

**19<sup>th</sup> Meeting of the  
ECORD Science Support & Advisory Committee  
ESSAC**

**MINUTES**

October 24- 26, 2012, Perpignan, France



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## List of Participants

### ESSAC Office

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

### ESSAC Representatives

**Serge Berné** (meeting host)              ESSAC Delegate France  
**Jochen Erbacher**                              ESSAC Alternate Germany  
**Anneleen Foubert**                            ESSAC Delegate Belgium  
**Gretchen Früh-Green**                      ESSAC Delegate Switzerland  
**Lucas Lourens**                                ESSAC Delegate Netherlands  
**Xavier Monteys**                              ESSAC Delegate Ireland  
**Werner Piller**                                 ESSAC Delegate Austria  
**Marit Solveig Seidenkrantz**              ESSAC Delegate Denmark  
**Ian Snowball**                                 ESSAC Delegate Sweden  
**Szymon Uscinowicz**                        ESSAC Delegate Poland  
**Antje Voelker**                                ESSAC Delegate Portugal  
**Bridget Wade**                              ESSAC Delegate UK  
**Dominique Weis**                              ESSAC Delegate Canada

### Observers/Guests

**Milena Borissova**                            EMA  
**Gilbert Camoin**                              EMA  
**Georges Ceulener**                        ESSAC Alternate France  
**Markus Kienast**                            ESSAC Alternate Canada  
**Patricia Maruéjol**                        EMA  
**Alan Stevenson**                            ESO  
**Benoît Ildefonse**                        Guest - invited lecturer  
**Paul Wilson**                                 Guest - invited lecturer

### Apologies

**Bryndís Brandsdóttir**                      ESSAC Delegate Iceland  
**Elisabetta Erba**                              ESSAC Delegate Italy  
**Nalân Koç**                                    ESSAC Delegate Norway  
**Rüdiger Stein**                                ESSAC Delegate Germany (Vice-chair)  
**Kari Strand**                                 ESSAC Delegate Finland

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## 1. Introduction

### 1.1 Call to order, introductions

C. Escutia welcomed all ESSAC delegates, observers and invited guests to the 19<sup>th</sup> ESSAC Meeting in Perpignan, France. She thanked S. Berné 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

S. Berné welcomed all participants and provided information about the meeting logistics.

### 1.3 Discussion and approval of the Agenda

C. Escutia summarized the current agenda, reviewed goals of the meeting and asked the ESSAC Delegates if there needed to be any changes to the agenda. The ESSAC Delegates denied and approved the agenda.

**ESSAC Consensus 1210-01:** ESSAC approves the Agenda of its 19<sup>th</sup> meeting on 24-26, October, 2012 in Perpignan, France

### 1.4 Items since the 18<sup>th</sup> ESSAC Meeting and ESSAC Office news

C. Escutia presented items since the last ESSAC meeting. The list below contains the actions items, which arose at the 18th ESSAC meeting in Aarhus. Action items that were accomplished by the ESSAC Office since then were labelled as “Done”. Action items not fulfilled yet, were labelled “in progress”.

> **ESSAC Action Item 1205-01:** ESSAC Office to include a COI column in files requiring rankings by Delegates. COI not identified by the ESSAC Office must be declared by the Delegates. **Done**

> **ESSAC Action Item 1205-02:** Following approval by ECORD Council, ESSAC will issue a call for senior scientists to the ECORD FB. **Done**

> **ESSAC Action Item 1205-03:** ESSAC Office to issue a call for the next ESSAC Chair. **Done**

> **ESSAC Action Item 1205-04:** ESSAC Office to elevate nominations of new SAS members to the ECORD Council, after the ranking by ESSAC Delegates has been finalized. **Done**

> **ESSAC Action Item 1205-05:** ESSAC Office to contact qualified scientists that applied to the last SAS calls and who have not been nominated, to ask for their willingness to serve as official alternates to these panels. **In Progress**

> **ESSAC Action Item 1205-06:** ESSAC Office to contact official alternates to the panels in the old SAS structure to ask for their interest in continuing their service as official alternates to the new SAS panels. **In Progress**

> **ESSAC Action Item 1205-07:** ESSAC Office to provide for the October 2012 meeting the revised guidelines for the handling of the ECORD Scholarship applications, including a draft letter with guidelines/criteria for review for the ECORD Summer Schools. **Done**

> **ESSAC Action Item 1205-08:** ESSAC Office to draft the call for ECORD Grants 2013 to be reviewed and approved by the ESSAC Committee in its October meeting. **Done**

> **ESSAC Action Item 1205-09:** ESSAC Office to extend the call for DLP. **Done**

> **ESSAC Action Item 1205-10:** ESSAC Office to set up a Doodle Poll to determine the dates of the October 2012 ESSAC 19th meeting in Perpignan. **Done**

C. Escutia asked all participants for comments or questions.

C. Escutia proceeded to provide updates on ESSAC activities:

She first showed the current ESSAC budget approved by the ECORD council.

**ESSAC REQUESTED BUDGET FOR FY13**

September 30 th, 2012 - October 1st, 2013

REQUESTED BUDGET FY 12	Budget FY13	Budget FY12	Budget FY 11	Budget FY 10
<b>Salaries</b>				
Science coordinator's salary (12 months)	48,000.00 €	48,000.00 €	57,600.00 €	57,600.00 €
<b>Travel and subsistence costs</b>				
Science Coordinator	5,000.00 €	5,000.00 €	5,000.00 €	5,000.00 €
Chair	11,000.00 €	11,000.00 €	11,000.00 €	11,000.00 €
<b>Off ice costs</b>				
General office costs	14,000.00 €	14,000.00 €	12,000.00 €	13,500.00 €
<b>Meetings</b>				
ESSAC October meeting <b>1</b>	2,000.00 €	1,500.00 €	1,500.00 €	1,500.00 €
ESSAC May meeting <b>1</b>	2,000.00 €	1,500.00 €	1,500.00 €	1,500.00 €
Travel support for speakers invited at ESSAC meetings <b>2</b>	3,000.00 €	4,000.00 €	2,000.00 €	4,000.00 €
<b>Additional Council activities</b>				
Support for the ECORD Distinguished Lecturer Programme	18,000.00 €	18,000.00 €	18,000.00 €	18,000.00 €
Workshop scientist support <b>3</b>	5,000.00 €	5,000.00 €	(Money left from FY10)	5,000.00 €
Summer Schools support	20,000.00 €	20,000.00 €	20,000.00 €	20,000.00 €
Summer school students	15,000.00 €	15,000.00 €	15,000.00 €	15,000.00 €
Conference travel support <b>4</b>	3,000.00 €	5,000.00 €	3,000.00 €	5,000.00 €
ECORD Grants	15,000.00 €	10,000.00 €	10,000.00 €	10,000.00 €
	161,000.00 €	158,000.00 €	156,600.00 €	167,100.00 €
<b>Overheads <b>5</b></b>	17,000.00 €			
<b>TOTL ECORD CONTRIBUTION</b>	<b>178,000.00 €</b>			

**1** Support for ESSAC meetings

**2** Carry over FY12 - Expedition reports, proposal presentations, workshop reports etc.

**3** Support for 'over-quota' participation of ECORD scientists at IODP-MI workshops and PPG (SW Pac in Sydney)

**4** Travel support for keynote and invited speakers at the ECORD EGU Session Vienna

**5** Overheads are not applied to Sci Coordinator salary. The rest of the budget is subject to 23.6% overhead, implying about 27000€.

We have negotiated a reduction to this amount.

She proceeded to inform about the ESSAC funded activities that were not included in the ESSAC budget, including:

- USSSP sponsored short course on shipboard sedimentology, to provide pre-cruise training on sedimentology data collection, integration, and synthesis.
- Ocean Leadership invited ECORD scientists: No charge for scientists to attend, but travel funding for U.S. Participants only.
- ESSAC funded two ECORD scientists

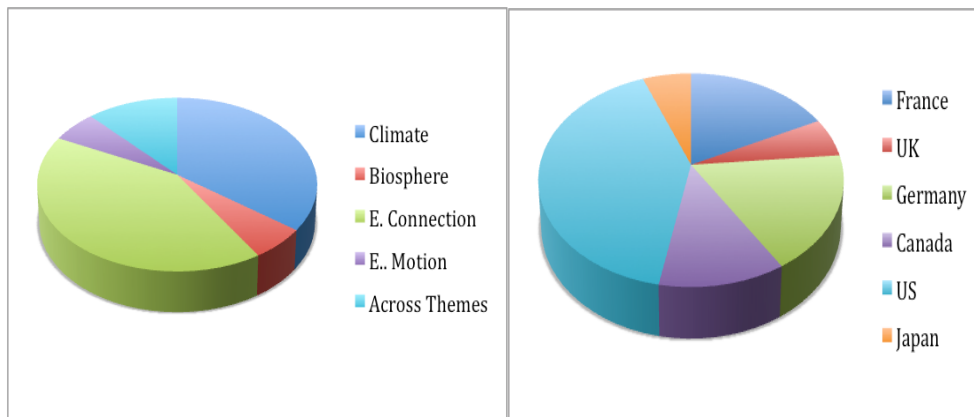
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C. Escutia presented an update on the process initiated by ESSAC to appoint scientists to the ECORD Facility Board:

*Due to COI, D. Weis went out of the meeting room.*

*- FB Call issued with deadline October 5<sup>th</sup>, 2012.*

*- 17 Applications received: 2 from ESSAC Delegates (D. Weis and R. Stein -alternates identified to conduct the ranking of applications)*



**Applicants from ECORD countries:**

Cattaneo, Antonio - France

Crosta, Xavier - France

Idelfonse, Benoit - France

McLeod, Christopher - UK

Gohl, Karsten - Germany

Stein, Rudy - Germany

Hydman, Roy - Canada

Weis, Dominique - Canada

Ring, Uwe - Sweden

**Applicants from non- ECORD countries:**

Austin, James A. - USA

Clift, Peter - USA

Dickens, Gerald - USA

Health J. Mills - USA

Miller, Kenneth G. - USA

Torres, Marta - USA

Saffer, Demian - USA

Iryu, Yasufumi - Japan

Following steps will include:

Applications to be ranked by ESSAC and nominations by ESSAC based on rankings will be forwarded to the Executive Board. Final approval by ECORD Council.

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She initiated a discussion about the criteria for ranking and nominations of the applicants:

FB: Excellent scientists from ECORD & non-ECORD Countries.

Balance in expertise (IODP Science Themes)

Representatives of ECORD countries in FB are ECORD representatives not National representatives

*G. Camoin commented that it is very important to consider that the applicants have no conflict of interest (i.e., proponents of MSP proposals). He also mentioned that the Chief of the ECORD Facility Board has to be from ECORD.*

## 2. IODP News

### 2.1 IWG+ Framework of the International Ocean Discovery Program 2013-2023

G. Camoin gave a summary of the IWG+ meeting and the framework of the International Ocean Discovery Program 2013-2023.

The IWG+ met in June 21-22, 2012 in Arlington, VA.

