

**17th Meeting of the
ECORD Science Support & Advisory Committee
ESSAC
MINUTES
25th and 27th October 2011,
Dublin, Ireland**



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List of Participants

ESSAC Office

Carlota Escutia (Chair)	ESSAC Delegate Spain
Julia Gutiérrez-Pastor	ESSAC Science Coordinator

ESSAC Representatives

Georges Ceuleneer	ESSAC Alternate France
Elisabetta Erba	ESSAC Delegate Italy
Gretchen Früh-Green	ESSAC Delegate Switzerland
Rachael James	ESSAC Delegate UK
Xavier Monteys (meeting host)	ESSAC Delegate Ireland
Werner Piller	ESSAC Delegate Austria
Stefan Schouten	ESSAC Alternate Netherlands
Marit Solveig Seidenkrantz	ESSAC Delegate Denmark
Ian Snowball	ESSAC Delegate Sweden
Ruediger Stein	ESSAC Delegate Germany
Antje Voelker	ESSAC Delegate Portugal
Dominique Weis	ESSAC representative Canada, ECORD

Observers/Guests

Jochen Erbacher	ESF Magellan Workshops
Markus Kienast	ESSAC Alternate Canada
Patricia Maruéjol	EMA
Catherine Mével	EMA
Alan Stevenson	ESO

Apologies

Serge Berné	ESSAC Alternate France
Bryndís Brandsdóttir	ESSAC Delegate Iceland
Anneleen Foubert	ESSAC Delegate Belgium
Nalan Koç	ESSAC Delegate Norway
Kari Strand	ESSAC Delegate Finland
Lucas Lourens	ESSAC Delegate Netherlands

1. Introduction

1.1 Call to Order

C. Escutia welcomed all ESSAC delegates, observers and invited guests to the 17th ESSAC Meeting in Dublin, Ireland. She thanked X. Monteys 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

Local host X. Monteys welcomed the meeting and outlined the logistics for the meeting as indicated in the agenda book.

1.3 Discussion and approval of the Agenda

C. Escutia summarized the agenda items and pointed to a mistake on the agenda: the Outreach Task Force presentation would be presented by A. Stevenson not R. Stein. She asked the ESSAC Delegates if there needed to be any changes to the agenda. The ESSAC Delegates denied and approved the agenda.

ESSAC Consensus 1110-01: ESSAC approves the Agenda of its 17th meeting on October 25-27, 2011 in Dublin, Ireland

1.4 Approve the Minutes of the 16th ESSAC Meeting

C. Escutia asked for comments or clarifications to the draft minutes from the 16th ESSAC Meeting (May 2011; Leuven, Belgium) to be sent to the ESSAC Office. If no changes were received the Minutes would then be automatically approved. If changes were received, the final approval would be conducted by mail.

1.5 Items since the 16th ESSAC Meeting and ESSAC Office news

C. Escutia and R. Stein presented the status of the undertakings and the action items by the ESSAC Office during the reporting period from May to October 2011.

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

> **ESSAC Action Item 1105-01:** As response to the NSF letter related to the future IODP and NSF, ESSAC will prepare a letter of concern during the meeting. ESSAC Chair will send out this letter to NSF within the next days. *Done*

> **ESSAC Action Item 1105-02:** The ESSAC Office will issue calls for nominations for the SAS panels in the new SAS: Technology Panel (TP) and Proposal Evaluation Panel (PEP). *Done*

> **ESSAC Action Item 1105-03:** ESSAC Office will contact organizers of the Urbino Summer School in Paleoclimatology (USSP) and ask them to involve more ECORD lecturers (e.g. from France or Spain) in order to make the USSP more attractive for students from other/these countries.

In progress (ESSAC Office will send message beginning of 2012)

> **ESSAC Action Item 1105-04:** ESSAC Office will adjust the questionnaire about Summer Schools. **Done**

> **ESSAC Action Item 1105-05:** ESSAC Office will send out a message to ESSAC delegates about a possible solution for future handling with ECORD Scholarships. Proposal for further discussion: Evaluation of scholarship applications and decision about scholarships by the Organizers of the Summer School; ESSAC only decides how much money in total will be available for scholarships of a specific Summer School. **In progress**

> **ESSAC Action Item 1105-06:** ESSAC Office will create a doodle table to organize and fix the dates for the next ESSAC meeting in October 2011 in Dublin (weeks 17th - 28th October 2011). **Done**

> **further ESSAC Action Item:** Calls have been issued for Expedition 344 - Costa Rica Seismogenesis Project 2 and Expedition 345 - Hess Deep Plutonic Crust, both with deadline December 15, 2011. **Done**

C. Escutia asked all participants for comments or questions.

R.H. James suggested that ESSAC Office issues a call for Expedition 337 IODP because this it has been re-activated.

1.6 ESSAC FY12 Budget

C. Escutia presented the ESSAC budget for FY12 that has been approved at the ECORD Council during its Meeting#19 (May 31st-June 1st, 2011, in Montreal, Canada), with a total ECORD contribution of 158.000€.

2. IODP News

2.1 LAs, IOs SASEC and IWG+

C. Mével summarized the latest news regarding Lead Agencies, SASEC and IWG+.

SAS Executive Committee (SASEC)

C. Mevel reported on the SASEC meeting in Amsterdam, June 14-15, 2011.

- Revision to the SAS Terms of Reference:

SASEC Consensus 1106-11: SASEC recommends to IWG+ that the SIPCOM chair also be a member of OTF within the new SAS structure and that the TORs be modified accordingly.

- Decision not to maintain EDP in the next phase

SASEC Consensus 1106-12: SASEC thanks the Engineering Advice Subcommittee for its thoughtful assessment of models for engineering advice for the post-2013 IODP. SASEC endorses IO-based task forces for engineering advice for each platform, and recommends that there be close coordination amongst task forces. After much deliberation, SASEC concludes that an Engineering Advisory Group should not be created as part of the Science Advisory Structure at this time. SASEC encourages SIPCom to evaluate the efficiency and productivity of the IO-based taskforce arrangement for programmatic engineering advice and to reconsider the recommendations of this subcommittee in the future, as needed.

- SASEC response to Rapid Response Drilling (RRD)

A Detailed Planning Group (DPG) met during the spring 2011. When SASEC received their report it was too early to make a decision because of lack of information (i.e., targeted depth).

The second meeting of the DPG in the fall 2011 provided new data that allowed locating the site (~7000m water depth). The drilling plan was approved and the Expedition is now scheduled for spring 2012

SASEC Action Item 1106-06: SASEC will review SPC recommendations for a RRD expedition to Tohoku earthquake zone, and consider the issues concerning technological capability and achievement of Nantroseize objectives in time remaining, as well as implications for FY12 APP.

- MOHOLE project

Following the two workshops held in 2010, SASEC recommends pursuing external funding and the setting up of a scoping office

SASEC Consensus 1106-07: SASEC commends IODP-MI for pursuing external funding to scope mantle drilling. Pending a favorable Sloan Foundation co-funding decision and in-kind contributions from JAMSTEC, the possibility of establishing a scoping office will be evaluated within the context of the FY12 APP by the SASEC.

Proposal submitted by IODP-MI to the Sloan Foundation for financial support, that has been funded (USD 500 k) and the Scoping Office is now established in Washington DC. Holly Given has been appointed

- New Science Plan

SASEC Consensus 1106-08: SASEC received the freshly printed copies of the New Science Plan during its meeting in Amsterdam and wishes to thank Ellen Kappel, who in final editing transformed excellent science into an outstanding printed document.

Press conference was organized in Amsterdam to promote the new Science Plan

- Workshop proposals

SASEC Consensus 1106-13: SASEC declines to recommend funding of GOLD workshop proposal.

SASEC Motion 1106-14: SASEC recommends that the Beaufort Sea Workshop proposal be funded at the requested amount.

- SASEC and SIPCOM

SASEC was disbanded Sept 1st, 2011 and SIPCOM set up.

IWG+ meeting in Amsterdam

ECORD representatives: M. Perrin, A. De Vernal, G. Lüniger, M. Webb, F. Barriga, C. Mevel, G. Camoin

- IWG+ development of points of agreement to be the basis for the new MoUs

In Amsterdam only one essential unresolved issue:

MEXT request of USD 10M from the commingled funds to the Chikyu

In Amsterdam, we thought we had come to an agreement:

Commingled funds will not systematically pay \$10M/annum to the Chikyu

Consensus statement # 3: Surplus comingled funds can be used for platform operations and/or other strategic initiatives as recommended by the science community. The final disposition of surplus comingled funds, however, rests with the PGB.

Shibata-san informed IWG+ members that, without the \$10M USD/annum for *Chikyu* operations, *Chikyu's* availability to IODP would probably drop from 5 months to 3.5- 4.0 months per year and that the \$1M USD/annum contribution of Japan to comingled funds would need to be revisited by MEXT management.

National Science Foundation (NSF)

- Letter from NSF, August 2011 (just before SPC)

Wants a new funding scheme for the JOIDES Resolution: NSF will request direct funding from its partners to operate the JR. This means that all the work done by IWG+ is obsolete

- NSF situation for the current phase as explained at SPC

FY2012 expected to be flat or decline. FY2013 may decline as well.

JR to drill 4 expeditions in FY2012. The \$2M in unspent FY2011 SOC funds will be allocated to fund the JR in FY2012

This was approved by ECORD council and IWG+

- 850+ letters to NSF underlining importance of JR to ocean drilling science

NSF "ODP" budget (includes support for the JR and at the national level)

Planned: \$105M

Actual: \$63M

- NSF, post 2013

NSF/ODP Budget Realities

Required step increase in budget to support IODP-style rather than ODP-style program never occurred, and is not forecast to occur post-2013

JR in IODP kept alive through operational savings from SODV delay and from \$25M in ARRA “stimulus” funding

- NSF Decision, post-2013

12 months operation of the JOIDES Resolution is a TOP priority for the GEO Directorate.

Cannot be done in IODP-style program with NSF as a “Lead Agency”.

NSB approval for JR as a facility can only be obtained using a viable economic model.

NSF will seek financial partners post-2013 in operating the JR, as in ODP.

Decision officially conveyed to MEXT in August (but not to ECORD).

- JOIDES Resolution Post-2013

· NSF, with independent financial help from partners, seeks to operate 12 months/year

· Working in partnership with potential partners (especially ECORD!), will establish a Science Advisory Structure optimized to meet the needs of the JR

-SAS is expected to be similar to current new structure, with membership following rights of participation

-JR expected to operate under the umbrella of the new IODP science plan

-NSF looks forward to continued intellectual collaboration and exchange between Japan and U.S. in ocean drilling science

- Evaluation of scientific ocean drilling at NSF

The NRC review will be available on Oct 17th. A short version will be available after AGU.

NSF is conducting two additional reviews:

- a review of the management of major NSF-supported programs (IODP, OOI, UNOLS) by a contractor.

-a review of IODP in comparison with other science programmes by a subcommittee of the GEO advisory committee (12 members). The first meeting is scheduled in November and the report due in January.

The proposal for the new phase will be presented to the NSB next spring

MEXT / CDEX

End of the current phase

Because of the tsunami damage, no Chikyu IODP expedition in FY11 - *resulted in savings in SOCs for the Chikyu, allocated to JR operations*

The Chikyu is currently working off Sri Lanka for a commercial contract (with 5 thrusters only)

The new thruster will be delivered and installed January/February FY12 to start operations for IODP Expeditions:

-Shimokita

-Rapid response drilling if supported by SPC/SASEC

The remaining Chikyu time (FY12-FY13) will be devoted to complete Nantroseize - hopefully by the end of 2013 (but not in the current IODP phase)

New phase of ocean drilling

MEXT did meet with NSF in August in Tokyo. NSF explained its position, but there was no discussion. MEXT is keen to continue operating the Chikyu for science. After NantroSeize is completed, CDEX is open to go anywhere outside of Japan.

MEXT agrees not to receive the USD 10M from the commingled funds. But this will mean that the MEXT funding will allow ~3 months of drilling per year. Commercial contracts (if secured) will allow to add ship time for the science

- New SAS Structure:

In the new SAS structure the population of the SAS will be as follows:

Population
of SAS

NEW SAS

	SIPCOM	PEP	TP	SCP	EPSP	EDP ?	TOTAL; observers excluded
USA	5	10	5	5	7	0	32
JAPAN	5	10	5	5	7	0	32
ECORD	4	8	4	4	4	0	23
Associate Members	0	0	0	0	0	0	1
PEP chair	1	0	0	0	0	0	1
ANZIC	0	2	1	1	0	0	3
KOREA	0	1	1	1			3
CHINA	0	1	1	1			3
INDIA	0	1	1	1		0	3
TOTAL	15	32	18	18	18	0	101

SIPCOM chair: Jan de Leeuw

PEP chair: Dick Kroon

2.2 Science Planning, Committee (SPC) and Operation Task Force (OTF)

Science Planning Committee (SPC)

R. Stein presented a summary of the 18th SPC meeting that took place in Zao, Miyagi, Japan from 22-24 August, 2011 (Appendix 3 in Agenda Book). R. Stein provided updates on the status of the Active proposals by ISP Themes, SAS Stage, geographic distribution, and IODP members. He also summarized the Drilling Platforms for Active proposals.

R. Stein showed the expedition schedule for FY 2011/2012, and provided an overview of the options for the JR Expeditions in 2013:

-“4-expedition option” (OTF Meeting June 2011)

- ? CRISP or Superfast/Hess Deep/Tie up/Alaska/Asian Monsoon

- ? CRISP/Hess Deep/Superfast/Tie up/Alaska

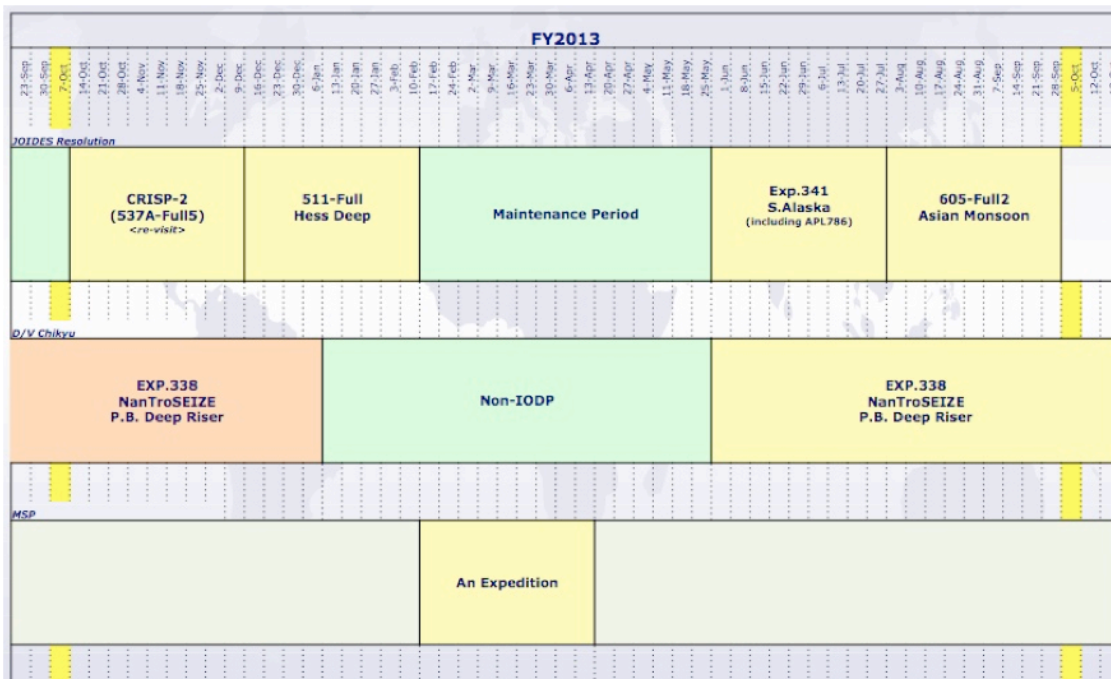
He summarized the outcomes of Expeditions CRISP (March-April, 2011) and the Superfast (April-

June, 2011), and concluded that for planning FY13 operations:

- Superfast very risky; part of the science can be obtained from Hess Deep
- If four expeditions possible (and money is available), first option for FY13 would be
 - CRISP/Hess Deep/Tie up/Alaska/Asian Monsoon

He showed the scheduled for FY13 approved by SPC

SPC Consensus 1108-14: The SPC approves FY13 ship schedule as presented by OTF chair Yoshi Kawamura.



