the journal Surveys in Geophysics: Editor has contacted C. Mével about IODP related synthesis papers to be written by ECORD scientists. During discussion following suggestions came up:

- Paleoclimate-Arctic: Jan Backman, Rudy Stein, Henk Brinkhuis, etc
- Sea level changes: coral reefs: Gilbert Camoin, Edward Bard, etc

-2. Joint IODP/ICDP Program Planning Group- climates & human evolution

See 2.4.

- 3. The New Science Plan

Input to New Science Plan: Within the WV&C subcommittee ESSAC has been discussed possibilities to react:

- direct input via IODP-website
 - input by national offices to IODP
 - national offices and delegates send comments to ESSAC Office, ESSAC Office will forward the comments, which, however, are not necessarily opinion of ESSAC
- all three options are accepted.

As soon as the New Science Plan is available, the ESSAC Office will send out further information to delegates and national offices.

10. Any Other Business

R. Stein warmly thanked G. Camoin (former ESSAC Chair) as well as F. Abrantes and M. Comas for their long-lasting and very active work with ESSAC.

ESSAC Consensus 1005-0x: ESSAC thanks Gilbert Camoin (former ESSAC Chair), Fatima Abrantes, and Menchu Comas for their dedicated and highly effective service within ESSAC.

11. Next meetings

S. Jaccard presented updates about the meeting in Zuerich, October 26-27, 2010. The field trip will be on October 25, the deadline for hotel reservations is August 31.