> **Brazil** has joined IODP with an annual contribution of \$3 M USD

> **China** and **India** has CPPs (*Complementary Project Proposals*). If these CPPs work well, it is possible that India and China may increase their annual financial contribution

> Contacts with **Indonesia**

> ECORD contacts: **Israël, Russia, Luxembourg, Turkey** (*cf. ECORD report*)

G. Camoin talked about the New Framework document.

> Writing of the New Framework document by IWG+ started in September 2011

> Final version approved at the last IWG+ meeting, Arlington, VA, June 21-22

> Posted on the IODP website (<http://www.iodp.org/new-program>)

The International Ocean Discovery Program Framework document represents the work of the 25 international partners of the current IODP who have come together to design a management structure and business model for the new IODP. This document not only addresses the economic and operational realities confronting the Platform Providers (MEXT, ECORD, NSF) but also retains the multi-platform capabilities and transformative science goals outlined in the new Science Plan "*Illuminating Earth's Past, Present, and Future: The International Ocean Discovery Program Science Plan for 2013-2023*".

This Framework will be used as a guiding document by the Platform Providers to develop more specific Memoranda of Understanding with their international partners for the new IODP over the next year.

G. Camoin presented the **IODP Forum Terms of Reference**

**General Purpose:**

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The IODP Forum is the custodian of the Science Plan and is a venue for exchanging ideas and views on the scientific progress of the program. The Forum will also provide advice to IODP Facility Boards (FBs) on Platform Provider activity.

**Mandate:**

- > Assessing progress on achieving long-term objectives of the Science Plan:
  - Recommendations to the individual FBs
  - report on the progress of the program toward completion of the Science Plan to the respective FBs
- > Fostering progress and coordination of FBs and Platform Providers and providing assistance in, *e.g.*:
  - Standardization of reporting efforts, including pre- and post-expedition publications
  - Curation and storage of cores, including access to archive cores
  - Planning and scoping of major projects
  - Communication of need for non-standard activities to the scientific community (*e.g.* co-funding of drilling operations by commercial entities, rapid response drilling that might impact planned expeditions)
- > Fostering effectiveness of the IODP website by working with the Support Office
- > Fostering synergistic collaborations with other organizations (e.g., DCO, ICDP, OOI, PAGES, etc.)
- > Recommend topics for workshops
- > Advising/stimulating overarching public relations and educational activities
- > Advising on ethical issues

**Membership:**

- > Open to all countries, consortia, or entities providing funds to platform operations
- > Members will include active community scientists and representatives from funding agencies (to any platform), implementing organizations and program member offices
- > Program Member Offices shall select one or two scientists for scientific membership to the Forum from each country or consortium that provides funding for any platform
- > Liaisons from all other major entities in the program (e.g., the Support Office, Project Partnership Office, the Chair and sub chairs of the Proposal Evaluation Panel, etc.), potential new members to the Program, and interested related organizations (e.g., PAGES, OOI, ICDP etc.)

**Chair:**

- > Selected for his/her scientific and managerial leadership and be a well-recognized scientist who will be the face of the Program
- > Expected to promote the scientific accomplishments of the program at select scientific meetings, and to attend the meetings of the facility boards and PEP
- > The role will require some dedicated time, and the Chair should be provided with appropriate salary and logistical support (recommended level of support = 0.5 FTE)



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> The Chair serves for two years and will be selected by an independent panel of experts through an open process

**IODP Forum Chair nomination:**

1. IODP-MI will announce the chair selection process through usual communications channels and accept nominations from the community. The nomination window will be open for a minimum of 60 days.
2. Nominations will be accepted from candidates (self-nominations) or from third parties (colleagues of candidates). In the case of third-party nominations, IODP-MI will confirm agreement to stand for election with the candidate.
4. IODP-MI staff will distribute nomination packages to the Board of Governors and coordinate voting by secret ballot. Each member of the Board of Governors can vote for up to 3 candidates in a ranked order (1 = first choice, 2=second choice, and 3=third choice). The candidate with highest numerically weighted score will become the Chair nominee. The candidate with the second-highest numerically weighted score will become the alternate nominee who will be called upon to assume the Chair duties for the remainder of the term, should the Chair no longer be able to perform the Chair functions at any time within his/her two-year term. However, the alternate nominee will have no programmatic status or role by virtue of being the alternate, and will have no special status in ensuing Chair selections.
5. The Chair nominee will be submitted to IWG+ for endorsement. Once endorsed by IWG+, the Chair will be announced to the community by IODP-MI.

**IODP Program Management:**

- Most (...) functions of the current Central Management Organization (...) will be transferred to the Platform Providers and/or program partners (i.e., workshop proposals, data management, core curation, publications, engineering and technology development, and education and outreach).

**Platform Provider Program Management:**

- The current curation and geographical distribution of cores will continue into the new program, with the goal to maintain a uniform sampling policy among all the IODP repositories.

NSF/USIO intends to support all cores from the *JOIDES Resolution/Glomar Challenger* and MSPs located at the Gulf Coast Repository. In reciprocity, ECORD intends to support all cores from the *JOIDES Resolution/Glomar Challenger* and MSPs located at the Bremen Core Repository. JAMSTEC intends to support Chikyu cores wherever they are stored.

NSF/USIO and ECORD intend to support the cores from the *JOIDES Resolution/Glomar Challenger* and from MSPs located at the Kochi Core Center, respectively.

- Data collection and archiving for each platform will be the responsibility of the Platform Provider.

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- Publications including shipboard reports, the Scientific Prospectus, Preliminary Reports, and Proceedings volumes will be the responsibility of the Platform Provider. The Program encourages the Platform Providers to maintain common publication formats.

*J. Erbacher expressed concern about the fact there is not a specific panel in charge of the curation and integration of the data. G. Camoin commented that this issue is going to be discussed in the IODP Forum. A. Stevenson added that the communication between core repositories will continue.*

**The « *Scientific Drilling* » issue:**

- > Uncertainties regarding the future publication of *Scientific Drilling* due to the change in IODP and the closure of the IODP-MI office in Tokyo
- > The ICDP Assembly of Governors concluded that ICDP is willing to increase its involvement, as the journal is seen as a critical tool especially for the planned set up of a new Science Plan in 2013
- > Up to now, the IODP-MI office employed an editorial assistant (M. Saido) to handle all publication, editing, printing and so on. In addition, H.C. Larsen and J. Collier devoted some of their time to serve as editors together with U. Harms
- > Copy editing as well as printing and distributing costs were shared in the past between IODP and ICDP according to number of copies and article pages from each community.
- > To ensure the joint IOPD-ICDP publication of *Scientific Drilling*, ICDP will be ready to share the personnel costs for the editorial handling ICDP's Operational Support Group at the German Research Centre for Geosciences is interested to take the lead and host the editorial office if supported financially by the new IODP entities
- > Current cost estimates: \$25,000-\$45,000 from ICDP and each of the three IODP organizations per year
- Annual costs for production, printing, shipping, and distribution of 4500 copies: **US\$ 140,000**
- Annual costs for production of an electronic version only, no printing at all: **US\$ 70,000**
- *2 issues per year*
- *One editorial assistant*
- *Editors are volunteers and are not directly paid by IODP and ICDP*
- *Electronic services for online distribution are included through IODP and ICDP website services*

**ESSAC Consensus 1210-02:** ESSAC Supports the biannual publication of the Scientific Drilling. This publication is relevant not only for the scientific community, but also to industry, policy makers, and outreach. ESSAC supports its publication in electronic format however, a smaller production of printed copies is highly desirable for policy makers, industry and outreach.

***Support Office and JOIDES Resolution operations solicitations***

*Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean Discovery Program (IODP) 12-612*

Letter of Intent: October 30, 2012

Full Proposal: January 22, 2013

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Science Support Office for the International Ocean Discovery Program (IODP) 12-611

Letter of Intent: October 30, 2012

Full Proposal: January 22, 2013

***JOIDES Resolution* Facility Board:**

The *JOIDES Resolution* Facility Board comprises the 18 representatives identified in the Funding Agency, U.S. Operator, and Scientist sections below. Five liaisons are specifically identified. Observers can include, but are not limited to, those identified below.

Funding Agencies: US, ECORD, Brazil, Australia/NZ, China, Korea, India

U.S. Operator: Lead US Operator representative

Scientists: Chair (US Scientist), Scientist 2, Scientist 3, Scientist 4, Scientist 5

Liaisons: PEP Chair, IODP Forum Chair, IODP Support Office Chair, ESO representative (MSP Operator), JAMSTEC representative (*Chikyu* operator)

Observers: MEXT representatives, Program Member Office representatives, Additional US operator representatives, Additional JR partner funding agency representatives

U.S. and international scientists are encouraged to apply for membership on the *JOIDES Resolution* Facility Board.

U.S. scientists are eligible to be considered for the Chair position.

The deadline to apply is January 4, 2013.

> First meeting: March 2013

- The Proposal Evaluation Panel (PEP) is the key scientific panel that integrates the program and ensures scientific excellence in accordance with the Science Plan of IODP.

Riserless/MSP proposals will be received and evaluated by the PEP twice/year.

Riser proposals will be received by PEP in response to specific proposal calls. An ad hoc PEP breakout group, distinct from the four thematic breakout groups (with additional scientific and operational expertise supplied to PEP as required), will meet for evaluation of these riser proposals.

- The Advisory Panels provide independent advice to the US Facility Board (and other Platforms as requested) and the panel structure may change according to Facility needs. The current Terms of Reference will provide the basis for the Terms of Reference for these panels in the post-2013 program. The PEP, SCP and EPSP representatives will be staffed by the Program Member Offices using a to-be-determined quota system based primarily upon national/consortia contributions to the operations of the *JOIDES Resolution*, but overall programmatic contributions and scientific needs will also be taken into consideration.

- The Implementing Organizations may establish and staff their own Technical Development Panels and Scientific Technical Panels to address the unique technical/analytical needs of each platform. The Implementing Organizations are encouraged to exchange ideas and ensure best practices.

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## Mandate

- Determine the operations schedule for the *JOIDES Resolution* to implement the high priority science proposals forwarded to the US Facility Board by the PEP
- Approve the Annual Facility Program Plan for the *JOIDES Resolution*
- Approve the IODP Support Office Annual Program Plan
- Oversight of the panels of the Facility's Advisory Panels:
- Develop and monitor policies for data collection, pre- and post-cruise publications, and core curation associated with the *JOIDES Resolution*.

## Decisions

The *JOIDES Resolution* Facility Board will reach decisions through consensus of members present. In the event that consensus cannot be reached, the US National Science Foundation will provide the Operator and Support Office with the requisite guidance.

## Meetings

The *JOIDES Resolution* Facility Board will commence no later than the beginning of calendar year 2013 in order to plan operations for FY2014. It will convene at least once annually to execute its mandate.

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The *JOIDES Resolution* Facility Board will commence no later than the beginning of calendar year 2013 in order to plan operations for FY2014. It will convene at least once annually to execute its mandate.