G. Frueh-Green, commented that there was no discussion about this schedule at SPC, that it came to them as a given from OTF. C. Mevel and R. Stein commented that discussions had taken place at OTF, where it was discussed why not superfast?. C. Mevel remarked that discussions at OTF was that Superfast is very risky, and it is not good to have a risky expedition at this stage of the Program. G. Frueh-Green mentioned that US operators are not sure about what was the problem during previous Superfast that gave such poor recovery. It is believed the hole was not clean and the last expedition did accomplish cleaning the hole but it could also be the rock formation.

CHIKYU Update

R. Stein updated the damage caused by the Tsunami to the Chikyu, movement in the port and the operation schedule. Also he explained what is the Rapid Response Drilling Detailed Planning Group (RR-DPG) and when is the Initial meeting (May 18-20 Tokyo). The damage caused to the Chikyu has resulted in the cancellation of the scheduled Expeditions until further notice. Chikyu is now operating off Sri Lanka and then will do a gas hydrate research expedition before resuming IODP operations with Expedition: 343 (Japan Trench-Rapid Response Drilling), then 337 (Deep Coalbed Biosphere off Shimokita), and finally Expedition 338 (NantroSEIZE deep riser).

Stein reminded that Expedition 343 was the result of a DPG formed after the Tohoku earthquake and tsunami. The DPG recommended the submission of a proposal, the proposal was submitted, reviewed positively (both by panels and externally) and is now scheduled. There are many

challenges to this drilling that is to take place off Sendai in 7 km water depth. But this is the location where the larger change in bathymetry is observed.

After Exp. 343, the ship with drill Shimokita coalbed biosphere that was postponed to 2012. Then Chikyu will continue drilling NantorosSEIZE. There was a review in SPC on what it has been and what remains to be accomplished. The next Exp. will try to advance drilling to about 2.6 km with the final stage reaching 7+km.

R. Stein continued providing information regarding SPC consensus with regards to the South China Sea Tectonics and MSPs proposals:

735-CPP South China Sea Tectonics

SPC Consensus 1108-06: SPC recognizes the importance of 735-CPP proposal to understand the regional tectonic and climatic evolution of the Western Pacific.

The scientific drilling results will contribute towards the advancement of the IODP science program, and in particular Challenge 9 'How are seafloor spreading and mantle melting linked to ocean crustal architecture? On Theme 4 'Earth connections: deep processes and their impact on Earth's surface Environment'. An updated proposal following detailed comments would also address aspects of climate evolution (e.g., Theme 2, Climate and Ocean Change) more specifically.

The proponents are encouraged to submit an updated proposal that includes the results of recently acquired data, and the outcome of the workshop while addressing specific comments and recommendations provided by SPC.

Discussion and Prioritization of MSP scheduling

R. Stein informed about the discussions that took place during SPC regarding 3 highly-ranked MSP proposals: Baltic Sea Paleoclimate, Chicxulub Impact Crater, and Atlantis Massif Seafloor Processes, that resulted in the following recommendation:

SPC Consensus 1108-12: The SPC recommends that two proposals, Baltic Sea Paleoclimate and Chicxulub Impact Crater, continue active scoping and that both of these proposals be implemented in FY13 and FY14. These proposals have different scientific objectives, and both constitute clearly exciting science of the highest impact. The SPC recommends that the Baltic Sea Paleoclimate be prioritized for implementation in FY13, and that Chicxulub Impact Crater be implemented in FY14. This timing will allow for additional potential positive linkages to be forged for the Chicxulub project with ICDP, thus maximizing the impact of this effort.

SPC Consensus 1108-13: SPC prioritizes Proposal 758-Full2 Atlantis Massif Seafloor Processes as the first option for additional operations beyond Baltic Sea Paleoclimate during FY13 if funds are available.

R. Stein explained the scientific content of the Baltic Sea Proposal (672-Full3) and how it fits to the

New Science Plan (2013-2023).

SPC RECOMENTADATION (March 2011):

The SPC recognizes the importance of scientific drilling in the Baltic Sea and is enthusiastic about the excellent science. The major objectives, i.e., the study of abrupt climate change and forcing processes; Eemian vs. Holocene climate variability; terrestrial vs. marine (global) climate records; ultra-high-resolution climate records, and deep biosphere aspects, are strongly related to the ISP. This proposal is from an excellent group of well-experienced scientists, is technologically simple, and has significant potential to expand public interest in IODP in Europe

G. Frueh-Green, lead proponent of the Proposal 758-Full2: Atlantis Massif Seafloor Processes, explains to the Delegates the scientific objectives of the proposal emphasizing its microbiological as part of the New Science IODP Plan.

R. Stein informs that proposal 758 has 24 co-proponents (18 from ECORD).

SPC discussion of proposal lifespan in new SAS

- Proposals come in mainly as pre-proposals
- Some nurtured via workshops
- Full proposal are allowed one revision before external review
- Upon receipt of external reviews, PEP decides whether to
 - -> *forward to OTF/SIPCom*
 - -> *place proposal in holding bin (?? adequate site, characterization for drilling??)*
 - -> *reject the proposal*

Remaining questions/concerns

- Is a single revision adequate for proposals? yes
- Should there be a time constraint for proponents to back to PEP after review? No

SPC consensus about the future business model of post-2013 scientific ocean drilling

SPC Consensus 1108-15: SPC acknowledges there will be a new funding model for post-2013 scientific ocean drilling. In light of the recent communication from the U.S. NSF, SPC wishes to emphasize the following guiding principles, independent of the on-going national and international financial discussions:

--The internationally developed science plan, "Illuminating Earth's Past, Present, and Future", remains the overarching vision that provides the scientifically-driven suite of highest priority objectives using multiple platforms in the coming decade.

--Significant participation by the international scientific community in the Science Advisory Structure and implementing the next phase of scientific ocean drilling is essential. Expertise from throughout the international community will be required to achieve the strongest possible scientific outcomes.

--Access to a variety of programmatic resources, such as drilling platforms (including non-riser, riser, and MSPs), repositories, legacy and future cores, data and metadata, will be desired by members of all participating countries, and the new program should make every effort to enhance and streamline such international collaborations of personnel.

--All possible avenues to increase the operations time of the individual platforms should be pursued.

SPC further wishes to thank IWG+ and personnel at the different national funding agencies for their dedication and pursuit of a successful post-2013 scientific ocean drilling program.

2.3 Outreach Task Force

A. Stevenson provided an updated on the IODP Outreach Task Force that met at the IODP-MI office in Tokyo on 27-28 September 2011. Representatives from EMA and ESO attended the meeting, along with colleagues from IODP-MI, the USIO and CDEX, as well as observers from MEXT. The agenda included reports from each of the Implementing Organisations and specific items on Exhibitions and Townhall Meetings, Media Relations, the new IODP Website, Future Video Projects, Mantle Drilling and Graphics and Publications.

Criticize web complex website many pages and hard to navigate through these pages. Hard to get a structure that pleases everyone. They are revising it focusing on these scientific achievements of IODP. Something that is appealing to public, journalists, etc Ideas is having a timeline in the program even with legacy, someone that is known to give a tour guide.

Technology is vision but need to emphasize science vs the infrastructures

Main Actions:

- IODP-MI will revise outreach strategy to identify priorities with funding reductions. Continue to promote as an international collaboration.

- New website will include timeline with 'Tour Guide' - emphasis on scientific achievements rather than organizational structure

- New brochures on 'how to get involved in IODP' / 'Greatest hits 2003-2013'

C. Mevel asked if it makes sense to promote the current IODP Program because when a new program coming up. A. Stevenson mentioned that is important to have that information at hand for people new to the program. C. Escutia incorporated what develops not to have to re-make these brochures.

- Greater use of social media, especially to build relationships with journalists rather than relying on use of press releases

· Planning for AGU Townhall to present the future of IODP - ending with presentation on scientific achievements

· Improving recording/reporting of science - knowing about publications in advance to promote media interest

A. Stevenson commented that the science that comes out of IODP is not always well captured and therefore the great science from IODP is not portrayed in the media. There is interest to improve this and for this it would be necessary to work closely with ESSAC and the Staff Scientists.

C. Escutia agreed that it is important to capture the achievements of the program but this is not an easy thing to do. Based on her experience as staff scientist it is very difficult to track the publications post-cruise because they usually come out 2-3 years after the expedition. A. Stevenson mentioned the citations that are on the web, but are not always kept updated. C. Escutia suggested introducing a discussion in the Outreach+Education subcommittee in the next ESSAC meeting on how ways we could try to improve reporting.

3. ECORD News

3.1 EMA - ECORD Council and ECORD ILP activities

C. Mével presented a report about the ECORD Council meeting May 31-June 1, Montreal, Canada.

- Current_Chair: Anne De Vernal (Canada) Oct 1st, 2011 - Sept 30th, 2012

- Vice chair: Mireille Perrin (France) Oct 1st, 2011 - March 31st, 2012

- Next vice chair elected at the next ECORD council meeting

Will become the last ECORD Chair, Oct1st, 2012 - Sept 30th, 2013

Magellan Plus Program

C. Mevel presented to the council a new model of financing the Magellan Plus Program that resulted in the following ECORD Council motion:

ECORD Council motion 11-01-3

ECORD council approves the principle to support the Magellan Plus programme. This programme will be co-funded by ECORD and ICDP and will support workshops to develop proposals for oceanic and continental drilling. A small committee chaired by Jochen Erbacher (IODP Germany) and composed of 4 ECORD and 1 ICDP representatives will be in charge of the evaluation of the proposals.

For FY12, ECORD Council allocates a maximum budget of 50 000 €. In addition, it is expected that ICDP will contribute 10 000 €. Regulations for the use of the funds will be set up by the ECORD executive in consultation with Uli Harms (ICDP) and Jochen Erbacher.

Jocher Erbacher will submit an annual activity report to the ECORD council.

ECORD Budget

C. Mevel presented the ECORD budgets (FY11 and FY12) and the current payment status. She mentioned that Iceland is contributing to ECORD again after two years. She gave a summary of the ECORD contributions from 2004 to 2011.

ECORD FY12 contribution, US\$: 21.376.380

Available POCS in FY13, US\$: 4.287.844

Table 4 - Available POCS in FY13

	income	expenses
ECORD budget FY13	21 376 380	
FY12 balance	261 464	
SOCs to NSF		16 800 000
EMA/ESSAC budgets		550 000
	21 637 844	17 350 000
Total available in POCS	4 287 844	

ECORD is willing to give a strong focus on the Arctic: there are ~8 proposals in the system, major theme of the NSP, therefore it is an important goal for most ECORD member countries

The ECORD Industry Liaison Panel <http://www.ecord.org/ecord-ilp.html> decided to focus on the Arctic to investigate the possibility to develop joint projects

To promote contacts with industry, a session on scientific drilling in the Arctic was organized at the 3P Arctic meeting, Halifax, 30/8-2/9 <http://www.3parctic.com/>

The workshop “Arctic Ocean drilling and the site survey challenge” will be critical.

C. Mevel mentioned the interest of Shell and Statoil in the Arctic.

DS3F Meeting in Sitges

C. Mevel encouraged to the ECORD community to participate in the Deep Sea & Sub-seafloor conference in Sitges, 11-14 March, 2012 because this conference would finalize and advertise the roadmap for the next 15 years of European research.

JR Lisbon Portcall

C. Mevel reminded the **JOIDES resolution portcall** in Lisbon January 18th. She informed about the program, organizers and started the discussion about who was going to go the PortCall:

- Visit for ECORD VIPs: Promoting Institutions
- Press conference

The events are organized between the USIO, locals (A. Voelker, F. Barriga, O. Dias), EMA, Albert Gerdes (ESO)

Contacts with potential new ECORD/IODP members

C. Mevel communicated that **Israel was interested in joining ECORD**. A group of recently appointed professors has taken the lead to approach the Ministry - positive response.

An observer, Nicolas Waldmann (University of Haifa) will attend the next ECORD council in Granada.

C. Mével (and Myriam Kastner) was invited to a workshop organized at Beer Sheva University (Nov 21st)

C. Mevel informed that **Brazil is interested in joining IODP**. An IODP delegation visited Brazil in July (14-15): S. Kuramoto (MEXT) - B. Haq (NSF) - C. Mével (ECORD) - H.C. Larsen (IODP-MI) Initiated by Petrobras (Adriano Viana). The delegation had a meeting in Brasilia with representatives from various Ministries and a meeting in Rio de Janeiro at Petrobras research center with representatives of the science community.

Marine sciences in Brazil are expanding very rapidly, but are still very fragmented. There is a strong interest, but the science community is still small. Cristiano Chiessi (San Paolo) has taken

the lead to submit a proposal to the Ministry. Brazil interested in participating in support action to educate the community. Brazil is looking for partnerships everywhere, but has a long history of collaboration with Europe. There is therefore an interest to discuss with ECORD. This will be discussed at the ECORD council

NSF is keen to see Brazil join.

C. Mével had a subsequent meeting in Paris with a Brazilian delegation in September. Brasil is interested in educating the scientific community about the IODP program and and are interested in all opportunities offered by ECORD: summer schools, grants, scholarships, expeditions, etc..

Future of ocean drilling, post 2013

ECORD is willing to continue providing access to MSP: *Essential scientifically and politically*

Focus on Arctic drilling: aim to implement several Arctic proposals during the next ten years

Drilling in the Arctic is expensive, but high cost can be balanced with cheaper seabed drill expeditions...

“Tour de table” at the last ECORD Council meeting: Strong interest to participate in the next phase. However, the economic situation is difficult in most ECORD member countries. Therefore, It will be a challenge to remain at the same funding level. Although, all ECORD member countries are committed to try.

ECORD business plan approved at the last council meeting

ECORD Council consensus 11-01-4

In preparation for the IWG+ meeting, the following statements will be sent to NSF and MEXT:

- As a consortium, ECORD needs to consider the concerns of its member countries. If one country fails to fund the next phase, there is a risk of domino effect
- ECORD considers that it will be a major challenge in the current economic climate to meet the \$20m pa target but ECORD is committed to try (via direct funding and leverage of additional funds) and seek for the status of platform provider. However ECORD does not anticipate at this time being able to contribute more than \$6m pa to commingled funds.
- MSPs are essential to all ECORD member countries.
- To address a wide range of the science goals listed in the New Science Plan, the JOIDES Resolution regularly operating in all oceans is essential to all ECORD member countries
- ECORD welcomes the unique contribution to deep scientific drilling that is offered by the Chikyu
- ECORD supports the general principle that each platform provider covers the costs of its own platform and cannot commit to fund other platforms on a regular basis
- The commingled funds must be used in priority to support core integrative activities. A high level of transparency in the accounting of commingled funds will be essential.
- If there is a surplus of commingled funds, ECORD supports the concept of « opportunity funds ». These may be used to support a platform for a specific expedition, specific instrumentation (for example CORKs), engineering development, etc... A clear definition of "opportunity funds" and of the decision making process for their utilisation is required.

Independent ECORD evaluation committee:

The chair (Arne BJORLYKKE) reported at the ECORD council meeting – the outcome very positive. The report is finished. The layout is being finalized by Patricia and will soon be printed. The report will be presented at the next Council meeting in Granada and then distributed

ECORD in the next phase

The original plan had the following timeline for developing and signing of MoU:

- The science plan, the ECORD evaluation report and the business plan to be handed to the funding agencies this fall

- Expression of interest requested by the end of 2011
- ECORD MoU written (and hopefully signed) in 2012

This needs to be done before ECORD – as a consortium – can sign any agreement with other parties

However, in the light of the “NSF letter” sent out last August, the business plan approved at the last ECORD council meeting needs to be revised in the light of the outcome of discussions with NSF, MEXT and the other members but important points will remain

- ECORD is willing to continue providing access to MSP: *Essential scientifically and politically*

Focus on Arctic drilling: aim to implement several Arctic proposal over the 10 year phase

- ECORD is willing to expand the concept of MSPs to include seabed drills and possibly long piston coring

- ECORD is willing to encourage co-funded projects to increase drilling opportunities

- ECORD will encourage and help potential proponents to secure additional funding from other sources (EC, members, industry, etc...): example CO2 sequestration project possibly funded by the EC

- Co-funded projects will be scientifically evaluated by the SAS

European Scientific Drilling Infrastructure

To become more visible and increase the efficiency, the concept of developing a European Scientific drilling Infrastructure is currently being discussed at the council level and with potential partners. The idea is to build on existing expertise distributed across Europe:

- ECORD science operator: implementing drilling projects, core curation, data management

BGS (Edinburgh), MARUM (Bremen Core Repository); Geosciences Montpellier, University of Leicester

- MARUM, BGS: seabed drills and associated tools

- IPEV= long piston coring

- Iceland (ISOR): high temperature drilling

- GFZ Potsdam: continental drilling (ICDP), tool development, data management

The creation of a European Scientific Drilling Infrastructure has major benefits:

- develop stronger collaboration between research & operational groups across Europe

- share experience and capabilities, and avoid duplication

- seek joint funding for new technological development. New funding opportunities will be explored, such as other Ministries (beyond Research) at the national level (Industry, Environment, etc..), the European Commission (hopefully as a support to the DS³F), joint ventures with industry (SMEs and larger companies), EUROGIA+, etc...

- optimize use of research vessels and sampling capabilities

- provide capabilities for sustainable use of samples and data

- provide training for younger generations

- speak with one voice at the international level

The Concept was presented at ESFRI meeting, Brest, June 2011. It resulted in an invitation to the Marine Board meeting, Oct 14th, Madrid, and a meeting with Hervé Pero, head of Science Infrastructure Unit at the EC, Oct 4th. Obviously, the concept is well received. How this will help receive additional funding is not clear. The ESFRI list will not reopen before at least two years.

3.2 ESO

A. Stevenson reported about the four MSP Expedition that during the last few months, ESO has been scoping: #548 Chicxulub K-T Impact Crater, #716 Hawaiian Drowned Reefs, #758 Atlantis Massif Seafloor Processes and #672 Baltic Sea Basin Paleoenvironment.

Proposal 548, Chicxulub Impact Crater

· Progress on permitting

· June 2011

· Letter sent to Ministry of Environment and Natural Resources (SEMARNAT) and National Council on Science and Technology (CONACYT)

· Co-signed by IODP-MI, EMA and ESO

· Project approval from IODP-MI and ECORD, and how it will be funded

· The project will be implemented by ESO

· Formally collaborate with UNAM - the National Autonomous University of Mexico

· Two Mexican scientists will join the Science Party as full members;

· Cores back to BCR and then ultimately store them at the GCR.

· August 2011:

· Early meetings to raise awareness have gone well

· Have high level support in SEMARNAT

· Asked to submit formal applications for hazard survey and drilling operation

· ESO will also need to submit Environmental Assessment

· Scoping of operations

· 3 companies interested in tender for drilling

· Discussions still taking place, but New Jersey-style lift-boat arrangement is expected

· Price will not be known until tender responses are received

· After a slow start, permitting appears to be on track

· ESO will issue separate tenders for the hazard survey (in 2013) and drilling operations (in 2014).

Proposal 758: Atlantis Massif Seafloor Processes

· Project Management Team meeting 29th June with Gretchen Früh-Green and Christopher MacLeod

· Proposal requires use of a sea bed drill

· Proposal has a high priority microbiology component

-
- ESO has received details of microbiology sampling from proponents
 - Discussion of site survey data: ESO and proponents are re-evaluating site survey data for safe positioning of sea bed drill
 - Logging requirements from a sea bed drill: Oriented imaging is required, others if possible but not essential

Proposal 716, Hawaiian Drowned Reefs

- No further scoping since March 2011
- Sites too deep for sea bed drills operating alone, would need drill ship for base of sites

- Recommendation

- Leave to new program – time for sea bed drill technology to mature (in particular penetration must improve, but also logging tools need development).
- Atlantis Massif requires less penetration and is within reach of current sea bed drills.

Proposal 581, Coralgall Banks, GoM

- ESO has not been scoping this proposal, which is at OTF;
- Proponent Andre Droxler is attempting to find co-funding support from industry;
- Droxler is currently negotiating a single test borehole to be drilled by Fugro-McClelland Marine Geosciences, and is seeking funds to cover mobilization, transit, one day drilling & demobilization costs (\$75k);
- ESO may sponsor the test borehole - we have asked for more details;
- Droxler has secured permits from the Bureau of Ocean Energy Management, Regulation and Enforcement;
- If Droxler is successful in securing external funds for the full drilling campaign, he may approach IODP to turn his proposal into a Complimentary Project Proposal (CPP).

(Report from Agenda Book)

ESO staff held Project Management Team Meetings with the proponents of the Baltic Paleoenvironment and Atlantis Massif Seafloor Processes proposals, on 28 and 29 June respectively, at the British Geological Survey in Edinburgh. Representatives from all ESO partners were in attendance. Meetings with the Chicxulub and Hawaii proponents took place in October and November 2010). After considering the options for an MSP in 2013 at their August 2011 meeting, IODP's Science Planning Committee chose the Baltic Sea Basin Paleoenvironment as the next MSP. ESO is continuing to scope the remaining, highly-ranked MSP proposals which provide excellent options for MSP expeditions in the first years of the International Ocean Discovery Program.

Post- MSP Expedition reports

The Expedition 313 (New Jersey Shallow Shelf) 2nd Post-expedition Meeting took place from August 15 - 18, 2011, at the University of Utah, Salt Lake City, USA. The Science Party gathered to discuss their results to date and to coordinate their publication approach. The Science Party participated in a field trip to view classic outcrops of the Blackhawk Wave-Dominated Coastal System (Book Cliffs) and the Ferron Sandstone Deltaic System. A series of collaborative peer-reviewed papers from the Science Party are expected to be published before August 2012.

The moratorium period for Expedition 325 (Great Barrier Reef Environmental Changes) ended on July 16 2011 with the publication of the associated Proceedings volume online at <http://publications.iodp.org/proceedings/325/325title.htm>. The Science Party are continuing to conduct their post-Expedition research, with two or three peer-reviewed papers expected before the end of the year. The Expedition 325 2nd Post-expedition Meeting will take place from July 3 - 7, 2012, at Heron Island, Queensland, Australia. A special session has been co-organised with scientists associated with Expedition 310 for the 12th International Coral Reef Symposium (9 - 13 July, Cairns, Australia), and the majority of the Expedition 325 Scientists are expected to participate. For the latest list of expedition-related publications for all MSP expeditions, please consult the Expedition-related bibliography section of the Proceedings volumes. The Expedition 325 Operational Review Task Force (ORTF) took place at the Edinburgh offices of the British Geological Survey on 18 & 19 July 2011. All reports by the Operations Review Task Force concerning MSP Expeditions can be found on IODP-MI's website at <http://www.iodp.org/ortf/>.

Other ESO activities

ESO representatives have attended SAS panels, IODP- and ECORD-related committees, and workshops during the reporting period and carried out associated tasks. C. Graham and E. Gillespie hosted the June EPSP meeting at the British Geological Survey in Edinburgh. ESO staff attended the 2011 EGU Meeting, 4-8 April, Vienna, in various capacities: IODP booth maintained in the exhibition hall; booth services by ECORD/ESO staff; attendance at the joint IODP/ICDP Townhall Meeting; U. Röhl was a Co-Convener of the session "Major achievements and perspectives in scientific ocean and continental drilling"; media presentation on Expedition 325, Great Barrier Reef. ESO is continuing to work with EMA on a new business plan for ECORD post-2013.

3.3 EMA-ESO-ESSAC and ECORD Publications

P. Maruéjol reported on recent ECORD outreach activities and publications since June 2011 and future actions/publications discussed at the last EMA-ESO-ESSAC (ECORD Outreach) meeting held in Prague at Goldschmidt 2011 conference. The meeting was attended by A. Stevenson and A. Gerdes (ESO), C. Mével and P. Maruéjol (EMA).

ECORD Outreach Team

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- Alan Stevenson, ESO Outreach Manager
MSP outreach and ESO web site
 - Albert Gerdes, ESO Media Relations Manager
Press and media relations for MSP expeditions
 - Julia Gutiérrez-Pastor, ESSAC Science Co-ordinator
Education (summer schools, teachers at sea, DLP...) and ESSAC web site
 - Patricia Maruéjol, EMA Outreach Co-ordinator
ECORD publications, booths and web sites/database

ECORD/IODP at Goldschmidt 2011 (August 15-19)

- 3300 participants, 30% students
- 1st participation
- + IODP Canada, Germany and France
- Visitors: scientists (geochemists)
- 72 subscriptions to *SD journal*
(45 ECORD)
- Contacts were made with:
organic geochemists
EAG and *Elements*

ECORD Newsletter #17 (October 2011)

- 20-page issue
- News from the ECORD Council, EMA,
ESO, ESSAC and ECORD Outreach
- Reports of ECORD Summer Schools and
SOR 2011
- Reports of Magellan Series Workshop and
IODP workshop
- A Letter from Norway
(*H. Kleivein, N. Koç, O Pettersen*)
- Deep Sea and Sub-Seafloor Frontier (DS3F)
(*A. Kopf and C. Mével*)
- Challenges in Arctic Ocean Drilling
(*R. Stein*)

ECORD Resources

- Publications:
-Newsletter #17 - Oct 2011
-ECORD folder

-
- ECORD flyer *to be updated*
 - ECORD video
 - Short and long versions
 - ECORD/IODP wall posters
 - IODP core replicas

Activities (Nov 2011- April 2012)

- ECORD at AGU 2011 (IODP booth and Townhall meeting), Dec. 5-9
- Portcall activities of Mediterranean Outflow Exp, Lisbon, Jan 18-19, 2012
 - Media reception, lectures and JR tours (with USIO, A. Voelker)
- EGU 2012, April 22-27: joint IODP-ICDP activities (*agreed by IODP-MI*)
- ECORD Newsletter #18 - to be released at EGU 2012
- Call for contributions - to be issued by mid February 2012
- Deadline for author's contributions: March 21, 2012
- A Letter from... Austria, Belgium, Denmark, Italy, Portugal, Sweden??
It is agreed that Werner Piller will write the letter from Austria.
- Magellan +
- Report of Arctic Workshop (Magellan Workshop series)
- Access data information through SEDIS database (Pangaea, IODP-MI)
- ECORD Evaluation Report
- Preliminary results of the Mediterranean Outflow Expedition
- ECORD/ESO photo gallery on line
- More IODP core replicas for ECORD use (contact?)
- Next EMA-ESO-ESSAC meeting: February 2012, where?

It was discussed if a report of the Mediterranean Outflow Exp. 339 should be included in the Newsletter. C. Mevel argued that this kind of reports should be in the Scientific Drilling journal, not in the Newsletter because it would be repeated. J. Erbacher supports this thinking, C. Escutia, however, argued that because the two Co-chief of this Expedition are from ECORD it would be good to have the Expedition portrayed in the Newsletter.. It was decided a report would be requested to the co-chiefs that would focus less on the science of the Expedition and more in the "experience"

Summary of ECORD outreach activities/publications

- **ECORD Newsletter #17 - October 2011**, 20-page issue, released on late October 2011 will be distributed as printed copies and available online at: <http://www.ecord.org/pub/nl.html>
- This issue is made up of ECORD information from May 2011 to early October 2011, with messages and news from the ECORD bodies, reports on ECORD Summer Schools 2011, School of Rock 2011, a Magellan Series Workshop, a Letter from Norway (K. Kleive, N; Koç and O. Pedersen), a scientific contribution "Challenges in Arctic Ocean Drilling" (R. Stein) and a report of the Deep Sea and Sub Seafloor Frontier (A. Kopf and C. Mével).

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- **Report of the ECORD Evaluation**, about 40-page document to be released on November 2011
 - **ECORD-IODP booth at Goldschmidt 2011**, Prague, August 15-18, targeting the geochemists not present at EGU 2011,
 - **ECORD-IODP booth at [3P Arctic 2011](#)** in Halifax, Canada (ESO and ECORD ILP), August 30-September 1 (see 3.2),
 - Participation in **IODP Outreach meeting**, September 27-28, Tokyo (see 2.4),
 - Providing ECORD materials (ECORD/IODP brochures ± core replicas)
 - To teachers at school (IODP core replicas + materials),
 - To Urbino Summer School 2011
 - To IODP national offices for national events - GeoItalia 2011, Genova - and international events - IODP-ICDP booth at GAC-MAC 2011 in Ottawa
 - To Antarctic summer school in Genova
 - to IODP-MI and CDEX for booths at Earth science conferences (OTC, , JPGU and AOGS (printed materials)
 - Distribution of the IODP New Science Plan - full and short versions (1,500 copies each)

Future outreach activities/ publications

- Participation in IODP activities at **AGU 2011** (IODP booth and Townhall meeting, press conferences, etc.)
- Coordinating portcall activities in Lisbon, January 18, 2012 with Sarah Saunders (USIO) and Antje Voelker (IODP-Portugal)
- Next issue of ECORD Newsletter #18 - April 2012, will be discussed during the next EMA-ESO-ESSAC meeting and assembled according to the following deadlines:
 - Call for contributions - to be issued on early to middle February 2012,
 - Author's deadline - March 15, 2012
 - Date of release - late April 2011 at EGU 2012

The following items have been identified:

- ECORD business and science delivery plan for IODP post 2013
- Access data information through SEDIS database (Pangaea, IODP-MI)
- A Letter from? 7 potential candidates: Denmark, Portugal, Austria, Italy, Sweden, Iceland, Belgium.
- Report of the ECORD Evaluation
- Scientific contribution?
- Joint ECORD/IODP/ICDP booth and townhall meeting at EGU 2012: April 22-27, Vienna
- Publishing the ECORD photo gallery
- Providing ECORD/IODP materials to Swiss IODP event (10-12 November), to high school teachers (core replicas),
- Updating ECORD flyer and GBREC leaflet

Next ECORD outreach meeting: The next Outreach meeting was accorded to be in Granada, February 14-15, 2012.