*C. Escutia mentions that not all ECORD countries have funding for travel of their representatives to meetings. This could result in not receiving applications from excellent scientists from these countries.*

<p><b>ESSAC Consensus 1210-03:</b> ESSAC recommends that travel support be available at the ECORD level for ECORD scientists to participate in the Facility Board of the other two IODP platform providers. A lack of support would prevent excellent ECORD scientists from applying for membership in these FBs.</p>
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## Science Advisory Structure:

## Advisory Panel Staffing

Country	Partner Contribution (\$M USD)	PEP	SCP	EPSP	
US		14	7	7	
ECORD	7	5 + 4* = 9	4 + (1)	4 + (1)	
Brazil	3	2	2	2	
ANZIC	1.5	1	1	1	
India	1	1	(1)	(1)	
China	1	1	(1)	(1)	
Korea	1	1	(1)	(1)	
Japan	0	6*	1*	-	
<b>TOTAL</b>		<b>35</b>	<b>15- 19**</b>	<b>14- 18**</b>	

### Assumptions and Considerations:

US participation fixed at ~ 40% of panel size

Partner participation based up subscription units:

Each unit of \$3.0M = 2 scientists/panel (6 total scientists)

Each unit of \$1.5M = 1 scientist/panel (3 total scientists)

Each unit of \$1.0M = 1 scientist on PEP and 1 scientist on either SCP or EPSP (2 total scientists)

### Program Exchange:

15 - Nations supporting platform(s) towards IODP Science Plan goals may have berths on *JOIDES Resolution*, *Chikyu*, MSP expeditions and other platforms through an exchange program agreed upon bilaterally between individual Platform Providers.

16 - Lead proponents selected as Co-chief scientists, based upon programmatic or project need, will not count toward national or consortia quotas. This provision will be revisited yearly for the *JOIDES Resolution* and on a project-by-project basis for *Chikyu* to ensure that the science party size and/or member berthing quotas on either platform are not unduly affected should members increase their yearly contribution level to either the *JOIDES Resolution* or *Chikyu* partnerships or new members join either partnership.

### ECORD MSP Planning and Project Architecture and Financial Contributions:

- ECORD will sign a MoU with NSF that includes access to the *JR* for ECORD scientists and in reciprocity access to MSPs for US scientists.

US\$ 7 M > 8 ECORD berths / *JR* expedition

8 US berths / MSP expedition

- ECORD will sign an agreement/MoU with MEXT to barter berths between MSPs and the *Chikyu* for ECORD and Japanese scientists respectively.  
 ECORD berths / *Chikyu* expedition (*to be determined*)  
 JPN berths / MSP expedition (*to be determined*)

- MSP expeditions: 10+ ECORD; 8 US; X JPN; 3-4 *JR* associate members ; 1-3 co-funded projects  
 3 to 4 berths *JR* associate members  
 {US\$ 3 M : 1.5 ; > US\$ 1.5 : 0.75 ; < US\$ 1.5 : 0.5 ; < US\$ 1M : scaled}  
 If a berth is not used by the relevant Member, it is taken by ECORD.  
 1 - 3: co-funded projects (1 berth / US\$ 0.5 M)

***ECORD berths in the future phase:***

	<b>JOIDES Resolution</b>	<b>MSPs</b>
/ expedition	8	10 – 13
/ year	32	10 – 13
over 10 years	320	100-130
<b>Total</b>	<b>420 - 450</b>	

***JR: 8 / exp.***

***MSP berths: 10 + / exp.***

***Chikyu berths: 4 / exp. (?)***

***Co-chiefs: ~ 40-50 berths / 10 yrs***

***GRAND TOTAL: > 500 berths***

***(< 400 berths in the current phase)***

Calculations are on the basis of 4 *JR* expeditions/yr, 1 MSP expedition/yr and the same number of *Chikyu* expeditions than in the current phase.

*S. Berné asked how many berths would have the MSPs expeditions in the new phase of the program. G. Camoin answered that 28 on average, but remarked MSPs have more flexibility.*

**IODP citation report:**

The IODP 2012 Ocean Drilling Citation Report was published Friday, 28 September 2012

The report covers more than 28,000 citations related to DSDP, ODP and IODP research from 1969 through 2011

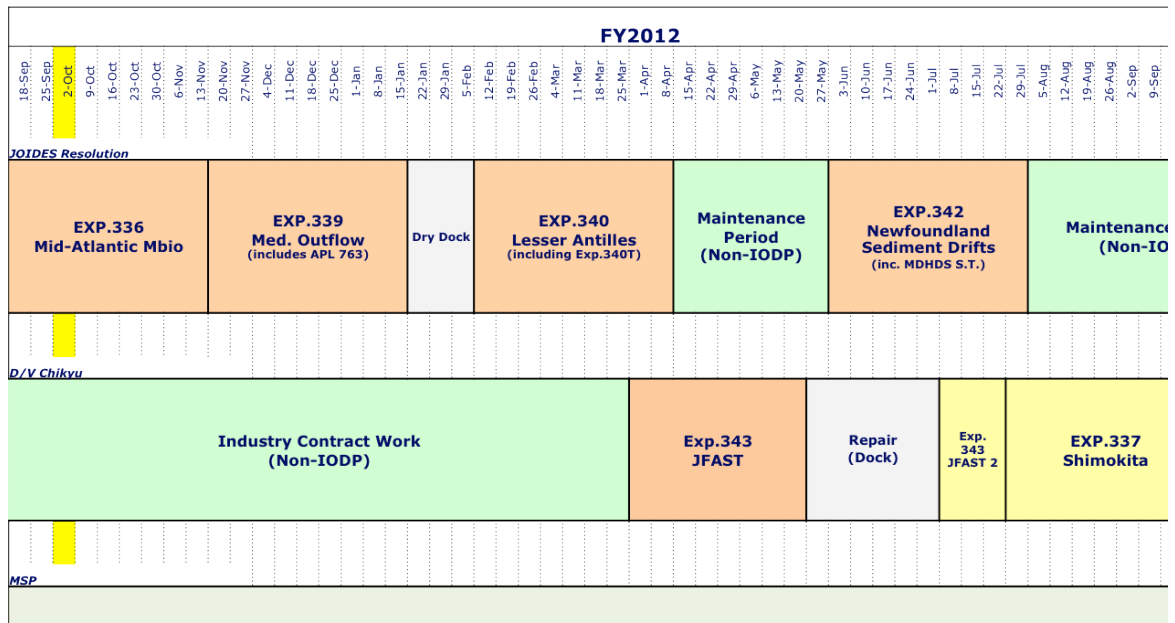
**2.2 Report of PEP, SIPCOM and OTF Meetings**

G. Frueh-Green presented a summary of the PEP (14-15 May, 2012 Edinburgh, Scotland), SIPCOM (Washington DC, 19-20 June 2012) and OTF

<http://www.iodp.org/science-implementation-and-policy-committee>

<http://www.iodp.org/proposal-evaluation-panelmeetings>

## Overview of FY12 *JR* and *Chikyu* expeditions



### USIO:

- *JR* required a Dry Dock repair in Jan 2012.

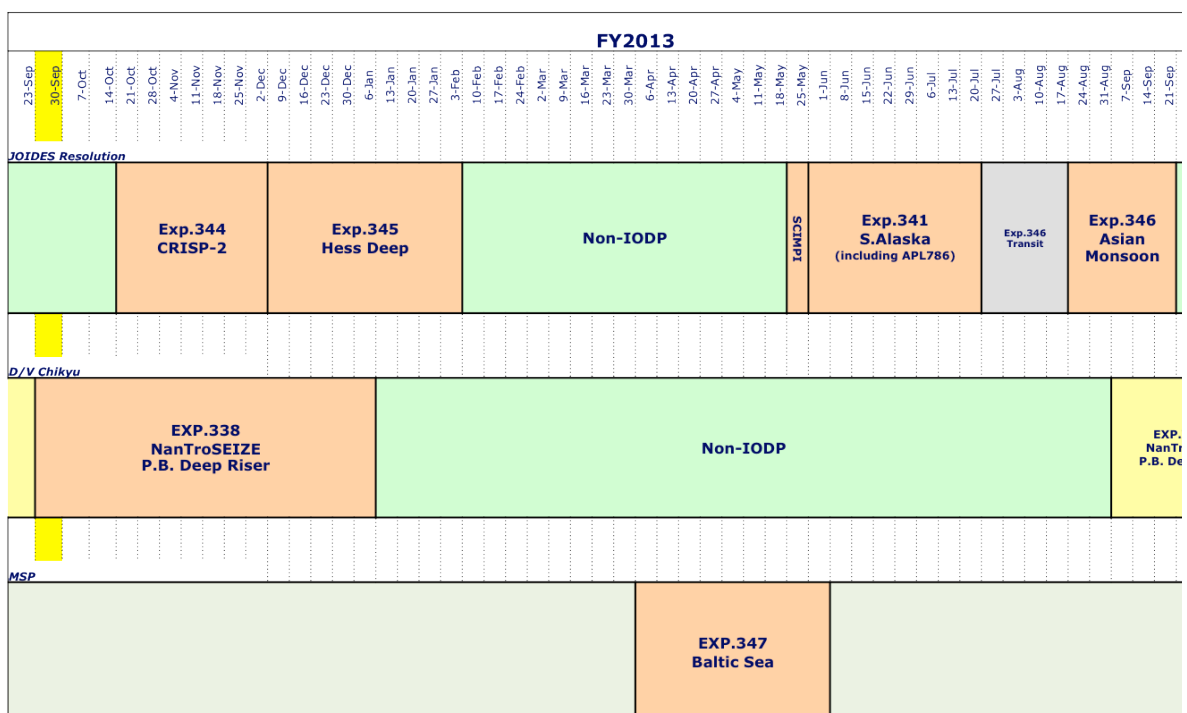
### CDEX:

- *Chikyu* Dry Dock (to install missing az.-thruster) completed.
- Extend Exp.343 causes Exp.337 & 338 schedule change.
- Tight schedule & very late schedule change

### ESO:

- Coralgal Banks drilling trial: August 2012?
- FY13 Platform bidding process ongoing.

## Overview of FY13 *JR* and *Chikyu* expeditions



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**USIO:**

- 4 Expeditions planned but depend on NSF budget
- Budget-short may cause the delay of exp.346 Asian monsoon
- SCIMPI sea trial has been included in FY13 operation
- Support proposal from Neptune program

**CDEX:**

- Re-scheduled Exp.338 NanTroSEIZE:
- Shorten operation days, due to JAMSTEC H24 (2012.4 - 2013.3) budget
- Keeping the same target depth (3,600mbsf) by introducing new technique, not to cause further delay on NanTroSEIZE project

**ESO:**

- 1 Expedition planned: Baltic Sea
- Need to start FY14 expedition preparation:
- Chicxulub hazard survey

G. Frueh-Green presented the goals and technical details/constraints and future plan of the following Expeditions:

- J-FAST: New Milestones in ocean drilling (343)
- NanTroSEIZE Plate Boundary Deep Riser -2 (338)

Also, G. Frueh-Green showed the status of the Baltic Sea Paleoenvironment (Exp. 347) Proposal and Coralbank Proposal after the ESO Report in the SIPCOM meeting.