3.4 ESSAC representatives and National Office reports

Each ESSAC delegates gave a short summary about the latest national activities regarding IODP and ECORD issues. The current ESSAC delegates and alternates are given in the table down below:

- J. Erbacher reported that the level of applications per Expedition in Germany continues to be OK. He informs of an IODP ICDP colloquia in March 17th-18th in GEOMAR, Kiel, and invites everyone to join. He commented that during the 1st NSF letter Germany responded with a letter from the German Science community with many signatures to support IODP. The amount of signatures showed the large support of the IODP community in Germany and its weight within IODP. Germany will be part of IODP only as part of ECORD and Germany is looking forward how it looks the next program is shaping.

- E. Erba reports on the GeoItalia meeting in September 2011 that had a special IODP session that was very well attended by people outside the community. However, she was unhappy that some relevant members of the IODP community, including co-chiefs, did not attend (as co-chiefs). She explains that Italy is going through major crises which does not help IODP Italy. The new director of CNR guarantees that the 100.000 euros contribution to ECORD for the period 2012-2013 from CNR. Regarding the Italian application most of them are individual applications. She does not even see until she receives the application list from the ESSAC Office. She does not think it is good for Italy to have Italian scientist on the ship because with their over-quota status, is not a good strategy for Italy. The philosophy of the Italian payers is then: why they have to pay more quota if the Italian scientists go to the Expedition anyway (paying or not).

C. Escutia suggested that the argument to the funding agencies should be the opposite: there is lots of interest by the Italian scientific community to participate in IODP and therefore this should increase the Italian contribution to fulfil the needs of the community. E. Erba comments that the problem is that they do not have a science foundation to make this argument. I. Snowball asked what is the funding agency contributing to ECPRD then? E. Erba: explained that there were 3 research institutions that pay, now is only one and is up to the president to the institutions to sign or not. S. Berné: asked if there was not a national funding structure? E. Erba: explains that CNR was re-organized and stopped paying all international programs, so there is no office to motivate our Italy's participation in IODP.

- A. Voelker mentions that most energy of IODP Portugal is now spent with the organization of the Lisbon PortCall related to Expedition 339 (Med. Outflow). The Portcall in Ponta Delgada will have mostly participation of high school students some scientists, and general public. For the Lisbon portcall, the first day will be a VIP day, with the second day open for visits to the ship by scientists from Portugal and Spain, and if there is time in the schedule for high school students. There was a meeting to identify Portuguese VIPs (i.e., Minister and president of science foundation) organized by Fernando Barriga from the ECORD Council. The response was poor because the upcoming change in government. She has concerns about the future of Portugal as part of IODP because of this Government change. She reported on the Portuguese nominated for PEP that will start this year, and she was pleased that the approval for her travel to attend these meetings came fast, which speaks positively on the perception of the relevance to the science foundation of having IODP representatives.

- R. James reports that in the UK there has been discussion with various funding bodies. She informs that the publication of the review of UK IODP has suffered a delay but it hopefully will be published soon. This is important because as of now they only have pieces of information. She informs that there is a funding system change in the UK and that the new application will need to be sent to the Science Board for their subscription. Regardless of these changes, the UK IODP is continuing to make preparations for the future. The UK will have an UK IODP student conference on September 2012 link to a re-stated IODP UK meeting. There was talk about opining the conference to ECORD countries but for now they want to get first the momentum in the UK community. She provided good news of funding of three site survey proposals, most of them involving co-funding by other countries. She announced that this meeting was the end of her term and that Stuart Robinson agreed to stand in for the next year until he will start serving on the PEP. The UK IODP will need to be issuing a call for a replacement to be chosen carefully since the ESSAC Office is to rotate to the UK and therefore the next UK representative should become the vice-chair and eventually the ESSAC chair.

- G. Ceuleneer reports that are getting good level candidates from the paleoceanography paleoclimate communities although sometimes the process is very hard. This is mainly because the lack of support to encourage the young scientist to apply because you cannot offer them

salary. Next year is important for France because CRNS will have to decide on participation in IODP & also there are national elections, and these are not independent issues. French participation in ECORD is at a high-level at the CNRS in the context TGIR. They are now part of the national institute of the universe, which is different from the situation 10 years ago when there were only earth sciences. He mentions that is not known at this time if France will continue as part of ECORD (depending of the upcoming government) and if it will be as independent country. They are involved (IODP France, ESSAC Delegate and Catherine) in making a document with the achievements for the last 10 years of IODP. He also mentions about a spring 2012 meeting in France to show the achievements of IODP France in the last years to get support and funding for the future. Here they will try to get the community to see how would it be your France science without data from IODP? France has a strong interest in participating in the Arctic project and would like to expand the field of study to the Risk and Hazards. France is the new head of INSU who is a structural geologist that sailed in the JOIDES.

- D. Weis reports that the booth in Quebec in May was very well attended and generated interest among new people although it did not translate in proposals except for scholarships. She informs that next year Canadian scientist will need to write the proposal for the renewal of IODP. She hopes that by then it will be clear what the future of IODP looks like in order to write this proposal. They like to involve younger people to get involved. She also informs about a big movement among the oceanography community in Canada to generate interest towards the ocean. At first this did not involve IODP. The Council of Canadian Academies is undertaking environmental, economical, and social challenges with regards to Canada's oceans. The idea is to distribute a survey among Canada to try to identify important issues as research priorities. This is a concern because one needs to make sure ECORD science is there. The survey has not been created yet but Dominique asks about the willingness of the ESSAC Delegates to fill such survey. She informs about the success of the DLP lecture and the benefit of meeting with communities she did not know.

C. Escutia asked if the survey is only for scientists in Canada? D. Weis: mentioned that is a Canadian consortium of Canadian universities that will contact the community to get feed back including the international community C. Escutia mentions that when the time comes, maybe better to fill the survey as ESSAC with all members, better that every Delegate writing a separate one.

- S. Schouten informs that the funding agency has requested a White Paper for 2012 that shows what has been accomplished and a proposal for a budget. A decision by the National Science Foundation is expected by 2013. He does not foresee problems. A challenge however, is that at the national level there has been a small budget cut and ½ the National Funding Agency budget will be in 9 areas that are determined by industry. The area that better would fit the science conducted within IODP is "Water". This said it will require some thinking since the focused "Water" target is more related to irrigation, dikes, etc.

- G. Frueh-Green she reports that applications for participation on expeditions have decreased, this has been in part affected by retirements and changes in professorships. A positive note is that M. Strasser is very involved with Chikyuu, and he is very enthusiastic for IODP, so he may be an important person to generate enthusiasm in the community. She informs that the Swiss woman scientist selected to participate in the Mid Atlantic Ridge expedition had to withdraw because of health problems. M Strasser has been invited as co-chief for Exp.338, so there is still Swiss participation. They had a meeting with funding agencies and ECORD community and the message was that is not problem for funding for next program, but that they are very concern and unsure by the NSF letter, so that really needs to be sorted out in the ECORD Council. The strong message is that Switzerland needs to be part of ECORD. There is pressure at the Swiss Science Foundation not to fund large infrastructure proposals. So maybe the level of funding for the new program will not be at the same level. Therefore, it is very important to show how the next program will be like because the proposal for the renewal of the program needs to go in next spring. She informs that there will be a Swiss Geosciences meeting where they will have a booth and this will be a good opportunity to try to get more aware and enthusiastic for IODP. She finally a problem that that there are some key voices complaining they are not getting on the ship and this is a problem because ocean sciences are not big in Switzerland.

- W. Piller comments on an increasing interest in IODP participation in Austria with 4 applications for expedition participation for which he is optimistic. Also in the University of Vienna there is a growing group with interests in IODP activities. The opinion of the president of

the National Science Foundation is that IODP should be supported. However the Academy of Sciences, that provides 5% of the Austrian contribution, is re-organizing and it is not sure what will happen. He reported on interest of the Austrian community in the Neogene of the Mediterranean and Atlantic regions as shown by the Austrian involvement in the workshop in Salamanca organized by P. Sierro.

- I. Snowball: He reports on the active involvement of the Swedish community in IODP with 2 applicants for Expedition 342, proponents in active proposals including M. O'Regan, who is a lead proponent in one of the arctic proposals and will be moving to Sweden, and participation in workshops. J. Backman is approaching retirement but he is involved with H. Coaxal in a proposal being evaluated by PEP. He also has a new PhD working on exp. 338 post-cruise science and with J. Dickens who has been visiting 3 months. Regarding funding, the Swedish Research Council will hold a hearing during Fall 2011, where Ian will be key in trying to justify why Sweden should continue to contribute to IODP. The Science Plan will be an important document for this. Afterwards a formal application for membership contribution will be required.

- M. Solveig reported good news in that most applicants from Denmark have come from the geobiology group but this time they had applicants from the geological community (Exp 342). They had one applicant that had to withdraw because no funding for post cruise meetings research. The Council is not willing to support this arguing other people have to fund their logistics. She informs the SF letter attracted media attention and that she and other colleagues were contacted on several occasions. She was able to communicate that there was no reason yet to worry since nothing was decided and the attention died. She comments on the shift in government from the right to left middle wing with radical left in the middle. This may be good news since radical left is more interested in independent research and IODP is independent science. She has no idea about what Denmark position is for after 2013. She cannot write an application until she has a clear understanding of what the scene will be for the new program.

- X. Monteys is not worried that funding from Ireland will happen for the next 3 years. He is now mostly interested in getting the funding to support the participants, especially salaries. The normal mechanism is not working anymore. He is also keeps working on attracting people to sail in next expeditions.

- C. Escutia reports that there is an emergency situation for trying to sign and secure the funding soon for the next two years before the election in November 2011. As elections get closer everything paralyzes and this is why Catherine is not getting any answers from the Ministry regarding VIP representatives in the Lisbon port-call, signing the Annex H etc. Once the new government starts IODP Spain will have to educate the new representatives on the value of the program. The good news is that Spain can show lots of activity and participation in the program (i.e, participation, including co-chiefs: panel members, scholarships, grants, etc). There is a document that is being creating reporting on activities of IODP Spain in the past 10 years. Other IODP Spain activities have been centred in supporting the Med Outflow expedition with one of the co-chief from Spain (i.e., post-call, permits, etc). In these issues the Ministry has been more pro-active. She reports on a National science meeting where IODP-ICDP Spain will have a booth.

4. The future of IODP

4.1 Where do we stand after the ECORD executive meetings with NSF and MEXT

C. Mevel presented discussions held in Paris between the ECORD Council Executive, NSF and MEXT.

NSF visit to MEXT (August 16th ?)

Killeen, Conover, Batiza, Allan

Announced NSF new position to high level representatives

NSF letter to the community, signed by Tim Killeen and David Conover (20/8/2011)

There was no communication with ECORD - explicitly requested by Tim Killeen (according to Rodey). Main points of the letter are that:

-
- NSF will operate the *JR* as an independent drill Platform Provider, not as a Co-Lead Agency (as is the case for the current IODP).
 - NSF will independently solicit contributions from international partners for support of *JR* operations.
 - NSF will establish a new Science Advisory Structure specifically to meet needs of the *JR*.

We are aware that many issues remain to be resolved as our new operating model is developed. NSF will begin immediately to reach out to potential international partners and will foster a community-driven process to define our new program. To maintain the integrity of the international scientific ocean drilling community, a new framework for international collaboration and coordination among the platform-providing nations and other relevant countries will also be developed. The NSF IODP program team, led by Rodey Batiza, will provide further details in the very near future.

In a phone call of C. Mevel with R. Batiza during SPC meeting, Batiza told Mevel that of course, NSF wants continued access to MSPs.

After this a series of letters were sent:

Message from EMA director - 31/8

Don't panic ! Negotiations are ongoing with NSF and MEXT
A new international framework will be found

Message from MEXT - 1/9

Need for an international cooperation

MEXT is keen to continue providing access to the Chikyu - The Chikyu will operate in all oceans

Message from IODP-MI - 2/9

Need for an international cooperative framework
Continue submitting proposals

Letter from ANZIC - 23/9

1) ANZIC is very much in favour of the continuation of IODP and is not opposed to a looser arrangement as suggested by NSF.

2) Applying money to increased operational time of the various platforms is our highest priority. We see great value for the scientific community in the worldwide deployment of diverse, task-specific drilling capacity that currently exists, and potentially could be available post-2013.

Letters from the USAC chair, JDESC were also sent. All letters are posted at the IODP website http://www.iodp.org/index.php?option=com_content&task=view&id=595&Itemid=1259

Meeting of the ECORD executive, Sept 22-24, Paris

On this occasion, there were also separate meetings with

- CDEX (Taira)

- MEXT/CDEX (Shibata, Taira)

- NSF (Batiza)

MEXT also met with NERC, DFG, INSU-CNRS

Two additional teleconferences of the ECORD executive have been held.

Discussions are still ongoing between the three platform providers

Meeting of the ECORD Council November 2011, Granada

- NSF (Batiza), MEXT (Shibata), IODP-MI (Suyehiro) will attend the open session of the ECORD Council meeting in Granada (Nov 2, 2011).

- ECORD council will have a closed session on Nov 3, morning.

- NSF-MEXT and ECORD executive will meet Nov 3, afternoon, hopefully to reach a common position.

The associate and potential new members are not in a "common loop" but might have been approached by NSF and MEXT separately

NSF: JOIDES Resolution Post-2013

· NSF, with independent financial help from partners, seeks to operate 12 months/year. *To some extent, this means going back to the old ODP model*

· Working in partnership with potential partners (especially ECORD!), will establish a Science Advisory Structure optimized to meet the needs of the JR

- SAS is expected to be similar to current new structure, with membership following rights of participation

- JR expected to operate under the umbrella of the new IODP science plan

- NSF looks forward to continued intellectual collaboration and exchange between Japan and U.S. in ocean drilling science

MEXT: Chikyu model

MEXT wants to continue offering the Chikyu to the international community: *The Chikyu was build for science*

MEXT budget will allow 3 months of drilling per year

Commercial contracts will allow expand the drilling time for science

The Chikyu will go to all oceans after Nantroseize is completed, but will need to have a substantial programme to implement: *Ideally, a commercial contract and a scientific riser project in the same area. May also consider implementing a non riser project if logistically relevant*

If the Chikyu implements project of particular interest to ECORD, financial participation on a project basis may be requested: *Example of GOLD*

ECORD

- Keeping the consortium together and continue operating MSPs is imperative, scientifically (only way to have access to the Arctic) and politically.

Any option that would involve the risk of destabilizing ECORD cannot be envisioned.

Any option resulting in destabilizing MSPs operations would result in decreasing dramatically and even possibly cut the budget at the national level

- ECORD is willing to continue providing access to MSPs to all international partners. ECORD is aiming at implementing one expedition per year on average, and will also consider additional co-funded projects with other funding sources, if they are of high scientific quality. Implementation of these co-funded projects will require flexibility in staffing.

- ECORD agrees to the principle of participating in the funding of JR operations and of signing a MoU with NSF. This MoU will include the number of berths for ECORD scientists on JR expeditions as well as berths for US scientists on MSP expeditions.

- ECORD is willing to develop a swap mechanism for berths between the Chikyu and MSPs

- In addition, ECORD is willing to find a simple mechanism to allocate berths to scientists from all countries signing a MoU with NSF, without having to sign separate agreements.