**347 Expedition:**

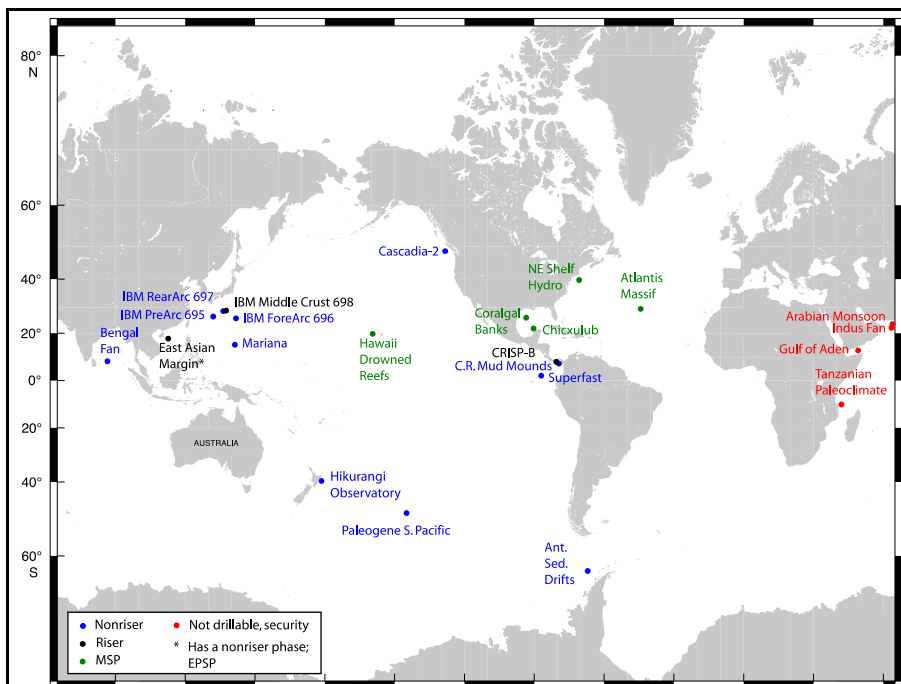
- Top ranked MSP proposal in SAS
- Site survey and safety panels
- Carol Cotterill Expedition Project Manager
- Call for EoI for platform completed
- Call for scientists closed after EGU
- Call for tenders closed 29<sup>th</sup> June
- Planned for Summer 2013

**Coralgal Banks**

- One-day coring test on the Coralgal Banks in the northwest Gulf of Mexico.
- Lead proponent Andre Droxler
- Fugro offered 24 hours geotechnical ship time to test coring equipment to recover relict coralgal reef material.
- Technical test only, with no Science Party or minimum measurements.
- ESO is currently negotiating the contract with Fugro
- Droxler has obtained a permit for the work, granted by the Bureau of Ocean Energy Management, Regulation and Enforcement.



# OTF Proposals after PEP-May 2012



## FY14 Expeditions Plan

FY2014																																																								
23-Sep	30-Sep	7-Oct	14-Oct	21-Oct	28-Oct	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	9-Dec	16-Dec	23-Dec	30-Dec	6-Jan	13-Jan	20-Jan	27-Jan	3-Feb	10-Feb	17-Feb	24-Feb	2-Mar	9-Mar	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	20-Apr	27-Apr	4-May	11-May	18-May	25-May	1-Jun	8-Jun	15-Jun	22-Jun	29-Jun	6-Jul	13-Jul	20-Jul	27-Jul	3-Aug	10-Aug	17-Aug	24-Aug	31-Aug	7-Sep	14-Sep	21-Sep	28-Sep	5-Oct	12-Oct	19-Oct
<b>JOIDES Resolution</b>																																																								
Dry Dock Non-IODP			Non-IODP			South China Sea*			IBM (697) Reararc Crust			IBM (695) Pre-Arc Crust			IBM (696) Deep Forearc C.																																									
<b>D/V Chikyu</b>																																																								
NanTroSEIZE P.B. Deep Rise						???																																																		
<b>MSP</b>																																																								
						Chicxulub K-T and/or Atlantis Massif																																																		

### USIO:

- FY14 budget: 3-4 expeditions (CPP helps the situation)
- Dry Dock requirement at the beginning of FY14
- Maximize JR operation days: Western Pacific region
  - P-505: Mariana Convergent Margin - CORKs

- P-695: IBM Pre-Arc Crust
- P-696: IBM Deep Forearc crust
- P-697: IBM Reararc Crust
- P-735: South China Sea (CPP)\* pending PEP-external review
- P-552: Bengal Fan
- APL-693: S. Chamorro Seamount – CORK
- APL-783: Indian Monsoon History

- FY15-16 JR Ship Track: Western Pacific & Indian Ocean
- FY17 JR Ship Track: Southern Ocean toward to S. America?

**CDEX:**

- FY14 (H25) budget: 5 months Riser Operation?
- Continue NanTroSEIZE project to Mega-Splay Fault (5,200mbsf)
  - Depend on FY13 operation result
  - CDEX/JAMSTEC - MEXT commitment for the project?
- **Renewal Program (Chikyu business model) beyond FY13?**
- Existing proposals at OTF and PEP

**ESO:**

- P-548 Chicxulub project: depend on FY13 Hazard Survey
- P-758 Atlantis Massif: depend on technical development
- FY15 & beyond: One MSP operation every year

**FY14 JR Draft Schedule**

	30-Sep	7-Oct	14-Oct	21-Oct	28-Oct	4-Nov	11-Nov	18-Nov	25-Nov	2-Dec	9-Dec	16-Dec	23-Dec	30-Dec	6-Jan	13-Jan	20-Jan	27-Jan	3-Feb	10-Feb	17-Feb	24-Feb	2-Mar	9-Mar	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	20-Apr	27-Apr	4-May	11-May	18-May	25-May	1-Jun	8-Jun	15-Jun	22-Jun	29-Jun	6-Jul	13-Jul	20-Jul	27-Jul	3-Aug	10-Aug	17-Aug	24-Aug	31-Aug	7-Sep	14-Sep	21-Sep	28-Sep
	<b>FY14</b>																																																				
Option 1	Dry Dock/Non- IODP		Non-IODP				Bengal Fan (47 d Ops)				South China Sea* (46 d Ops)				IBM (695) (52 d Ops)				IBM (697) (52 d Ops)																																		
Option 2	Dry Dock/Non- IODP		Non-IODP				South China Sea* (51 d Ops)				IBM (697) (52 d Ops)				IBM (695) (51 d Ops)				Bengal Fan (40 d Ops)																																		
Option 3	Dry Dock/Non- IODP		Non-IODP				*South China Sea (51 d Ops)				IBM (697) (52 d Ops)				IBM (695) (51 d Ops)				IBM (696) (51 d Ops)																																		

Operational days dependent on finalization of ports

## MSP Proposals for New Programme

Proposal	Short title	Comments
548	Chicxulub K-T Impact Crater	Impact of meteorites
716	Hawaiian Drowned Reefs	Climate change in last 2 million years
758	Atlantis Massif Seafloor Processes	Water circulation; microbiology
581	Late Pleistocene Coralgall Banks	Impact of sea level rise and global warming
637	New England Shelf Hydrogeology	Fluid flow: fresh water beneath the oceans
796	Landslide geohazards: Testing multiple trigger mechanisms at the Ligurian slope	Geohazards: Develop a revised full proposal
797 & 806	Beauforts Sea – impact of warming and methane release	Proponents asked to develop full MDP proposal(s) with integration
XXX	Additional Arctic Proposals	Acex 2 Expected March 2014
YYY	FP7 and Horizon 2020	Combined proposals with EU

G. Frueh-Green showed in a map the IODP Arctic Proposals and noted that some proposals are not forwarded to new IODP program, but could be reactivated if there is industry interest.

### PEP and SAS

#### *Role of Proposal Evaluation Panel in the current SAS*

- PEP nurtures and evaluates all proposals in the context of the themes of the new science plan
- PEP selects the best proposals and forwards them to OTF and SIPCOM
- PEP participates in OTF (chairs and sub-chairs)
- PEP stimulates proposal pressure in certain scientific areas in case needed

### Present SAS

#### *Basic Task/Mandate PEP:*

- Evaluation of pre-proposals,
- Identification of pre-proposals for development into full proposals,
- Identification of full proposals for external review, and
- Selection of the best proposals for forwarding to OTF and SIPcom for development of annual and-long-term platform schedules

### PEP Review Process

The general evaluation criteria for IODP proposals are (as per PEP ToR):

- Are the scientific questions/hypotheses being addressed exciting and of sufficiently wide interest to justify the requested resources?
- Will the proposal significantly advance one or more goals of the Science Plan?
- Would the proposal engage new communities or other science programs into the drilling program?

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· To what degree does the integrated experimental design of site characterization, drilling, sampling, measurements, and downhole experiments constitute a compelling and feasible scientific proposal?

### PEP Edinburgh decisions

#### 20 Proposals Evaluated

– 5 forwarded to OTF – 9 develop revised full proposal – 6 deactivated, encouraged to submit a new proposal

#### Proposal # Short title

696-Full4 Izu-Bonin-Mariana Deep Forearc Crust--**Forwarded to OTF**  
735-CPP South China Sea Tectonic Evolution--**External review and forwarded to OTF**  
778-Full2 Tanzania Margin Paleoclimate Transect--**Forwarded to OTF**  
781A-Full Hikurangi: observatory--**Forwarded to OTF**  
791-APL2 Continental Margin Methane Cycling--**Forwarded to OTF**  
792-Pre Shiva Impact Structure--**Deactivated, submit a new proposal**  
793-CPP Arabian Sea Monsoon--**Develop a revised full proposal**  
794-Pre Arctic slope stability--**Deactivated, submit a new proposal**  
795-Full Indian Monsoon Rainfall--**Develop a revised full proposal**  
796-Full Ligurian Landslide— **Develop a revised full proposal**  
797-Pre Alaska Beaufort Margin--**Develop a full proposal (possibly a MDP with or without 806-Pre)**  
798-MDP Gulf of Lion Drilling--**Deactivated, submit a new proposal**  
799-full Western Pacific Warm Pool--**Develop a revised full proposal**  
800-full Indian ridge Moho--**Develop a revised MDP proposal**  
801-Pre Brazil Argentina Margin Microbiology--**Develop a full proposal**  
802-Pre Marmara tectonics--**Deactivated, submit a new proposal**  
803-pre Greenland Ice Sheet--**Deactivated, submit a new proposal**  
804-Pre Antarctic Cryosphere Evolution--**Deactivated, submit a new proposal**  
805-MDP MoHole to the Mantle--**Develop a revised full MDP proposal**  
806-Pre Beaufort Gas Hydrate--**Develop a full proposal (possibly a MDP with or without 797-Pre)**

### Forwarded to OTF

#### Proposal # Short title

696-Full4 Izu-Bonin-Mariana Deep Forearc Crust— **JR – tentatively scheduled FY14**  
735-CPP South China Sea Tectonic Evolution--**External review and forwarded to OTF, JR – tentatively scheduled FY14**  
778-Full2 Tanzania Margin Paleoclimate Transect– **not drillable – security hazard**  
781A-Full Hikurangi: observatory— **Riser drilling**  
791-APL2 Continental Margin Methane Cycling– **JR**