At this stage NSF-MEXT-ECORD have agreed:

- To maintain an international framework to scientific ocean drilling
“IODP Forum”
- To maintain a common evaluation system, overlooked by some kind of “support office”
- That all platforms will be funded and operated independently

Still to be discussed:

- The future of IODP-MI if its functions disappear (many will be transferred to IOs)
- The SAS system
- The development of the program plan for each of the platforms
- The data legacy (past and future)
- How “non platform providers” will have access to the three platforms

Timeline

- ECORD Council meeting, November 2-3, Granada

Nov 2: open ECORD council meeting - *Invited participants: NSF, MEXT, IODP-MI*

Nov 3: morning: approval of the ECORD executive position by the whole ECORD council - *Invited participants: Wefer, De Leeuw, Kroon*

-Nov 3 afternoon: NS-MEXT-ECORD exec meeting – hopefully agreement of a common position between the platform providers

- Revision of ECORD business plan

- **By December: new framework** distributed to the current associate members and potential new members for comments

- **December 6th, San Francisco: ad-hoc meeting of IWG+**

- **January 18th, Goa:** meeting and disbanding of IWG+; establishment of IODP Forum. Final agreement on the new framework

- **Starting January 19th:** writing of the MoUs

- **Expression of interest for ECORD: delayed till April 2012**

4.2 Plenary discussion: The future of the new IODP and ESSAC’s position

Following C. Mevel presentation there is a plenary discussion among the ESSAC Delegates. About the future of IODP, and the role of ECORD.

G. Frueh-Green asked about the future operations of one MSP/year while contributing to the JR. C. Mevel explained this will be possible because under the new framework ECORD will contribute money to JR (~USD 6M), i.e. much less than the 16.8 M currently paid to the commingled funds. Therefore the budget allocated to MSP operations will increase substantially. Following a question by J. Erbacher, C. Mevel also mentioned that for now the figure of 6 M relies on ECORD being able to maintain the present level of funding. Depending on the ECORD budget, this figure might change.

There were questions by G. Frueh-Green and E. Erba on how this contribution would translate in ECORD berths in Expeditions. C. Mevel responded that it would continue to guarantee 8 ECORD berths in the JR and 8 berths in MSPs.

R. Stein comments that the new Science Plan contains objectives that can only be achieved with the Chikyu and therefore when money is available ECORD should support Chikyu projects. C. Mevel informs that the ECORD Executive already has agreed to this. J. Erbacher says that in this scheme, the Chikyu will be used as an MSP by European partners. He also stated that he fully supports this new structure of the program and sees an opportunity for ECORD.

C. Mevel and C. Escutia agrees as well adding there is a chance for ECORD to define what we want ECORD science priorities to be (the ECORD flag) (i.e, Arctic, GOLD, etc). J. Erbacher commented that in general, he has been encouraging his community to not worry about the confusion that the NSF position has created but to continue pushing the science. C. Mevel agrees. The model is not yet finalized, hopefully there will be an agreement in the next ECORD Council in Granada. C. Escutia clarified that until now NSF has met with ECORD, and MEXT has met with ECORD but the next ECORD Council will ne the first time they all sit together. G. Frueh-Green asked if Catherine is leading this meeting. C. Mevel said yes. C. Escutia said it is important for the ECORD Council to have from ESSAC a statement similar to the one provided by SPC stating ESSAC position regarding the new structure. C. Mevel commented on the fact that under the new structure ESSAC will play a much important role as advisory body for the decision of the science.

There was some additional discussion about MEXT and how do they perceive the operation for IODP only 3 months a year. C. Mevel pointed our that the Chikyu is a ship that,with its deep riser system, is desirable for contracting for commercial work and because is owned by Japan they can do that easily.

At the end of the discussion G. Frueh-Green thanked Catherine for all her work and for being instrumental in all the negotiations between NSF and MEXT. All the community appreciates her work. These words are supported by a big round of applause from all Delegates.

The Delegates proceeded to write a consensus statement about the position of ESSAC regarding the future IODP

ESSAC Consensus 1110-03: ESSAC Consensus on the future of IODP:

- The internationally developed Science Plan remains the overarching vision that provides the scientifically-driven suite of highest priority objectives using multiple platforms in the next decade.
- ESSAC supports that all platforms will be funded and operated independently while maintaining an international framework to scientific ocean drilling.
- In this respect, ESSAC strongly supports the ongoing efforts of the ECORD Council to establish the future program.
 - The independent operation of the platforms provides opportunities for developing programs with an ECORD flag (e.g., Arctic, Mediterranean, etc).

5. Nominations and Staffing

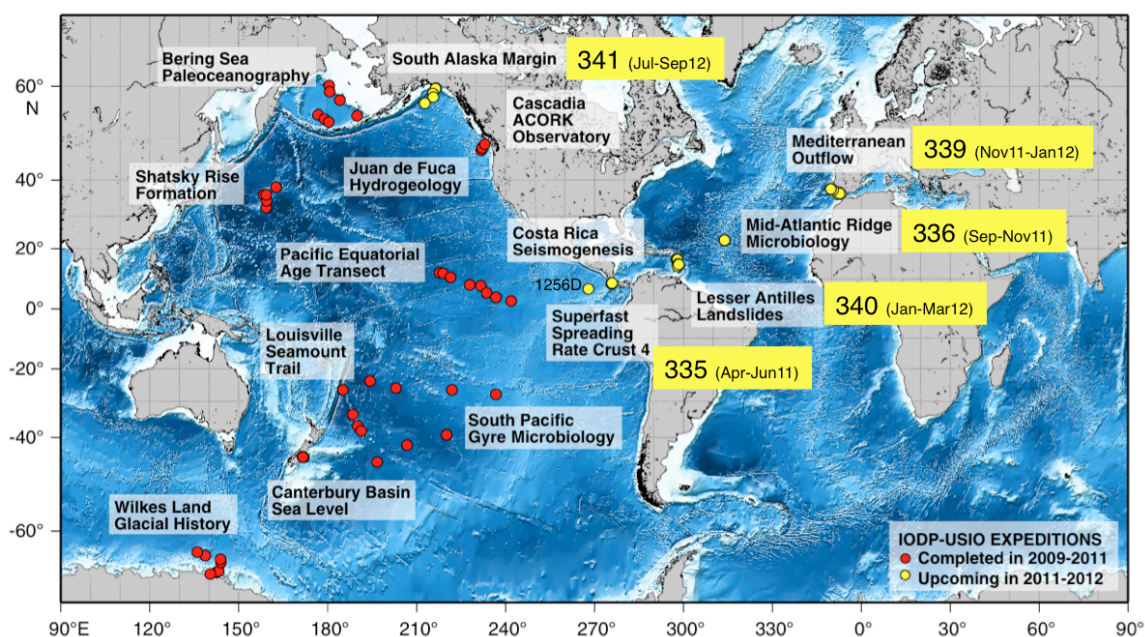
5.1 Staffing

5.1.1 Updates on expedition staffing:

R. Stein reported the updates on expedition staffing.

ESO Operations				
Platform	Dates	Port of Origin		
No expedition is currently scheduled.				
USIO Operations *				
Platform	Dates	Port of Origin		
1	336 - Mid-Atlantic Ridge Microbiology	JOIDES Resolution	16 Sep.–17 Nov. 2011	Bridgetown, Barbados
2	339 - Mediterranean Outflow	JOIDES Resolution	17 Nov. 2011–17 Jan. 2012	Ponta Delgada, Azores
3	340T - Atlantis Massif Oceanic Core Complex	JOIDES Resolution	17 Jan.–6 Feb. 2012	Lisbon, Portugal
4	340 - Lesser Antilles Volcanism and Landslides	JOIDES Resolution	6 Feb.–18 Mar. 2012	St. John's, Antigua
5	341 - Southern Alaska Tectonics Climate and Sedimentation Experiment	JOIDES Resolution	2013 (dates TBD)	Victoria, B.C., Canada
6	342 - Newfoundland Paleogene and Cretaceous Sediment Drifts	JOIDES Resolution	18 Jun.–17 Aug. 2012	Curacao, Dutch Antilles

Mid-Atlantic Ridge Microbiology (336),
 Mediterranean Outflow (339),
 Atlantis Massif Oceanic Core Complex (340T),
 Lesser Antilles Volcanism and Landslides (340),
 Southern Alaska Margin Tectonics, Climate & Sedimentation (341),
 Newfoundland Paleogene and Cretaceous Sedimentation Drifts (342)



Applications (Exp 327 - 342)

	Exp	ECORD	Fr	Ger	UK	CH	Sp	NL	Nor	It	Can	Den	Swe	Fin	Ire	Ice	Bel	Por	Aus
Juan de Fuca	327	7 (+7)	3(3)	-	3	-	-	-	-	2	2	1	-	-	-	-	-	-	-
SouthPac Gyre	329	18	3	6	6	-	-	-	1	-	-	1	-	-	1	-	-	-	-
Louisville	330	18	4	6	7	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Okinawa	331	10	1	4	3	-	-	-	-	-	1	-	-	-	-	-	-	1	-
NanTroSEIZE	332	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NantroSEIZE	333	11	3	4	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-
CRISP-A	334	15	3	8	2	-	1	-	-	1	-	-	-	-	-	-	-	1	-
Superfast	335	22	6	5	9	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Mid-Atl.Microbio	336	16	3	6	1	-	-	-	1	3	-	1	-	-	-	1	-	-	-
Shimokita	337	13	1	7	2	-	-	-	-	-	1	1	-	-	-	-	-	-	1
NanTroSEIZE-Riser2	338	Deadline for applications December 15, 2011																	
Med. Outflow	339	29/11	2/2	7	9/3	1	3/2	2	-	-	1	-	-	-	-	-	1	1/4	1
Lesser Antilles	340	25/1	6	7	9/1	-	2	-	-	-	1	-	-	-	-	-	-	-	-
S-Alaskan Marg	341	21/1	2	6	3/1	2	1	-	1	-	3	-	-	1	-	-	-	2	-
Newfoundland	342	28/5	1	2	16/4	-	2	2	-	1	1	-	2	1	-	-	/1	-	-
JFAST	343	Deadline for applications November 18, 2011																	
CRISP-A2	344	Deadline for applications December 15, 2011																	
Hess Deep	345	Deadline for applications December 15, 2011																	
JR		teachers			shore-based														
Chikyu																			

Expedition 336 (Mid-Atlantic Microbiology)

Berth #	IODP PMO #	Responsibility	Name	Status	Affiliation (ranking)	IODP PMO Balance														
						J-DESC (8)	ESSAC (8)	USSAC (8)	IODP-China (1)	ANZIC (1)	K-IODP (1)	INDIA (1)								
1	1	Co-chief Scientist	EDWARDS, Katrina	accepted	USSAC			1												
2	2	Co-chief Scientist	BACH, Wolfgang	accepted	ESSAC		1													
3		Expedition Project Manager	KLAUS, Adam	accepted	USIO															
4	3	Core Description - Sedimentologist	PARK, Young-Soo	accepted	K-IODP						1									
5	4	Core Description - Sedimentologist	BACKERT, Nicolas	accepted	ESSAC (late, F)		1													
6	5	Core Description - Petrologist	ROUXEL, Olivier	accepted	ESSAC (priority:F)		1													
7	6	Core Description - Petrologist	HARIGANE, Yumiko	accepted	J-DESC	1														
8	7	Core Description - Petrologist	LE CAMPION, Paul	accepted	ESSAC (late, F)		1													
9	8	Core Description - Petrologist	NAKAMURA, Kentaro	accepted	J-DESC (late)	1														
10	9	Physical Properties	LADA INSUA, Tania	accepted	USSAC (high,s)			1												
11	10	Hydrogeologist/Observatory Scientist	BECKER, Keir	accepted	USSAC (high)			1												
12	11	Inorganic Geochemist/Observatory Scientist	WHEAT, Geoff	accepted	USSAC (high)			1												
13	12	Inorganic Geochemist/Observatory Scientist	HULME, Sam	accepted	USSAC (low)			1												
14	13	Inorganic Geochemist	RENNIE, Victoria	accepted	ESSAC (priority:UK,s)		1													
15	14	Biogeochemist	MILLS, Heath	accepted	USSAC (mid)			1												
16	15	Microbiologist	RUSSEL, Joe	accepted	USSAC (low)			1												
17	16	Organic Geochemist	SAKATA, Kasumi	accepted	J-DESC (s)	1														
18	17	Microbiologist/Observatory Scientist	ORCUTT, Beth	accepted	ESSAC(alt,DK)		1													
19	18	Microbiologist/Observatory Scientist	HADDAD, Amanda	accepted	USSAC (high,s)			1												
20	19	Microbiologist	LETH JORGENSEN, Steffen	accepted	ESSAC (priority:N,s)		1	1												
21	20	Microbiologist	HIRAYAMA, Hisako	accepted	J-DESC	1				1										
22	21	Microbiologist	WANG, Fengping	accepted	IODP-China (alt)															
23	22	Microbiologist	MAMATHA, S.S.	accepted	INDIA									1						
24																				
25		Logging Staff Scientist	ANDERSON, Louise	accepted	USIO															
26		Microbiology Logging Tool Engineer	SALAS, Everett	accepted	PI/External funded	4	7	8	1	0	1	1								
27		Logging Engineer	MEISSNER, Eric	accepted	USIO															
28		Schlumberger Logging Engineer	FURMAN, Clayton	accepted	USIO															
29		Atmospheric Microbiologist	GRIFFIN, Dale	accepted	External funded															
..																				
						Total Scientists =							22							

7 ECORD: 3 F, 1 UK, 1 D (cc), 1 DK, 1 N

Expedition 339 (Mediterranean Outflow)

Berth #	Science Party #	Responsibility	Name	Status	Affiliation (ranking)	IODP PMO, Initial Staffing Target = 28														
						J-DESC (8)	ESSAC (8)	USSAC (8)	IODP-China (1)	ANZIC (1)	K-IODP (1)	INDIA (1)								
1	1	Co-chief Scientist	HERNANDEZ-MOLINA, Francisco	accepted	ESSAC (ES)		1													
2	2	Co-chief Scientist	STOW, Dorrik	accepted	ESSAC (UK)		1													
3		USIO Expedition Project Manager	ALVAREZ-ZARIKIAN, Carlos	accepted	USIO															
4		USIO Logging Staff Scientist	WILLIAMS, Trevor	accepted	USIO															
5		USIO Logging Staff Scientist	LOFFT, Johanna	accepted	USIO															
6	3	Core Description - Sedimentologist (1)	KRISSEK, Larry	accepted	USSAC (1)			1												
7	4	Core Description - Sedimentologist (2)	FLOOD, Roger	accepted	USSAC (2)			1												
8	5	Core Description - Sedimentologist (3)	DUCASSOU, Emmanuelle	accepted	ESSAC (2.45;F)		1	1												
9	6	Core Description - Sedimentologist (4)	NANAYAMA, Futoshi	accepted	J-DESC (A)	1														
10	7	Core Description - Sedimentologist (5)	FUROTA, Satoshi	accepted	J-DESC (A,s)	1														
11	8	Core Description - Sedimentologist (6)	KURODA, Junichiro	accepted	J-DESC (A)	1														
12	9	Core Description - Sedimentologist (7)	SLOSS, Craig	accepted	ANZIC					1										
13	10	Core Description - Sedimentologist (8)	TAKASHIMIZU, Yasuhiro	accepted	J-DESC (A)	1														
14	11	Core Description - Sedimentologist (9)	NISHIDA, Naohisa	accepted	J-DESC (A)	1														
15	12	Stratigraphic Correlator (1)	ACTON, Gary	accepted	USSAC (2)			1												
16	13	Stratigraphic Correlator (2)	LOURENS, Lucas	accepted	ESSAC (3;NL)		1	1												
17	14	Physical Properties Specialist (1)	BAHR, Andre	accepted	ESSAC (2.41;D)			1												
18	15	Physical Properties Specialist (2)	JIEMENEZ-ESPINO, Francisco	accepted	J-DESC (A)	1														
19	16	Paleomagnetist (1)	XUAN, Chung	accepted	USSAC (1)			1												
20	17	Paleomagnetist (2)	RICHTER, Carl	accepted	USSAC (2)			1												
21	18	Geochemist, Inorganic (1)	MILLER, Madeline	accepted	USSAC (1,s)			1												
22	19	Geochemist, Inorganic (2)	HODELL, David	accepted	ESSAC (3;UK)			1												
23	20	Geochemist, Inorganic (3)	KIM, Jin Kyoung	accepted	K-IODP						1									
24	21	Geochemist, Organic (3)	TZANOVA, Alexandrina	accepted	USSAC (1,s)			1												
25	22	Micropaleontologist - Nannofossils (1)	BALISTRA, Barbara	accepted	USSAC (1)			1												
26	23	Micropaleontologist - Nannofossils (2)	FLORES, Jose Abel	accepted	ESSAC (emergency)															
27	24	Micropaleontologist - Planktonic Foram (3)	LI, Baohua	accepted	IODP-China					1										
28	25	Micropaleontologist - Planktonic Foram (4)	SIERRO, Francisco	accepted	ESSAC (2.91;ES)			1												
29	26	Micropaleontologist - Planktonic Foram (5)	SINGH, Arun	accepted	INDIA								1							
30	27	Micropaleontologist - Benthic Foram (6)	GRUBERT, Patrick	accepted	ESSAC (2.27)															
31	28	Micropaleontologist - Planktonic Foram (7)	VOELKER, Antje	accepted	ESSAC (2.68,P)			1												
32	29	Micropaleontologist - Palynologist (8)	SANCHEZ GONI, Maria	accepted	ESSAC (3;F)			1												
33		Operations Superintendent	GROUT, Ron	USIO		6	10	8	1	1	1	1	1							
34		Schlumberger Logging Engineer	SWAIN, Kerry	USIO																
..																				
						Total Scientists =							28							