CCP = Complementary Project Proposal

APL = Ancillary Project Letter

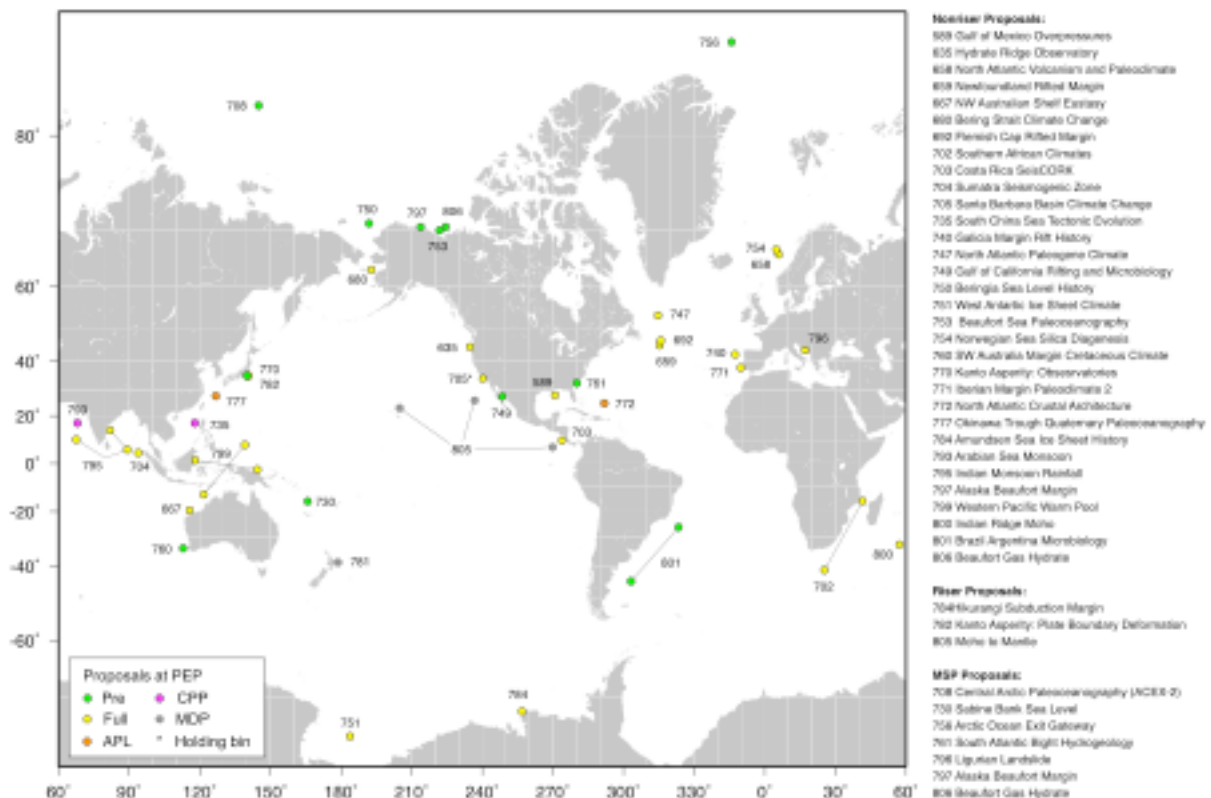
## Develop revised full proposal

Proposal #    Short title

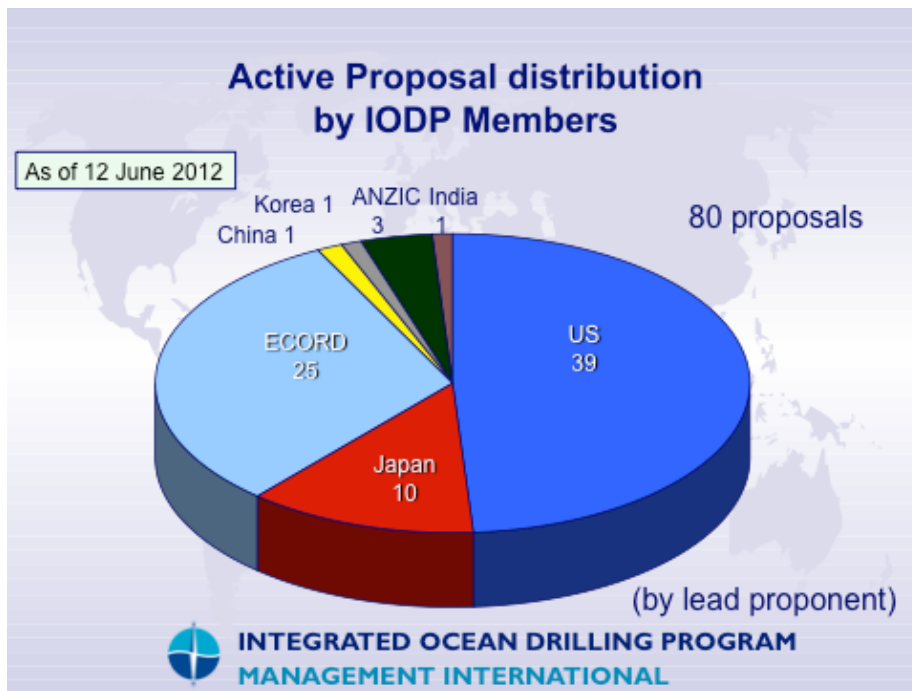
- 793-**CPP**    Arabian Sea Monsoon – **security hazard**
- 795-**Full**    Indian Monsoon Rainfall -- **JR, riserless drilling**
- 796-**Full**    Ligurian Landslide — **MSP**
- 799-**Full**    Western Pacific Warm Pool --**Develop a revised full proposal**
- 800-**Full**    Indian ridge Moho --**Develop a revised MDP proposal**
- 805-**MDP**    MoHole to the Mantle --**Develop a revised full MDP proposal**
  
- 797-**Pre**    Alaska Beaufort Margin --**MSP (possibly a MDP with or without 806-Pre)**
- 801-**Pre**    Brazil Argentina Margin Microbiology -- **JR, riserless drilling**
- 806-**Pre**    Beaufort Gas Hydrate -- **MSP (possibly a MDP with or without 797-Pre)**

MDP = Multi-phase Drilling Projects; CCP = Complementary Project Proposal

## Proposals at PEP



G. Frueh-Green presented the Proposals statistics provided by IODP-MI and showed the schedule of SAS Panel meetings.



G. Frueh-Green continued providing a summary of the workshop proposals.

### 7 Proposed Workshops before October 2013

Short title	Proponent	Timing	Requested(K)
Serpentinization	Delacour	Sep.2, 2012	10
Bengal Bay	Kudrass	Oct. 8, 2012	8
Intraoceanic arc hydrothermal system	Bach	Nov. 15, 2012	22,4
Cretaceous Ocean Dynamics	Bralower	Mar., 2013	30
Chukchi Sea	Polyak	Mar., 2013	30
Deep Biosphere Research	Orcutt	Summer, 2013	30
Arctic marine gas hydrates	Mikkelsen	January, 2013	20

Total request funding: \$140,400 for FY 2013

**Available funding of \$63,000** - five recommended workshops planned for FY 2013

The “CHIKYU+10” workshop was announced (April 21-23, 2013 in Tokyo, Japan).

*G. Frueh-Green asks that if somebody wants to assist to this workshop, who covers it?*

*G. Camoin replies that this issue will be discussed in the council.*

*B. Wade asked to G. Frueh-Green why the Tanzania proposal was deactivated and GFG mentioned it was a decision at OTF.*

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### **3. ECORD News**

#### **3.1 EMA - ECORD Council**

G. Camoin gave a summary about the latest news regarding EMA and ECORD Council activities (ECORD Council 21: June 5-6, 2012; Helsinki, Finland).

<b>ECORD Council motion 12-01-9</b>
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The ECORD Council approves the proposed new ECORD structure and functioning, providing that the Terms of Reference of each committee have to be written for approval by the end of next Council meeting.
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G. Camoin presents the “ECORD MEMORANDUM OF UNDERSTANDING”.

**ECORD Council Chair:** Mike Webb (UK)

**Outgoing ECORD Council Vice-Chair:** Anne de Vernal (Canada)

**ECORD Executive Bureau:**

Mike Webb (UK)

Anne de Vernal (Canada)

Guido Lüniger (Germany)

Michel Diamant (France)

Josef Stuffer (Netherlands)

Gilbert Camoin (EMA)

Carlota Escutia (ESSAC)

Robert Gatliff (ESO)

#### **ECORD Vision Task Force**

The ECORD Vision Task Force will be the ECORD strategic entity in charge of identifying long-term scientific and technological challenges, and funding opportunities.

*Membership : Carlota Escutia (ESSAC) - Chair - , Gilbert Camoin (EMA), Milena Borissova (EMA)*

*Robert Gatliff (ESO), Alan Stevenson (ESO) guests as appropriate*

#### **ECORD Facility Board**

The ECORD Facility Board (EFB) will be the key planning forum for the MSP expeditions by providing operational and management oversight of those expeditions, approving the expedition section of the Annual ECORD Plan, and advising on the long-term planning.

First meeting: March 2013

#### **ECORD ILP**

The ECORD Industry Liaison Panel will act as a link between academia and industry to promote scientific and technologic collaboration

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### ***ECORD in the New Programme***

Each platform provider will seek funding independently in the New Programme

- ECORD will contribute to the funding of the JR on an annual basis, and has agreed to contribute to *Chikyu* funding on a project basis.
- ECORD is aiming for funding and implementing one MSP expedition per year.
- As a platform provider, ECORD will also encourage and help proponents for MSP expeditions to seek for additional funding sources on a project basis
- EC co-funding
- Partnership with industry
- Project specific support
- Increased contributions from ECORD members
- Foundation support
- In kind contributions

New opportunities /Innovation:

- Technology development and new techniques
- Partnership with other science programs (e.g. ICDP, IMAGES, EMSO)
- Ancillary Project Letters (APLs) and Complementary Project Proposals (CPPs)

New members:

- Poland (Dec. 2011)\*
- Israël (probably Oct. 2013) > 19 nations

### **Public Consultation on Research Infrastructures**

#### **Topics for Integration:**

Public consultation organised by the European to prepare future EU activities for integrating and opening national research infrastructures

> These activities would correspond to the follow-up of the Seventh Framework Programme (FP7) actions named Integrating

Activities [http://ec.europa.eu/research/infrastructures/index\\_en.cfm?pg=ri\\_projects\\_fp7](http://ec.europa.eu/research/infrastructures/index_en.cfm?pg=ri_projects_fp7)

> The aim of these activities is to provide a wider and more efficient access to, and use of, the research infrastructures existing in EU Member States, Associated Countries, and at international level when appropriate

> The consultation is made in the form of a call for suggestion of possible topics, in order to help identify potential future topics for Integrating Activities

> Proposed topics received will be analysed by a panel of high-level independent experts.

A report mapping the needs and providing recommendations will be produced by the panel.

### **DEISM – Distributed European Infrastructure for Subseafloor Sampling and Monitoring (ECORD)**

#### **Rationale** -

The proposed *Distributed European Infrastructure for Subseafloor Sampling and*

*Monitoring (DEISM)* focuses on scientific research into the subseafloor and is designed to increase and optimize trans-national access to cutting-edge technologies and scientific services to the



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European science community. **DEISM** will improve European collaboration in development and sharing of new, innovative technologies for coring, specialist sampling, downhole logging and long-term seafloor observations, and it is likely to stimulate further technological developments in these areas.