10 ECORD: 2 F, 2 UK (1 cc), 1 D, 2 ES (1 cc), 1 P, 1 A, 1 NL

Expedition 340 (Lesser Antilles)

STARS	Candidate		C	Expertise	
Expedition 340 (Lesser Antilles)					
FULL PARTICIPATION					
First priority list (8 ECORD berths)			(4 France, 2 UK, 2 Germany)		
	Le Friant	Anne	F	Co-chief	
3,00	Boudon	Georges	F	Petrologist Sedimentologist Structural Geologist	Professor
2,91	Palmer	Martin	UK	Inorganic Geochemist	Professor
2,91	Talling	Peter	UK	Petroleum Geologist Logging Scientist Physical Properties Specialist Sedimentologist Stratigraphic Correlat	Principal Scientist
2,82	KOMOROWSKI	Jean-Christophe	F	Sedimentology/Volcanology	Professor
2,73	Behrmann	Jan	D	Physical Properties Specialist Structural Geologist	
2,64	VILLEMANT	Benoit	F	Inorganic Geochemist Petrologist	Professor
2,50	Breitkreuz	Christoph	D	Petrologist Physical Properties Specialist Sedimentologist	Professor
First-priority candidates if ECORD will get 9th berth (for priority see explanation in email)					
2,55	Lafuerza	Sara	F	Physical Properties Specialist invited	Post Doctoral researcher
First-priority alternates if ECORD will get 10th berth, other expertise needed or other candidates have to decline (for priority see explanation in email)					
2,45	*Longpré	Marc-Antoine	CND	Inorganic Geochemist Petrologist Stratigraphic Correlator Structural Geologist	Postdoctoral Fellow
2,27	Hart	Malcolm	UK	Paleontologist (Foraminifer-Benthic) Paleontologist (Foraminifer-Planktonic) Stratigraphic Correlator	Emeritus Professor
2,27	Kutterolf	Steffen	D	Inorganic Geochemist Petrologist Sedimentologist Stratigraphic Correlator	Post Doc
2,23	Watt	Sebastian	UK	Geophysicist Sedimentologist Stratigraphic Correlator	Post Doctoral researcher
2,14	Mahony	Sue	UK	Petrologist Sedimentologist Stratigraphic Correlator Structural Geologist	Post Doctoral researcher
2,14	Revillon	Sidonie	F	Inorganic Geochemist Petrologist Sedimentologist	Researcher
* due to very positive Canadian quota only if no other candidate with the same expertise/experience available					
Second-priority alternates if other expertise needed or other candidates have to decline					
1,86	Crutchley	Gareth	D	Geophysicist	Post Doc
1,82	Wall-Palmer	Deborah	UK	Biologist Paleontologist (Foraminifer-Benthic) Paleontologist (Foraminifer-Planktonic)	PhD Student
1,77	Uraub	Morelia	UK	Geophysicist Logging Scientist Physical Properties Specialist Sedimentologist	Postgraduate student/PhD student
1,55	Buret	Christophe	F	Sedimentologist	Professor
1,55	Burkert	Cosima	D	Sedimentologist	PhD student
1,50	Kinwig	Helen	UK	Sedimentologist	Final year PhD student
1,50	Smith	Natasha	UK	Inorganic Geochemist Logging Scientist Petrologist Physical Properties Specialist	PhD Student
1,45	Karstens	Jens	D	Geophysicist	graduate student (MSc)
1,18	Schindlbeck	Julie	D	Petrologist Sedimentologist Stratigraphic Correlator	student
SHORE-BASED (name will be forwarded)					
2,67	Trofimovs	Jessica	UK	Logging Scientist Sedimentologist Stratigraphic Correlator	Principal Research Scientist

Berth #	IODP PBO Berth #	Responsibility	Name	Status	Affiliation (ranking)	J-DESC	ESSAC	USSAC	IODP-China	ANZIC	K-IOOP	INDIA
						(8)	(8)	(8)	(1)	(1)	(1)	(1)
1	1	Chief Scientist	LE FRIANT, Anne	accepted	ESSAC (F)		1					
2	2	Chief Scientist	ISHIZUKA, Osamu	accepted	J-DESC	1						
3		USIO Expedition Project Manager	STRONCIK, Nicole	accepted	USIO							
4		USIO Logging Staff Scientist	SLAGLE, Angela	accepted	USIO							
5	3	Core Description - Sedimentology/Volcanology (1)	KOMOROWSKI, Jean-Christophe	accepted	ESSAC (F,1st)		1					
6	4	Core Description - Sedimentology/Volcanology (2)	MCCANTA, Molly	Accepted	USSAC (1)			1				
7	5	Core Description - Sedimentology/Volcanology (3)	TABATA Yoshihiko	Accepted	J-DESC (1)	1						
8	6	Core Description - Sedimentology/Volcanology (4)	KATAOKA, Kyoko	Accepted	J-DESC (2)	1						
9	7	Core Description - Sedimentology/Volcanology (5)	MAENO, Fukashi	Accepted	J-DESC (4)	1						
10	8	Core Description - Sedimentology/Volcanology (6)	WANG, Fei	Accepted	IODP-China				1			
11	9	Core Description - Sedimentology/Volcanology (7)	FUJINAWA, Akihiko	Accepted	J-DESC	1						
12	10	Core Description - Sedimentology/Volcanology (8)	ENDO, Daisuke	Accepted	J-DESC	1						
13	11	Core Description - Structural Geology (10)	BOUDON, Georges	Accepted	ESSAC (F,1st)		1					
14	12	Core Description - Structural Geology (11)	COHEN, Benjamin	Accepted	ANZIC					1		
15	13	Physical Properties/Downhole Measurements (1)	TALLING, Peter	Accepted	ESSAC (UK,1st)		1					
16	14	Physical Properties/Downhole Measurements (2)	BREITKREUZ, Christoph	Accepted	ESSAC (D,1st)		1					
17	15	Physical Properties/Downhole Measurements (3)	LAFUERZA, Sara	Accepted	ESSAC (F,1st)		1					
18	16	Physical Properties/Downhole Measurements (4)	HORNBAUGH, Matthew	Accepted	USSAC (1)			1				
19	17	Physical Properties/Downhole Measurements (5)	MANGA, Michael	Accepted	USSAC (2)			1				
20	18	Physical Properties/Downhole Measurements (6)	ADACHI, Tatsuya	Accepted	J-DESC(s)	1						
21	19	Paleomagnetist (1)	SAITO, Takeshi	Accepted	J-DESC	1						
22	20	Paleomagnetist (2)	HATFIELD, Robert	Accepted	USSAC (1,pd)			1				
23	21	Geochemist, Inorganic (1)	PALMER, Martin	Accepted	ESSAC (UK,1st)		1					
24	22	Geochemist, Inorganic (2)	VILLEMANT, Benoit	Accepted	ESSAC (F,1st)		1					
25	23	Geochemist, Inorganic (3)	MCMANUS, James	Accepted	USSAC (2)			1				
26	24	Geochemist, Inorganic (4)	SUBRAMANYAM, K.S.V.	Accepted	INDIA							1
27	25	Micropaleontologist - Foram (1)	HART, Malcolm	Accepted	ESSAC (UK,2st)		1					
28	26	Micropaleontologist - Foram (2)	FRAASS, Andrew	Accepted	USSAC (1,s)			1				
29	27	Micropaleontologist - Foram (3)	MARTINEZ-COLON, Michael	Accepted	USSAC (2,s)			1				
30	28	Micropaleontologist - Nannofossil (4)	ALJAHDALI, Mohammed	Accepted	USSAC (2,s)			1				
31						8	9	8	1	1	0	1

9 ECORD: 5 F (1 cc), 3 UK, 1 D

Expedition 341 (South Alaska Margin)

Stars	Full participation	Candidate		C	Expertise	
Expedition 341 (South Alaska margin)						
First-priority list for the eight ECORD berths						
2,80		Chapron	Emmanuel	F	Sedimentologist	Assistant Professor
2,80		McClymont	Erin	UK	Organic Geochemist Sedimentologist	Lecturer
2,60		Bahlburg	Heinrich	D	Sedimentologist	professor
2,60		Forwick	Matthias	N	Sedimentologist	Researcher (Post.Doc.)
2,50		Bailey	Ian	UK	Sedimentologist Stratigraphic Correlator	Teaching Fellow
2,50		Kender	Sev	UK	Paleontologist (Foraminifer-Benthic) Paleontologist (Foraminifer-Planktonic)	Micropaleontologist
2,44		Mueller	Juliane	D	Organic Geochemist Sedimentologist	PhD student
2,00		Hoareau	Guilhem	F	Inorganic geochemistry, pore waters	Post-Doc
First-priority alternates if other expertise needed or other candidates have to decline						
2,89		*St-Onge	Guillaume	CND	Paleomagnetist Physical Properties Specialist Sedimentologist	Professor
2,50		Köykkä	Juha	FIN	Sedimentologist	post-doc reseacher
2,40		*Arnaud	Emmanuelle	CND	Sedimentologist	professor
2,40		Romero	Oscar	ES	Biologist Paleontologist (Diatoms)	
2,20		Basak	Chandranath	D	Sedimentologist Paleontologist (Foraminifer-Benthic) Paleontologist (Foraminifer-Planktonic)	Post-Doc
2,20		Vogt	Christoph	D	Inorganic Geochemist Petrologist Sedimentologist	Senior Researcher
2,10		*Pospelova	Vera	CND	Palyonologist Paleontologist (Dinoflagellate)	Associate Professor
2,10		Vautravers	maryline	UK	Paleontologist (Foraminifer-Benthic) Paleontologist (Foraminifer-Planktonic)	Research Associate
2,00		Lopes	Cristina	P	Paleontologist (Diatom) Sedimentologist	Post-Doc researcher
* due to very positive Canadiana quota only to be invited if no other candidate with the same expertise/experience available						
Second-priority alternates if other expertise needed or other candidates have to decline						
1,78		Schreck	Michael	D	Paleontologist (Dinoflagellate) Sedimentologist	PhD student
1,50		Riethdorf	Jan-Rainer	D	Inorganic Geochemist Logging Scientist Sedimentologist Paleontologist (Foraminifer-Planktonic)	PhD student
1,30		Bartoli	Gretta	CH	Organic Geochemist Sedimentologist	Post-Doc
1,10		Kwiecien	Ola	CH	Inorganic Geochemist Sedimentologist	post-doc reseacher
1,00		Stroynowski	Zuzanna	P	Paleontologist (Diatom) Sedimentologist	
SHORE-BASED participation						
2,89		Parrish	Randall	UK	Inorganic Geochemist Petrologist Metamorphic Petrologist Structural Geologist	Professor

South Alaska						IODP PMO, Initial Staffing Target = 28						
Berth #	IODP PMO Berth #	Responsibility	Name	Status	Affiliation (ranking)	J-DESC (B)	ESSAC (B)	USSAC (B)	IODP-China (1)	ANZIC (1)	K-IODP (1)	INDIA (1)
1	1	Co-chief Scientist	JAEGER, John	accepted	USSAC			1				
2	2	Co-chief Scientist	GULICK, Sean	accepted	USSAC			1				
3		USIO Expedition Project Manager	PETRONOTIS, Katerina	accepted	USIO							
4		USIO Logging Staff Scientist	EVANS, Helen	accepted	USIO							
5		USIO Logging Staff Scientist	TBN									
6	3	Core Description - Sedimentologist (1)	COWAN, Ellen	accepted	USSAC (1)			1				
7	4	Core Description - Sedimentologist (2)	FORWICK, Matthias	accepted	ESSAC (1st,N)		1					
8	5	Core Description - Sedimentologist (3)	BAILEY, Ian	accepted	ESSAC (1st, UK)		1					
9	6	Core Description - Sedimentologist (4)	MOY, Chris	accepted	ANZIC					1		
10	7	Core Description - Sedimentologist (5)	CHAPRON, Emmanuel	accepted	ESSAC (1st,F)		1					
11	8	Core Description - Sedimentologist (6)	BAHLBURG, Heinrich	accepted	ESSAC (1st,D)		1					
12	9	Core Description - Sedimentologist (7)	MUELLER, Juliane	accepted	ESSAC (1st,D)		1					
13	10	Core Description - Structural Geologist (8)	RIDGEWAY, Kenneth	accepted	USSAC (1)			1				
14	11	Physical Properties/Stratigraphic Correlator (1)	MIX, Alan	accepted	USSAC (1)			1				
15	12	Physical Properties/Stratigraphic Correlator (2)	ST-ONGE, Guillaume	accepted	ESSAC (alt 1st;C)		1					
16	13	Physical Properties Specialist (3)	OJIMA, Tahanori	accepted	J-DESC (4,s)	1						
17	14	Physical Properties Specialist (4)	KIOKA, Arata	accepted	J-DESC (5,s)	1						
18	15	Physical Properties Specialist/Core-log-seismic Integration	WORTHINGTON, Lindsay	accepted	USSAC (1,pd)			1				
19	16	Paleomagnetist (1)	STONER, Joseph	accepted	USSAC (1)			1				
20	17	Paleomagnetist (2)	GE, Shulan	accepted	IODP-China				1			
21	18	Geochemist, Inorganic (1)	HOAREAU, Guilhem	accepted	ESSAC (1st,F)		1					
22	19	Geochemist, Inorganic (2)	NAKAMURA, Atsunori	accepted	J-DESC (6,s)	1						
23	20	Geochemist, Organic (3)	MCCLYMONT, Erin	accepted	ESSAC (1st, UK)		1					
24	21	Geochemist, Organic (4)	CHILDRESS, Laurel	accepted	USSAC (1,s)			1				
25	22	Micropaleontologist - diatom (1)	SUTO, Itsuki	accepted	J-DESC (1)	1						
26	23	Micropaleontologist - diatom (2)	ROMERO, Oscar	accepted	ESSAC (alt 1st;ES)		1					
27	24	Micropaleontologist - diatoms (3)	KONNO, Susumu	accepted	J-DESC (3)		1					
28	25	Micropaleontologist - diatoms (4)	FUKUMURA, Akemi	accepted	J-DESC (2,s)	1						
29	26	Micropaleontologist - benthic foram (5)	MAZUMDER, Abhijit	accepted	INDIA							1
30	27	Micropaleontologist - planktonic foram (6)	KUROYANAGI, Azumi	accepted	J-DESC (6,pd)	1						
31	28	Micropaleontologist (7) - benthic/planktonic foram	BELANGER, Christina	accepted	USSAC (1,s)			1				
32	29	Micropaleontologist (8) - radiolarians	MIZUNUMA, Hirokazu	accepted	J-DESC (8,s)	1						
33						8	9	9	1	1	0	1

9 ECORD: 2 F, 2 UK, 2 D, 1 ES, 1 N, 1 CND

Expedition 342 (Newfoundland Sediment Drift)

Name	Country	Expertise	Position	Institution
Agnini	Claudia Sweden (Italy)	Paleontologist (Nannofossil)	Assistant Professor	Stockholm University / Dipartimento di Geoscienze,
Alegret	Laila Spain	Physical Properties Specialist Sedimentologist	Professor	University of Zaragoza
Bijl	Peter The Netherlands	Palynologist Paleontologist (Dinoflagellate)	PhD student	Utrecht University
Bolton	Clara Spain	Inorganic Geochemist Sedimentologist	postdoctoral research	University of Oviedo
Bornemann	André D	Paleontologist (Nannofossil) Sedimentologist	lecturer	Universität Leipzig
Boullila	Slah F	Sedimentologist	permanent teacher a	Université Pierre et Marie Curie, Paris
Bown	Paul UK	Paleontologist (Nannofossil)	Professor	Dept. of Earth Sciences, University College London
Campbell	Calvin Can	Geophysicist Physical Properties Specialist	PhD student	Dalhousie University Halifax
Clarke	Leon UK	Inorganic Geochemist Physical Properties Specialist	Lecturer	University of Bradford
Edgar	Kirsty UK		postdoctoral research	School of Earth and Ocean Sciences , Cardiff Univer
Friedrich	Oliver D	Sedimentologist Paleontologist (Foraminifer)	Emmy-Noether group	Goethe-Universität Frankfurt
Greenop	Rosanna UK	Physical Properties Specialist Sedimentologist	PhD student	University of Southampton
Hermoso	Michael UK	Inorganic Geochemist Sedimentologist	NERC Reasearch Fello	Univeristy of Oxford, Dept of Earth Sciences
Houben	Alexander The Netherlands	Palynologist Paleontologist (Dinoflagellate)	PhD-student	Biomarine Sciences, Institute of Environmental Biol
Jiménez Berrocoso	Álvaro UK		Postdoctoral Research	University of Manchester
Kender	Sev UK	Paleontologist (Foraminifer-Benthic) Paleon	Micropalaeontologist	British Geological Survey
Kordesch	Wendy UK	Inorganic Geochemist Sedimentologist	Graduate Student	University of California Santa Cruz (End: Dec 2011)
Liebrand	Diederik UK	Inorganic Geochemist Sedimentologist	Ph.D.-candidate	National Oceanography Centre, Southampton; Univ
Maerz	Christian UK	Inorganic Geochemist Sedimentologist	Research Fellow	School of Civil Engineering and Geosciences, Newca
Muttoni	Giovanni Italy	Paleomagnetist	Associate Professor	Department of Earth Sciences, University of Milan
Päilke	Heiko UK	Sedimentologist Stratigraphic Correlator		National Oceanography Centre Southampton
Robinson	Stuart UK	Inorganic Geochemist Logging Scientist	Senior Research Fello	University College London
Sexton	Phillip UK	Physical Properties Specialist Sedimentologist	Lecturer	The Open University
Sghibartz	Cristina UK	Inorganic Geochemist Physical Properties Specialist	PhD student	School of Ocean and Earth Science, University of Sc
Silwinska	Katarzyna Denmark	Organic Geochemist Sedimentologist	Post Doc	Geological Survey of Denmark and Greenland - GEL
Toney	Jaime UK	Biologist Organic Geochemist Palynologist	Post Doctoral Resear	University of Glasgow
Wagner	Thomas UK	Organic Geochemist Petroleum Geologist	Professor	Newcastle University
Willumsen	Pi Suhr Sweden	Palynologist Paleontologist (Dinoflagellate)	Researcher	Lund University, Depart. of Earth and Ecosystem Sc
Bohaty	Steven UK	Sedimentologist	postdoctoral research	National Oceanography Centre Southampton
D'haens	Simon Belgium	Paleontologist (Foraminifer-Benthic)	PhD student	Katholieke Universiteit Leuven
Dickson	Alexander UK	Inorganic Geochemist Sedimentologist	Post-doctoral researc	The Open University
Dunkley Jones	Tom UK	Paleontologist (Nannofossil)	Royal Society Doroth	Imperial College London
Lees	Jacqueline UK	Paleontologist (Nannofossil)	NERC Research Assoc	Dept. of Earth Sciences, UCL

Ranking and nominations in process -> ESSAC delegates

R. Stein showed 3 quota tables; the first one with the quotas until May 2012, the second one with the quotas until October, and the last one with a tentative quota including the 337 and 342 Expeditions.

QUOTA (ESSAC Meeting October 2012; plus 337 and 342)

Exp 334	Exp 335	Exp 336	Exp 337	Exp 339	Exp 340	Exp 341	Exp 342	Exp 343	Total berths so far	Member	NEW Financial Contribn	NEW Entitlement	ALLOC	Co-chief
2	4	3	1	2	5	2	1		74	France	25,5%	81,4	-7,4	7
3	1	1	4	1	1	2	2		83	Germany	26,1%	83,2	-0,2	6
1	4	1	2	2	3	2	4		81	UK	25,5%	81,4	-0,4	6
6	9	5	7	5	9	6	7	0	238	Sum	77,1%	246,0	-8,0	
			1	1					2	Austria	0,5%	1,7	0,3	
						1			1	Belgium	0,2%	0,5	0,5	
									8	Canada	1,6%	5,2	2,8	1
		1	1						8	Denmark	2,1%	6,6	1,4	
									2	Finland	0,4%	1,3	0,7	
									0	Iceland	0,1%	0,4	-0,4	
									1	Ireland	0,7%	2,2	-1,2	
1									9	Italy	1,1%	3,7	5,3	2
				1			1		8	The Netherlar	1,8%	5,9	2,1	1
		1				1			10	Norway	5,0%	16,1	-6,1	
1				1					4	Portugal	0,5%	1,7	2,3	
				2		1			12	Spain	2,9%	9,4	2,6	2
							1		8	Sweden	3,3%	10,4	-2,4	1
									8	Switzerland	2,6%	8,1	-0,1	
2	0	2	2	5	0	3	2	0	81	Sum	22,9%	73,0	8,0	
8	9	7	9	10	9	9	9	0	319	Total ECORD		319	0,0	
I	UK, F	Ger	Ger	JK, ES	F			UK						

There was a discussion among delegates about that the quota table should be clearer, including explanation or clarifications (i.e. Why Italy has many participants because Italians have sailed when there were not enough applicants from other ECORD countries with an specific expertise).

> ESSAC Action Item 1110-04: ESSAC Office to modify Quota table to reflect participation of scientists representing ECORD (not an specific country) including Russian participation.

5.2 SAS panel nominations/changes:

R. Stein and C. Escutia summarized about SAS panel nominations and changes within the SAS.

Population of SAS	NEW SAS						TOTAL; observers excluded
	SIPCOM	PEP	TP	SCP	EPSP	EDP ?	
USA	5	10	5	5	7	0	32
JAPAN	5	10	5	5	7	0	32
ECORD	3	8	4	4	4	0	23
Associate Members	1	0	0	0	0	0	1
PEP chair	1	0	0	0	0	0	1
ANZIC	0	1	1	1	0	0	3
KOREA	0	1	1	1			3
CHINA	0	1	1	1			3
INDIA	0	1	1	1		0	3
TOTAL	15	32	18	18	18	0	101

New SAS

To continue with the existing panel members in the new panels and follow the existing rotation plan (i.e., we will have the memory effect of the old panels, and before the beginning the new program most of the members will be replaced by young/new people).

ECORD Memberships in New SAS

Science Implementation and Policy Committee (SIPCOM)

Javier Escartin	France (- Oct 13)	Ruediger Stein	Germany (- Oct 13)
Paul Wilson	UK (- Oct 14)	*Jan de Leeuw	The Netherlands (- Oct 13)
			* Chairman

New members

Proposal Evaluation Panel (PEP)

*Dick Kroon	UK (-Oct 13)	Michael Strasser	Switzerland (- May 14)
Maryline Moulin	Portugal (- May 14)	Dave Hodell	UK (- Nov 12)
*John McLennan	UK (- May 12)	Tim Ferdelman	Germany (- Nov 12)
Jürgen Koepke	Germany (- Nov 12)	*Julie Carlut	France (- Nov 11)
Nabil Sultan	France (- May 14)		

* Will be replaced by Stuart Robinson after the May 2012 Meeting

* Will be replaced by Adélie Delacour after the November 2011 Meeting

* Chairman

ECORD Memberships in New SAS

Site Characterisation Panel (SCP)

Gilles Lericolais	France (- Nov13)	Peter Clift	UK (- Nov13)
Gabi Uenzelmann	Germany (- Nov12)	Roger Urgeles	Spain (- Nov12)

Environment Protection and Safety Panel (EPSP)

Martin Hovland	Norway (Sep 10 -)	Philippe Lapointe	France (Dec 06 -)
Bramley Murton	UK (Sep 10 -)	Dieter Strack	Germany (Dec 03 -)

Scientific Technology Panel (STP)

Nathalie Vigier	France (- Feb 13)	Cedric John	UK (- Feb 14)
Stefan Kutterolf	Germany (- Feb 14)	Douglas Schmitt	Canada (- Aug 12)

New members

17th ESSAC Meeting, Dublin, Ireland, October 25-27, 2011

> **ESSAC Action Item 1110-05:** ESSAC Office to contact chairs of PEP & SCP to check for required expertise in panels to issue calls for rotation ECORD members in SAS in Nov 12.

> **ESSAC Action Item 1110-06:** ESSAC Office to issue calls for nominations for the SAS panels to replace members rotating by Nov 2012.

6. ECORD Highlights

6.1 ECORD Highlight (1)

Peter Haughton (University College Dublin) presented a talk titled "New insight on Irish Atlantic marine geology from densely cored deep-sea systems"

6.2 ECORD Highlight (2)

Dorrik Stow (Institute of Petroleum Engineering, Scotland) presented the scientific goals in Expedition 339 "Environmental significance of the Mediterranean outflow water and its global significance"

7. Education and outreach

7.1 ECORD Summer Schools 2011 (Reports)

7.1.1 The Urbino Summer School in Paleoclimatology 2011

S. Schouten gave a report about the Urbino Summer School in Paleoclimatology: participation,, structure of school, lectures and activities.

Table 2. Participants to USSP2011 and their nationality. USSP received more 100 applications this year and was able to accept 64 participants, several of them received a scholarship from different institutions.

Surname	Name	Nationality	Surname	Name	Nationality
1 Auer	Gerald	Austrian	33 Konijnendijk	Tiuri	Dutch
2 Barrott	Julia	UK	34 Lauretano	Vittoria	Italian
3 Beddow-Twigg	Helen	Dutch	35 Lenniger	Marc	German
4 Bradley-Dosaj	Sam	UK	36 Lenoir	Guillaume	Belgian
5 Chalk	Thomas	UK	37 Loptson	Claire	British
6 Chritz	Kendra	USA	38 Markovic	Stefan	Serbian
7 Chun	Zhu	Chinese	39 Mejía Ramírez	Luz María	Spanish
8 Ciummelli	Marina	Italian	40 Mitchell Larson	Eli	USA
9 de Gasperi	Giovanni	Italian	41 Mojtahid	Meryem	Moroccan
10 Demchuk	Thomas	USA	42 Owens	Ryan	Australian
11 Driscoll	Robin	UK	43 Palumbo	Eliana	Italian
12 Drury	Anna Joy	UK	44 Patterson	Molly	New Zealand
13 Dubois	Nathalie	Swiss	45 Pérez-Rodríguez	Irene	Spanish
14 Emanuele	Dario	Italian	46 Perretti	Adriana	Brasilian
15 Fang	Linhao	Chinese	47 Petrick	Benjamin	UK
16 Fenero	Raquel	Spanish	48 Plancq	Julien	French
17 Fox	Lyndsey	UK	49 Razik	Sebastian	German
18 Fraass	Andrew	USA	50 Reghellin	Daniele	Italian
19 Frings	Patrick	UK	51 Reyes	Dharma	Chilean
20 Gallagher	Timothy	USA	52 Ribeiro Duarte	Tiago	Brasilian/Italian
21 Gray	William	UK	53 Ruggieri	Gabriella	Italian
22 Greenop	Rosanna	British	54 Safra	Anissa	Tunisian
23 Griffith	Fritz	Canadian	55 Sankelo	Paula	Finnish
24 Henehan	Michael	UK	56 Santarosa	Ana Claudia	Brazilian
25 Hennekam	Rick	Dutch	57 Simon	Margit	UK
26 Hubert	Lucie	Canadian	58 Su	Xiang	Chinese
27 Iwai	Fabiane	Brazilian	59 Tessin	Allyson	Norwegian
28 Keating-Bitonti	Caitlin	USA	60 van Helmond	Niels	Dutch
29 Keul	Nina	German	61 Van Rampelbergh	Maité	Belgian
30 Khadun	Emma	UK	62 Wendy	Kordesch	USA
31 Koch	Mirjam	German	63 White	Sarah	USA
32 Komar	Nemanja	Serbian	64 Zheng	Xinyuan	Chinese

-A first week was almost exclusively centered on IODP/JOI elements, mainly including elements of the ‘School of Rock’ by Mark Leckie (UMass. Amherst, USA). This allowed developing several student-centered investigations within the broader structure of a "virtual IODP leg" and comparison of oceanic sequences with the local succession counterparts.

- Integrated topical lectures by internationally recognized scientists.

- Student-centered data-rich exercises, investigations, and presentations on field data and modeling results.

- Parallel sessions providing groups of participants with a more focused coverage of selected topics within paleoclimatology.

- A regional field excursion to classic Cretaceous and Cenozoic sections.

- Intensive discussions of specific palaeoclimate topics in small student working groups.

- USSP 2011 program included a 1-day workshop (July 24, 2011) where many instructors gave informal presentations on their latest, often unpublished, field and modeling results, providing students with an excellent opportunity to experience the cutting edge of scientific progress.

- Student 2011 course evaluations assessed USSP 2011 as extremely positive.