**DEDI – Distributed European Drilling Infrastructure (DS3F with ECORD Partnership)**

*Scientific objectives*

- *IMAGES(2) Science Plan published soon*

- *Strong convergences with the Climate Section of the IODP Science Plan:*

*CO<sub>2</sub> and Climate, Ice sheets and Sea Level Change, Climate Variability etc.*

*Nature of IMAGES (2)-ECORD/IODP Relationships:*

- *IMAGES remains a distinct science program*

- *IMAGES-ECORD/IODP partnership should only consider larger scale, multiple objective, multi-site proposals built around significant scientific themes (e.g., Caribbean Loop and freshwater influx, land-ocean linkages around Africa, North Pacific – Arctic Ocean linkages, etc.).*

*850 scientists and students*

*70 institutions in 26 nations*

*150 Ph.D. and Master's theses*

*800 peer-reviewed papers in high impact journals (> 100 in front-line journals)*

*“University at sea”*

*The ECORD ILP is our link to Industry*

> **ESSAC Action Item 1210-01:** ESSAC will circulate among Delegates the 2 European infrastructure proposals submitted by EMA and the DS3F.

**Outlook FY 14 and beyond**

<b>ECORD FY 14 budget</b>			
<i>in M\$US</i>			
<b>ECORD budget</b>	<b>21.4</b>	<b>20.0</b>	<b>18.0</b>
<b>JR funding</b>	<b>7.0</b>	<b>7.0</b>	<b>7.0</b>
<b>EMA+ESSAC</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
<b>BCR</b>	<b>0.35</b>	<b>0.35</b>	<b>0.35</b>
<b>Publications</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>
<b>ECORD/Japan interactions</b>	<b>0.1-0.6</b>	<b>0.1-0.6</b>	<b>0.1-0.6</b>
<b>Total fixed costs</b>	<b>8.2-8.7</b>	<b>8.2-8.7</b>	<b>8.2-8.7</b>
<b>Annual budget for MSP operations</b>	<b>12.7-13.20</b>	<b>11.30-11.80</b>	<b>9.30-9.80</b>

*There is a discussion between A. Stevenson, G. Camoin, C. Escutia, D. Weis and J. Erbacher about the economical interest and/or the scientific interest of the Industry in the IODP. J. Erbacher expresses concerns about the ethical questions that relations with industry will raise and if they have been discussed at the Council. G. Camoin replies that this issue has been put on the table. G. Frueh-Green argues that people with another point of view can enrich the program.*

**ESSAC Consensus 1210-04:** ESSAC agrees that links between ECORD and industry have to be handled with care taking into consideration conflicting objectives, ethical issues and PR activities.

**Vision Task Force**

C. Escutia gave a Summary of the Vision task Force meeting, Helsinki, 4 June 2012.

-Composition :

- EMA : Director and Assistant Director
- ESO : Chair and Outreach Manager
- ESSAC Chair \*

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ECORD ILP Chair  
Guests as appropriate.  
\* *VTF Chair*

- Meetings:

- Organised by EMA
- Twice a year, prior to the meetings of the ECORD Council.

**Potential new ECORD members**

Russia, Estonia, Lithuania, Turkey

- 1) Establish contacts
- 2) IODP-days
- 3) Incentive gestures (grants, scholarships, observers...)

Approach UNESCO for funding to allow emerging countries to send scientists on missions without the countries having to join IODP/ECORD

EMA to identify programs within UNESCO/UN bodies/EC to build communities

***Also discussed the possibility that ECORD members request representatives from EMA-ESO-ESSAC to participate in community IODP-days and/or Ministry/Agency Presentations***

***Deep Drilling in European waters workshop***

*Promoting workshops for deep drilling projects with ECORD interests*

*Challenges of educating proponents on the technological, operational, economic aspects of riser drilling*

*Need of projects with industry interest // technology development for deep drilling also is of importance to the EC Research Infrastructures*

*GOLD proposal in the system + MagellanPlus DREAM workshop coming up in 2013*

***Also discussed the need to have a good view on what ECORD science (not just for Deep Drilling) is now in PEP***

*S. Berné concerns about the relationship of ECORD with the Industry.*

**3.2 ESO**

A. Stevenson reported the ESO activity and news.

**Future MSPs (to be decided by ECORD Facilities Board)**

FY13, next MSP			
Exp. 347	Baltic Sea Basin Paleoenvironment		Planning for summer 2013
FY14 / FY15 options			
548	Chicxulub K-T Impact Crater		Forwarded March 2010, SPC ranked #4 First MSP of the new program, 2014?
758	Atlantis Massif Seafloor Processes		Forwarded March 2011, SPC ranked #1 2014-2015? Depends on seabed drill readiness
FY16 and beyond			
716	Hawaiian Drowned Reefs		Forwarded March 2009, SPC ranked #6
581	Late Pleistocene Coralgal Banks (full expedition)		Forwarded March 2010, SPC ranked #10
637	New England Shelf Hydrogeology		Forwarded March 2009, SPC ranked #4 In holding bin with technology and cost issues
Plus new MSP proposals, possibly in the Arctic			

#### Expedition 347 Baltic Sea: Planning

- Notice of interest for platform issued 7<sup>th</sup> March, deadline 11<sup>th</sup> April
- Negotiations ongoing with selected platform provider to use dynamically positioned geotechnical-type ship. 'Very close to signing contract'
- Expected to take place June-July 2013
- Maximum duration 60 days
- Co-chiefs accepted and Science Party invitations sent out following ESO meeting with Co-chiefs in September
- 17 offshore science party (10 ECORD, 3 USA, 2 Japan, 1 China, 1 India)
- Additional 14 Onshore Science Party (5 ECORD, 6 USA, 2 Japan, 1 ANZIC)
- All accepted except 1 withdrawn
- ESSAC requested berth for teacher(s) - will depend on platform

ESO is also currently planning the first MSP expedition of the new IODP:

#### - Chicxulub Impact Crater:

Currently tendering for a seabed hazard survey for safe rig positioning offshore Mexico (closing date 26<sup>th</sup> October), and expect to contract the survey in 2013. This will pave the way for the Chicxulub coring operation in 2014, funding and authorisation permitting".

A. Stevenson provided an update of the following proposal also:

#### - Proposal 758, Atlantis Massif Seafloor Processes

- A full and up-to-date copy of the site survey database associated with this proposal has been assembled on the servers at the BGS.
- ESO operations staff is continuing to evaluate all available seabed drill options, including the evolving RD2 (BGS) and MeBo (MARUM) seabed drills for this proposal.

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·BGS and MARUM engineers are discussing fluid sampling tool development for both seabed drills, required for this proposal.

### **Great Barrier Reef Environmental Changes**

- Post-cruise meeting July 3-6 2012, Heron Island, Queensland, Australia
- First papers now in press
- Read article by Carol Cotterill, Expedition Project Manager in ECORD Newsletter #19

### **3.3 ESO-EMA-ESSAC Outreach & ECORD publications**

P. Maruéjol reported on the outreach activities and news of the ECORD Outreach and Education Task Force.

#### **Outreach Activities (June to October 2012)**

##### **ECORD/IODP booths at international conferences:**

- Goldschmidt, June 22-27, 2012, Montréal (*funded by IODP-MI*)

##### **Publications/materials:**

- Newsletter #19 (October 2012)
- Exp 337 video filmed by a French TV team onboard *Chikyu* (support from ECORD, MARUM and CDEX) - *segments shown on Chikyu TV*

##### **Providing materials to ECORD member countries:**

- ECORD publications at international conferences (IGC) and national events (IODP-Spain).
- Core replicas displayed by ESSAC Office, IODP Canada and BGS.

ECORD website updates related to the new phase

#### **ECORD/IODP at Goldschmidt 2012 (June 24-29, Montréal)**

**About 3,000 participants, 30% students**

##### **ECORD-IODP Exhibition booth**

9sqm, central location, *funded by IODP-MI*

**Thanks to IODP Canada/Geotop support!**

##### **Promoting IODP to geochemists**

Visitors were mostly scientists and students from ECORD countries and USA

≈ 50 subscriptions to *SD journal*

Promoting Arctic (core replica) and open and education calls

##### **IODP Canada Townhall meeting**

>> **Goldschmidt 2013, Florence, August 25-30 2013**

##### **ECORD Newsletter #19 (October 2012)**

24-page issue

News from the ECORD Council, EMA,

ESO, ESSAC and ECORD Outreach

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Reports of *Summer Schools 2012*

Serpentine Days workshop

A Letter from Canada

(*D. Hanano, A. De Vernal and D. Weis*)

Baltic Sea Expedition (*T. Andren et al*)

News from ECORD member countries (*9 over 18*)

### **IODP in the news**

#### **MoHole to the mantle (M2M)**

Information about the project published in *Elements*, August issue

#### **IODP appears on CNN** (early October)

The \$1 billion mission to reach the Earth's mantle (see ECORD News)

#### **IODP Publications Survey**

Seek feedback from online survey to help shape future IODP publications October 30, 2012

Check *ECORD News* posted on <http://www.ecord.org>

#### **Future Activities - Booths at Conferences**

#### **November 2012 - April 2013**

- Participation in AGU 2012, December 3-10, SF: no IODP booth, only a townhall meeting -> ECORD is invited in USIO/COL booth
- IODP short course, December 2: How to communicate your science to non-specialists? Registration is free - Check *ECORD News* for more information
- ECORD at EGU 2013, April 7-10, Vienna: joint IODP-ICDP activities
- May to October 2013 Goldschmidt 2013, August 25-30, Florence, Italy
- 3P Arctic 2013, October 15-18, Stavanger, Norway

#### **Future Activities - Publications**

- ECORD Newsletter #20 - to be released at EGU 2013, early April
- Call for contributions: early February 2012
- Deadline for authors' contributions: March 15, 2012
- Letters from... Denmark and Sweden (upcoming Exp 347)
- Report of MagellanPlus Workshops held in Oct and Nov 2012
- Highlights on an IODP proposal: Atlantis massif (Gretchen Früh-Green)
- Report from DLP 2011-12 (K. U. Hinrichs)
- News from ECORD members
- ECORD Annual Report 2012 to be released by February 2013
- New and updated flyers: 3-fold leaflet and « How to get involved in IODP? » To be distributed at EGU 2013

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- To identify new core replicas for ECORD use with Exp 340 and 337 Co-chief scientists.