7.1.2 ECORD Summer School on Geodynamics of Past Climate Changes

R. Stein gave a short report about the ECORD Summer School on Subseafloor Fluid Flow and Gas Hydrates.

The Participants: 24 PhD students and young post-docs from Europe & Canada & USA
(11 Germany, 3 UK, 2 France, 2 Spain, 2 Canada, 1 Sweden, 1 Romania, 1 Turkey, 1 USA)

Outlook: GLOMAR and MARUM plan to address the three major topics of the IODP Initial Science Plan :

- Earth History
- The Deep Subseafloor Biosphere
- Solid Earth Cycles and Geodynamics

In a recurring three year cycle of summer schools taking advantage of the unique “virtual ship” facilities in Bremen. After finishing the first cycle in 2009, we started with the 2nd cycle in 2010 and will conclude this one with the ECORD Summer School on “Submarine landslides, earthquakes and tsunamis”, September, 2012, Bremen

7.1.3. Outlook and ECORD Summer Schools 2012

J. Gutierrez-Pastor gave an outlook of ECORD Summer School 2012.

ESSAC Consensus 1105-01: ESSAC approves that in 2012 three ECORD Summer Schools will be granted:

- ECORD Bremen Summer School 2012 on “Submarine Landslides, Earthquakes and Tsunamis”
- ECORD IODP-Canada Summer School on “Impacts of the cryosphere dynamics from land to ocean.
- Urbino Summer School in Paleoclimatology 2012

Next CALL to host a Summer School 2013: November/December 2011
Deadline for applications^o End of April 2012.

> ESSAC Action Item 1110-09: ESSAC Office to issue calls for summer schools scholarships 2012 during January 2012.

J. Gutierréz-Pastor showed an expression of interest of Adélie Delacour to organize an ECORD Summer School in serpentinitation in 2013.

7.2 ECoRD Scholarships and Grants 2011

J. Gutierrez-Pástor presented a short overview of ECORD Scholarships and Grants 2011.

Scholarships

Call to be issued: December or early January 2012

Deadline for applications: March 2012

Review by ESSAC Science Committee: ESSAC May 2012 meeting

Summary 2011, 50 valid applications (Bremen: 11, USSP: 41) 15 countries:12 ECORD countries + Russia, Brazil

14 Scholarships granted

With regards to the scholarships the ESSAC Office will proceed to develop a proposal for handling the review and ranking of the scholarships that involves the schools.

> **ESSAC Action Item 1110-07:** ESSAC Office to circulate among telega4es a revised proposal for the handling of the review and selection of applicants for ECORD Scholarships.

Grants

Call to be issued: January 2012

Deadline for application: March 2012

Summary 2011

14 valid applications, 5 countries: 8UK, 2S, 2D, 1NL, 1I

Review by ESSAC: end of May 2012

7.30 Distinguished Lecturer Programme 2010/2012

J. Gutierrez- Pastor presented an update of the DLP Program. She showed the list of host applicants and the number of lectures of each lecturer in Europe and outside Europe.

- Kai-Uwe Hinrichs 5 Lectures (1 USA + 4 Europe)

- Dominique Weis gave 7 Lectures (2 Canada +5 Europe)

Scheduled after ESSAC May meeting: 8 Lectures: 3 Canada + 5 Europe

- Helmut Wiessert: 6 Lectures (1 Canada + 5 Europe)

She announced the next call to host DL after the 17th ESSAC meeting.

> **ESSAC Action Item 1110-10:** ESSAC Delegates to propose next DLP nominations during the ESSAC May 2012 meeting.

8. Workshop Reports

8.1 ESF Magellan Programme: Present and Future

Jochen Erbacher presented the last Magellan workshops and future planning for the Magellan Plus series.

Upcoming and last workshop:

Title: Arctic Ocean drilling and the site survey challenge, Dates: 01 - 03/11/2011,

Location: Copenhagen, Convenor: N Mikkelsen (DK)

Future - Planning a succession

- Agreement to propose a new programme
- For scientific drilling in general (continental and oceanic)
- ESF - RNP if possible
- „Steering group“: Luc Lourens, Marit Seidenkrantz and Ales Spicak
- New name: *Magellan Plus*

Option to save the MagellanPlus idea

- For a total of approx. 60 k€ we could organize MagellanPlus
- 50k€ from ECORD, 10k€ from ICDP
- IODP Germany offers to organize MagellanPlus (calls, proposal handling, SC decisions, propaganda, etc.) DFG agreed!
- ESSAC or EMA could collect and distribute funding.
- SC could be slim and consist of ESSAC (4 fifths) and ICDP (1 fifths) delegates.
- This interim solution should be able to carry us through the next 2 years.

Now that the MagellanPlus idea is saved:

- Terms of references were written and need to be approved by the ECORD council.
- 50k€ from ECORD, 5k€ from ICDP
- IODP Germany will organize MagellanPlus (calls, proposal handling, SC decisions, propaganda, etc.)
- EMA and ICDP will distribute funding to PI of workshop proposals.
- SC will consist of 5 ESSAC and 1 ICDP delegates.
- **First call for proposals to be published soon after the next council meeting.**

Terms of references

- Oversight of Magellan+ Workshop Series Program will be under the purview of the Scientific

Steering Committee (SSC)

- ECORD and ICDP will provide annual budget guidance to the SSC.
- The SSC will meet annually about one month after the February 1st call.
- The SSC will report by-annually to ESSAC and annually to ICDP. A written statement on the use of the funds will be submitted to the ECORD council annually. In order to minimize administration costs the SSC will have seven members only including one chair, five ESSAC delegates and one ICDP delegate.
- The SSC chair and vice chair shall be elected by ESSAC and approved by ICDP and the ECORD council. The SSC chair shall be liaison to the ESSAC, with the vice-chair as alternate.
- SSC decisions about proposals shall be sent to the ECORD Management Agency (EMA) or ICDP respectively, in order for them to provide funding.

Preliminary MagellanPlus SSC

The proposal involves colleagues who were involved in the planning of MagellanPlus:

Chair :

Jochen Erbacher

SSC Members:

Luc Lourens (CoChair?)

Rudi Stein

Serge Berné (not accepted yet)

Ales Spicak

Marit-Solveig Seidenkrantz

UK rep. to be nominated

> ESSAC Consensus Item 1110-04: ESSAC consensus on the nomination of Jochen Erbacher as Chair and Lucas Lourens as Vice-Chair of the MagellanPlus Scientific Steering Committee.

> ESSAC Action Item 1110-11: ESSAC Office to elevate ESSAC nominations of the MagellanPlus Program Chair and Vice-Chair for approval during the ECORD Council meeting in November 2011.
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8.2 Report on further workshops and conferences

R. Stein reported on further workshops and conferences.

- IODP-MI Indian Ocean Workshop, Goa, India, Oct 17-19, 2011

- 3P Artic Conference, 30 August-2 September 2011, Halifax, Canada:

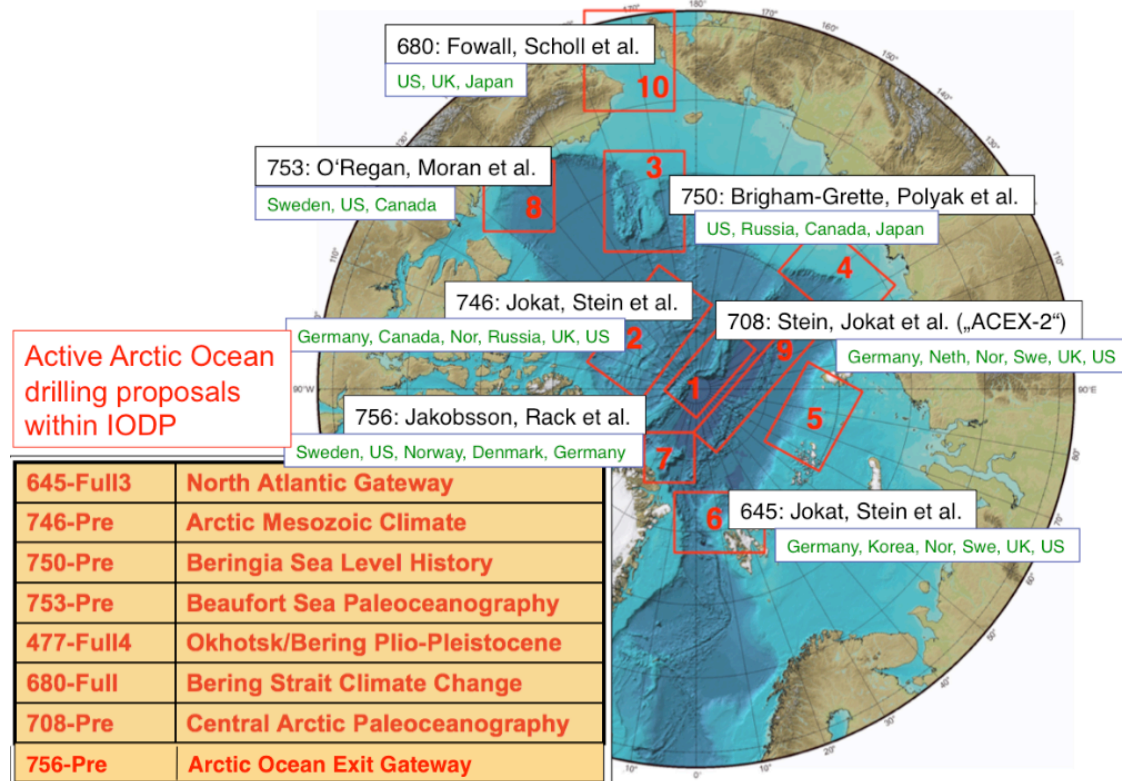
Nucleus for further discussions and future joint ventures in Arctic Ocean drilling between academia and industry

-Source Rocks 12-14 September, 2011, London, UK

- Arctic Drilling Workshops:

R. Stein showed the workshop program in detail and the proposals already within IODP.

Key areas (1-10) for future Arctic Ocean Drilling



- Coordinated Scientific Drilling in the Beaufort Sea, 12-15 February, Kananaskis, Canada
- Catching Climate Change in Progress: Drilling on Circum-Arctic Shelves and upper Continental Slopes, December 10-11, 2011, San Francisco, California, US
- “Overcoming barriers to Arctic Ocean scientific drilling: the site survey challenge”, Copenhagen (Denmark), Nov 01-03, 2011
- Assessing the History of the Greenland Ice Sheet through Ocean Drilling, Corvallis Oregon, Nov 7-9, 2011, US

8.3 Joint IODP/ICDP session at the EGU 2012 in Vienna

C. Escutia announced the EUROFORUM session at EGU in Vienna, April 2012 and scientific content.

Title: Major achievements and perspectives in scientific ocean and continental drilling

Conveners: C. Escutia, U. Röhl, U. Harms, T. Wiersberg, R. Stein

this is an interdivision session of relevance to: CL5.11 (Climate: Past, Present, Future) and OS3 (Ocean Sciences)

9. Review of consensus, motions and actions

C. Escutia presented the list of consensus and action items from the meeting and ask for input..
C. Escutia introduced all the changes suggested by the delegates.

10. Next meetings

> ESSAC Consensus Item 1110-05: Location of ESSAC Meeting #18 is Aarhus, Denmark; it will be held May 30-June 1, 2012. Location of ESSAC Meeting #19 will be Perpignan, France.
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11. Any other Business

> ESSAC Consensus Item 1110-06: ESSAC thanks Xavier Monteys for hosting the 17th ESSAC Meeting.
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Annex 1

Meeting Agenda

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11. Any Other Business

Annex 2

LIST OF CONSENSUS, MOTIONS AND ACTIONS 17th ESSAC MEETING Dublin, 25-27 October, 2011

1. INTRODUCTION

1.3 Discussion and approval of the Agenda

ESSAC Consensus 1110-01: ESSAC approves the Agenda of its 17th meeting on October 25-27, 2011 in Dublin, Ireland

2. IODP News

2.3 Outreach Task Force

> **ESSAC Action Item 1110-01:** ESSAC Office to add to the May 2012 meeting Agenda a discussion within the E&O Subcommittee about improving the recording/reporting of IODP science – knowing about publications in advance to promote media interest.

3. ECORD News

3.1 EMA - ECORD Council

> **ESSAC Action Item 1110-02:** ESSAC Office charged to circulate information on DS3F and other meetings of IODP interests (Town Hall AGU 2011, Euroforum, etc) to community/ mailing lists.

> **ESSAC Action Item 1110-03:** R. Stein to contact [Dr. Michael Diepenbroek](#) to ask for a potential contribution to the next ECORD Newsletter No 18 about the SEDIS (Scientific Earth Drilling Information Service) database that is developed by IODP to facilitate access to all data and information related to scientific ocean drilling.

> **ESSAC Consensus 1110-02:** ESSAC Consensus on soliciting a contribution to the ECORD Newsletter dealing with SEDIS

4. THE FUTURE OF IODP

4.2 Plenary discussion: The future of the new IODP and ESSAC's position

ESSAC Consensus 1110-03: ESSAC Consensus on the future of IODP:

- The internationally developed Science Plan remains the overarching vision that provides the scientifically-driven suite of highest priority objectives using multiple platforms in the next decade.

- ESSAC supports that all platforms will be funded and operated independently while maintaining an international framework to scientific ocean drilling.

- In this respect, ESSAC strongly supports the ongoing efforts of the ECORD Council to establish the future program.

- The independent operation of the platforms provides opportunities for developing programs with an ECORD flag (e.g., Arctic, Mediterranean, etc).

5. NOMINATIONS AND STAFFING

> **ESSAC Action Item 1110-04:** ESSAC Office to modify Quota table to reflect participation of scientists representing ECORD (not an specific country) including Russian participation.

> **ESSAC Action Item 1110-05:** ESSAC Office to contact chairs of PEP & SCP to check for required expertise in panels to issue calls for rotation ECORD members in SAS in Nov 12.

> **ESSAC Action Item 1110-06:** ESSAC Office to issue calls for nominations for the SAS panels to replace members rotating by Nov 2012.

7. EDUCATION AND OUTREACH

7.1 ECORD Summer Schools

> **ESSAC Action Item 1110-07:** ESSAC Office to circulate among delegates a revised proposal for the handling of the review and selection of applicants for ECORD Scholarships.

> **ESSAC Action Item 1110-08:** ESSAC Office to issue calls for organization of summer schools in 2013 during January 2012.

7.2 ECORD Grants and scholarships 2011

> **ESSAC Action Item 1110-09:** ESSAC Office to issue calls for summer schools scholarships 2012 during January 2012.

7.3 Distinguished Lecturer Programme update

> **ESSAC Action Item 1110-10:** ESSAC Delegates to propose next DLP nominations during the ESSAC May 2012 meeting.

8. WORKSHOP REPORTS

8.1 ESF Magellan Programme: Present and Future

> **ESSAC Consensus Item 1110-04:** ESSAC consensus on the nomination of Jochen Erbacher as Chair and Lucas Lourens as Vice-Chair of the MagellanPlus Scientific Steering Committee.

> **ESSAC Action Item 1110-11:** ESSAC Office to elevate ESSAC nominations of the MagellanPlus Program Chair and Vice-Chair for approval during the ECORD Council meeting in November 2011.

10. NEXT MEETINGS

> **ESSAC Consensus Item 1110-05:** Location of ESSAC Meeting #18 is Aarhus, Denmark; it will be held May 30-June 1, 2012. Location of ESSAC Meeting #19 will be Perpignan, France.

11. ANY OTHER BUSINESS

> **ESSAC Action Item 1110-12:** Approval of minutes ESSAC 16th meeting will be conducted by mail and minutes will be posted in the ESSAC website.

> **ESSAC Consensus Item 1110-06:** ESSAC thanks Xavier Monteys for hosting the 17th ESSAC Meeting.