### **Future Activities - Websites**

#### **ECORD website:**

Continue updates related to the new IODP phase

Collect web statistics

#### **Education:**

Co-ordinate with ESSAC about teachers activities, in particular during Exp 345

#### **Baltic Sea Exp**

Co-ordinate with ESO to publicize Expedition 347

#### **Next ECORD Outreach and Education TF meeting:**

February. 19-20, 2013, Salamanca

### **3.4 ESSAC representatives and National Office reports**

Each ESSAC delegate gave a short summary about the latest national activities regarding IODP and ECORD issues:

*A. Foubert: Informed that this one is her last meeting. The Belgium Contribution needs to be encapsulated in a research project. This project was just submitted. In function of the evaluation of the project the ESSAC delegate will be nominated.*

*B. Wade: Informs about the UK IODP meeting. Although she does not know the details, she feels very positive for the participation of the UK in the new phase of the Program.*

*I. Snowball: Informed about participation of Sweden with a Swedish participant (C. Agnini) in Expedition 342 and a co-chief (T. Andr en) in the 347 Baltic Expedition. During the summer Ian participated in a German led cruise on R/V Poseidon in the Baltic Sea, which explored two of the proposed IODP sites (BSB-10 & 11) sites. The Swedish council will make a decision in November about IODP renewal (contribution requested 600K US \$ per year). In addition to the participation in ECORD, Swedish scientists (led by Snowball) submitted a proposal to set up a national secretariat for scientific drilling (e.g. IODP and ICDP). He will report to the Swedish council about this ESSAC meeting.*

*G. Frueh-Green: Informed about a workshop in June with keynote speakers to prepare for the renewal process. After overview talks, breakout groups defined Swiss science projects and interests and all was considered for the proposal sent for the Oct 1<sup>st</sup> deadline. Many young people involved - including microbiologist, which was a mandate from national funding agency. She hopes they will be evaluated positively. They will know by March. They asked for same level of contribution. They were also asked to combine the ICDP so there are two proposals. Regarding Swiss participation, she mentioned Maria Isabel Sandoval (Phd) in CRISP (344 Exp.) and Michael Strasser in Nankai as a co-chief (337 Exp.). Michael Strasser is involved in a new proposal and also he is working in a new website for IODP Switzerland. With the new funding, they expect to have a secretariat and meetings once or twice a year.*

*L. Lourens: He is pleased with the invitation to a Netherlands scientist (Caroline Slomp) to the Baltic Sea Expedition. She is very experienced in the Baltic. He has been busy the last two weeks preparing the white paper for the renewal of IODP. A NL IODP symposium was held where Lucas presented the white paper. Next week it will be submitted and the decision will be made on the 2<sup>nd</sup> half of November. They have requested 0.5 million €. The proposal is much more focused in innovative science and industry, so not know how it will behave. D. Brinkhuis made a compilation of the 10 last years of ocean drilling.*

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*S. Uscinowicz: He is pleased that a Polish applicant has been accepted for the Baltic Expedition. They plan to organize/support activities, such as workshops, publications to support the activities related to the Baltic Expedition. They will have a Baltic Geological Conference in September.*

*J. Erbacher: He reports that Germany has been funded up to 6 million /year for the next 6 years. However, Germany will not pay more than the other two large ECORD countries. Since 5 years ago, there is a German consortium of institutions that are working in scientific drilling, involving also IODP and ICDP. He invites us to visit the web page and mentions that the core repository is developing software for cores.*

*W. Piller. He informs that having 3 Austrian scientists sailing in Expeditions has increased the interest from community. He reports that they are not going to increase their participation in the new phase of the program because it is not considered in the portfolio, but the president continues to support the Austrian participation. He is optimistic because informal information are positives, so probably will continue at same level.*

*D. Weis: She reports that 2 Canadian participated in Exp. 343. She also informed about the exhibition booth in a national meeting that proved to be good for connecting students. The Summer School in July was very successful. IODP Canada (ECORD) also provided scholarships to attend ECORD summer school. She also provided information about her DLP talks. Anne de Vernal is stepping out as chair of council. They are accepting applications for educators to participate in the school of rock but she mentions she has a COI with one of the applicants. She informs about participation in IODP expeditions with the Alaska margin, Expedition 345, coming up with K. Gillis as co-chief. About funding for the new program, she informs that there is no procedure to apply anymore. She reports that Canada has funds for the next two years. No consortium neither large infrastructure is supported by the government, only by the industry. They will try to figure out how to get funded in the future.*

*X. Monteys: He speaks about the summary of Ireland IODP News provided for the ECORD Newsletter 19. In an annual seminar a week ago, X. Monteys presented results about the South Pacific Expedition results, posters, etc, trying to engage participation in IODP, including participation by students.*

*A. Voelker: She informs that they received information about the 2012 contribution, which should be paid soon and will be signed and also the payment for FY13. For new program they will have to submit a proposal. They are renewing the web page. Portuguese scientists are actively working in the science from the Bering Sea Expedition and there is a working group on CRISP Expedition materials. In addition, there are several scientists involved in Expedition 339. She notes that there are Summer school participants (3/4) from many different departments.*

*M. Seidenkrantz: Informs that the Danish government has approved the continuation in the new program. This is an oral approval; she does not have a written approval yet. They will sign the MoU. The contribution will remind at the same level at the most. She thinks the science plan helped a lot. ICDP will also like to be established and will be an application coming. She summarizes the Danish participation: In the Baltic expedition, 1 more Danish sailing, co-chief. There is also a Danish student in the Canadian summer school.*

*S. Berné: Informs that George Ceulener apologizes for not joining this ESSAC meeting. He reports that the French participation has increased in all aspects: co- chief, summer schools, teacher at sea... etc. There is a strong indication that they might be funded at same level. This is confirmed now not only by George, but also by the chair of the funding agency (INSU CNRS), who wants this program to be protected from dangers of present situation with budgets cuts. He speaks about a Workshop for developing links with industry in a French level. Support to the program using Germany as example. The funding agency is also planning to increase support to post-cruise activities.*



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*C. Escutia: She reports that there is silent in the Ministry regarding the Spanish budget/contribution. We have provided to the Ministry of statistics about the Spanish achievements (participants in Expeditions, publications ...etc) but there is nor response yet. She mentions about the great number of applications to all aspects of the program: Summer Schools, Expeditions, teachers at sea...The Spanish community is strongly interested in being part of all the IODP activities. We had an IODP booth and round table in the Spanish Geological Congress in Oviedo, in July, and it was very successful.*

## **4. Breakout sessions**

### **4.1 Introductions**

Introductions were provided by C. Escutia to guide discussions.

The N&S Subcommittee discussed about:

1. ESSAC ToR (work on doc. file provided by ESSAC)
2. Replacement of Maryline Moulin in PEP

The E&O Subcommittee discussed about:

1. Wording for Scholarships (work on doc. files provided by ESSAC)
2. Wording for Grants (work on doc. files provided by ESSAC)
3. DLP: Extended deadline after the May 2012 meeting to September 15th, 2012

Applications received from:

- Claude Hillaire-Marcel (Canada)
- José Abel Flores (Spain)
- Benoît Ildefonse (France)

In order to cover all the different themes of the IODP Science Plan, the ESSAC Office sent invitations to become one of ECORD Distinguished Lecturers to:

- Angelo Camerlengui (earth in motion)
- Michi Strasser (earth in motion)
- Rolf Pedersen (earth connections and biosphere)
- Tim Felderman (Biosphere)

***All honored but declined***

WAY FORWARD (to be discussed):

- ESSAC agree to have 3 DLP lecturers who have applied?
- ESSAC OK with 2 climate DLPs?

The Arctic Ocean in the Cenozoic Climate System  
Paleoceanography: a history of Deep Ocean Drilling projects & future

- ESSAC to OK B. Ildefonse considering he was a DLP?

OR

- ESSAC to nominate scientists of Earth in motion and Biosphere themes

ESSAC Office to send invitations and issue a call for hosting the DLPs at end of Nov. at the latest

### **4.2 Breakout sessions: ESSAC Nominations and Staffing/ Education and Outreach/ AD-HOC working Group**

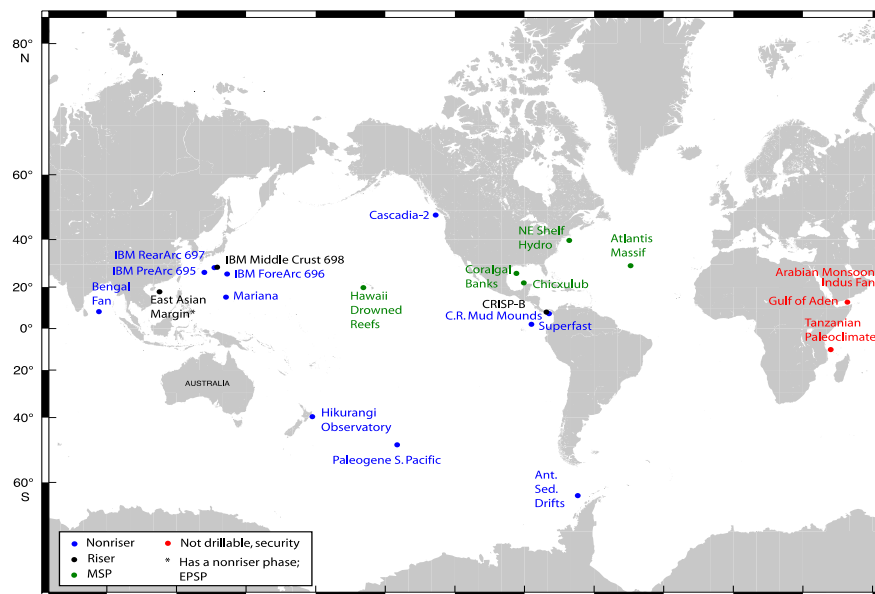
Separate meeting of the ESSAC Nomination and Staffing and the Education and Outreach Subcommittees, and Plenary discussion regarding the ESSAC ToR.

## 5. Nominations and Staffing

### 5.1 Staffing

5.1.1 & 5.1.2 C. Escutia updated the status of the staffing of IODP Expeditions and the quotas.

OTF\_map\_2012\_post PEP



## USIO Expeditions

EXPEDITION USIO	#	Dates	Status	ECORD Staffing
Paleogene Newfoundland Sediment Drifts	342	Jun 2-Aug 1 2012	Completed	8 ECORD: 3 UK, 2F, 2D, 1 S 1 Co-Chief: P. Wilson (UK)
Costa Rica Seismogenesis Project 2 (CRISP)	344	Oct. 23-Dec 11 2012	Completed	9 ECORD Invited : 3D;2F; 1UK; 1 AU; 1CH; 1 non quota (ES) 1 Withdrawal: Stipp (D) 1 Withdrawal Drab (F) = 7 ECORD
Hess Deep Plutonic Crust	345	Dec 11-Feb 12 2013	Completed	9 ECORD: 2D, 3F, 2UK, 1N 1 Co-hief (Canada)
Southern Alaska Margin Tectonics, Climate & Sedimentation	341	May 29-Jul. 29 2013	Completed	9 ECORD: 2D, 2F, 2UK, 1N, 1 CAN, 1E
Asian Monsoon	346	July 29-Sept. 28 2013	<i>In Progress</i>	

## CDEX Expeditions

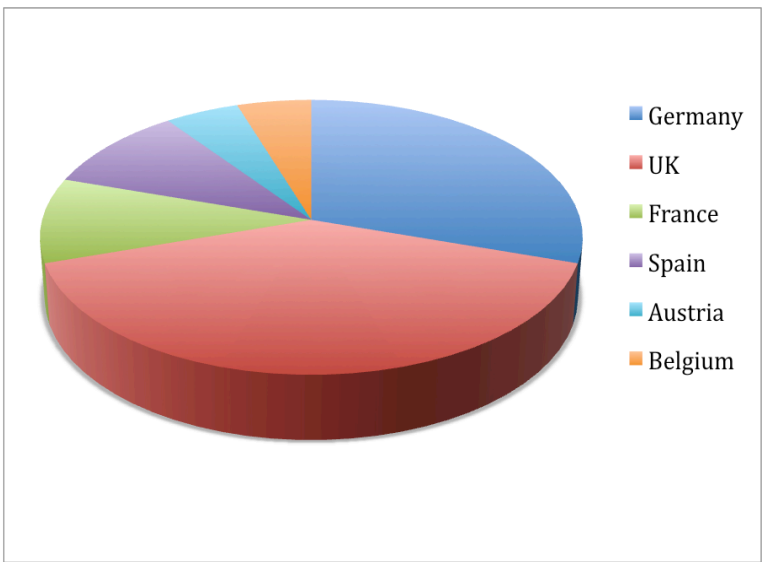
EXPEDITION CDEX	#	Dates	Status	ECORD Staffing
Japan Trench Fast Drilling Project	343	Apr. 1-May 24 2012	Completed	8 ECORD: 2 D, 1 F, 2 UK, 1 It, 2 CAN
Deep Coalbed Biosphere off Shimokita	337	July 6-Sept 15 2012	Completed	9 ECORD: 4 D, 2 UK, 1 AUS, 1 DK, 1 no flag (UK) 1 Co-chief Germany
NanTroSEIZE Plate Boundary Deep Riser – 2	338	Sept 9-Jan 31 2013	Completed	8 ECORD: 3D, 1 F, 2 UK, 1 SWI, 1 E 1 Co-chief Switzerland

## MSP Expeditions

EXPEDITION MSP	#	Dates	Status	ECORD Staffing
Baltic Sea Paleoenvironment	347	Ship: Spring 2013 Onshore: Fall 2013	<i>In progress</i>	

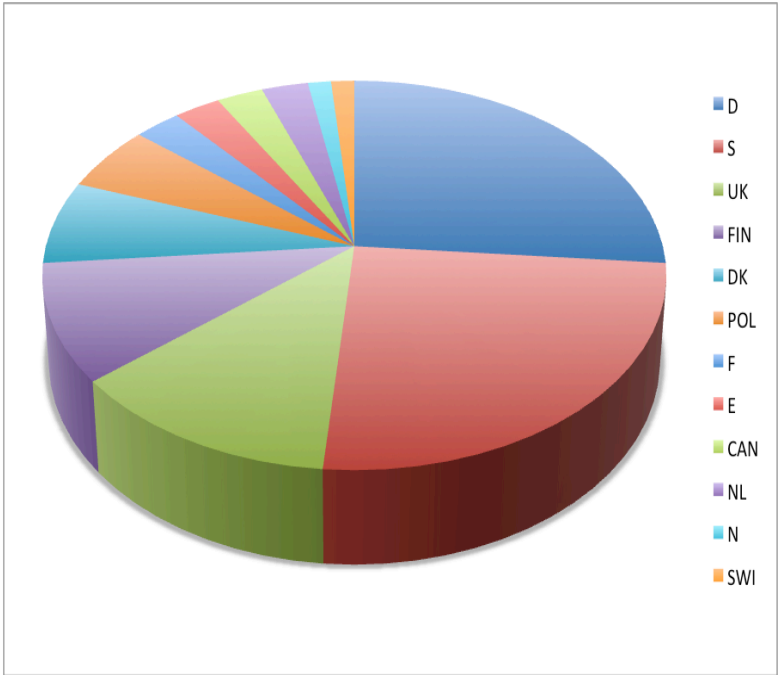
**IODP Expedition 344: Costa Rica Seismogenesis Project (CRISP) A2**  
7 ECORD: 2 D, 1 F, 1 UK, 1 Austria, 1 Switzerland, 1 Non-quota (Spain)

**IODP Expedition 346: Asian Monsoon**  
Schedule: July 29-Sept. 28, 2013  
20 ECORD applications: 8 UK, 6 D, 2 F, 2 SP, 1 A, 1 B



**Expedition 347: Paleoenvironmental evolution of the Baltic Sea Basin (BSB) through the last glacial cycle**

- Co\_Chiefs: Andren Thomas (Sweden) & Bo Barker Jørgensen (Denmark)
- 76 applications (19 D, 18 SW, 9 UK, 7 FIN, 5 DK, 4 POL, 2 F, 2 SP, 2 C, 2 NL, 1 N, 1 SWI)
- + 4 applications From Russia



**ESSAC Consensus 1210-05:** ESSAC agrees that the Delegates need to be more proactive in promoting “early career” scientist participation during all stages of the process, especially ranking and nomination. This shall be followed up by the ESSAC Office in communications with ESO.

**ESSAC Consensus 1210-06:** ESSAC expressed concern about COI in the selection of shipboard parties and encourages ESO to work with the co-chiefs to avoid COI situations.

> **ESSAC Action Item 1210-03:** ESSAC Office to separate in ranking spreadsheets senior from “early career” scientists.

### Quota including FY12 contributions

Shimo NantrcMOW LessAl S-AlasNewFcJFAST CRISP S. AlslA.Mon Baltic												Total berths so far	Member	NEW Financial Contribn	NEW Entitlement	ALLOC	Co-chief
Exp 337	Exp 338	Exp 339	Exp 340	Exp 341	Exp 342	Exp 343	Exp 344	Exp 345	Exp3 46	Exp3 47							
	1	2	5	2	2	1	1	3	2	1	83	France	25.6%	95.5	-12.5	7	
5	3	1	1	2	2	2	2	2	2	2	97	Germany	26.1%	97.3	-0.3	6	
3	2	2	3	2	3	2	1	2	4	2	94	UK	25.6%	95.4	-1.4	6	
8	6	5	9	6	7	5	4	7	8	5	274	Sum	77.3%	288.2	-14.2		
1		1					1				3	Austria	0.5%	1.9	1.1		
											1	Belgium	0.2%	0.6	0.4		
				1		2		1			11	Canada	1.7%	6.4	4.6	2	
1										2	10	Denmark	1.9%	7.0	3.0	1	
										2	4	Finland	0.4%	1.4	2.6		
											0	Iceland	0.1%	0.5	-0.5		
											1	Ireland	0.7%	2.6	-1.6		
						1					10	Italy	1.1%	3.9	6.1	2	
		1								1	8	The Netherlar	1.9%	6.9	1.1	1	
				1				1		1	12	Norway	5.1%	18.9	-6.9		
										1	1	Poland	0.0%	0.1	0.9		
		1									4	Portugal	0.5%	1.9	2.1		
	1	2		1							13	Spain	3.0%	11.3	1.7	2	
					1					3	11	Sweden	3.2%	11.8	-0.8	2	
	1						1				10	Switzerland	2.6%	9.6	0.4	1	
2	2	5	0	3	1	3	2	2	0	10	99	Sum	22.7%	84.8	14.2		
10	8	10	9	9	8	8	6	9	8	15	373	Total ECORD		373	0.0		
Ger	CH	JK, E	E	F		UK		CAN		SW,D							

## 5.2 Updates on SAS panels

C. Escutia presented rotations on panels and updated the status of the new applications.

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

## 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

### Proposal Evaluation Panel (PEP)

*Dick Kroon	UK (-Oct 13)	M. Strasser	Switzerland (- May 14)
M. Moulin	Portugal (- May 14)	L. McNeill	(- Dec 15)
S. Robinson	UK (May12- Dec14)	V. Heuer	Germany (- Dec 15)
J. Geldmacher	Germany (- May 15)	Adelie Delacour	France (- May 14)
Nabil Sultan	France (- May 14)		
			* Chairman

## ECORD Memberships in New SAS

### Site Characterisation Panel (SCP)

Gilles Lericolais France (- Nov13)

\*Gabi Uenzelmann Germany (- Nov12/  
August 13)

Mads Huuse UK (- Dic 15)

Dave Mosher CND (- Dic 15)

### Environment Protection and Safety Panel (EPSP)

Martin Hovland Norway (Sep 10 - )

Bramley Murton UK (Sep 10 - )

Philippe Lapointe France (Dec 06 - )

Dieter Strack Germany (Dec 03 - )

### Scientific Technology Panel (STP)

Nathalie Vigier France (- Feb 13)

Stefan Kutterolf Germany (- Feb 14)

Cedric John UK (- Feb 14)

\*Douglas Schmitt Canada (- Aug 12)

#### New members

\* Will be substituted by S. Krastel after Summer-13 meeting

\*Vice-Chair, will continue as chair

### 5.3 N&S Subcommittee report

L. Lourens presented the outcomes of the discussions within the N&S Subcommittee and after plenary discussions the following consensus were reached.

**ESSAC Consensus 1210-07:** ESSAC agrees to issue a new call for small countries membership in PEP to find a replacement for Marylin Moulin.

> **ESSAC Action Item 1210-04:** ESSAC Office to issue a call for small countries membership on the PEP. The call will target all countries excluding Switzerland and Canada.

**ESSAC Consensus 1210-08:** ESSAC has reached a consensus about ESSAC's role in the new ECORD structure. The ESSAC ToR detailing the role and responsibilities of ESSAC within ECORD will be forwarded to EMA for consideration by the ECORD Council during the November 2012 meeting.

> **ESSAC Action Item 1210-05:** ESSAC Office to circulate among Delegates the drafts of the ECORD MoU, which includes the ToR for the other ECORD bodies.

> **ESSAC Action Item 1210-06:** ESSAC Office to circulate among Delegates a draft of the ESSAC ToR discussed in their 24-26 October meeting for final consideration in the

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context of the ToRs from other ECORD bodies. After an email revision and approval the ESSAC ToR will be forwarded to EMA.

## 6. ECORD highlights

6.1 Paul Wilson gave a Report of the "Paleogene Newfoundland Sediment Drifts IODP Expedition 342 "

## 7. ECORD highlights

7.1 Benoit Idelfonse gave a summary of plans and goals of the "Hess Deep Plutonic Crust, IODP Expedition 345"

## 8. Education and outreach

### 8.1 Summer Schools 2012 update

L. Lourens gave a short report about the Urbino Summer School in Paleoclimatology, July 2012.

The Summer School was in July. There were 15 teachers. The registration fee was 600 euros. 20 students were awarded with a scholarship ( from ECORD and from other Programs).

It was a very international group, many nationalities were represented.

The summer school lasted 3 weeks. The first week was focused in the methology and introduction and the 2nd and third week were more specialized.

The field trip was in a nice Cretaceous to Eocene succession. Students were grouped in the field trip and at the end, they made presentations.

8.1.2 ECORD Summer School on Submarine Landslides, MARUM, Bremen, September 2012

J. Erbacher reported about the aims, location, organization, program and field trip of the ECORD Summer School on Submarine Landslides in Bremen.

### The Participants

31 PhD students and young post-docs from Europe & Canada & Australia

(8 Germany, 3 UK, 3 Switzerland, 3 Portugal, 3 Canada, 2 France, 2 Belgium, 1 Ireland, 1 Italy, 1 Norway, 1 Spain, 1 Israel, 2 Australia)

**ECORD Summer School "Best Oral Presentation Award" for Gauvain Wiemer, Univ. of Bremen.**

**Title: Volcanic ash occurrence as key in submarine slope failure?**

### Outlook

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

- Earth History
- The Deep Seafloor 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, and the second now in 2012 we will start*



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with the 3<sup>rd</sup> cycle in 2013 with the **ECORD Summer School on "Deep-Sea Sediments: From Stratigraphy to Age models (September 9-20, Bremen).**

### 8.1.3 Impacts of the Cryosphere dynamics from Land to Ocean, Montreal, July, 2012

D. Weis reported about the ECORD Summer School Impacts of the Cryosphere dynamics from Land to Ocean in Montreal.

## 8.2 Student Report from the Urbino Summer School.

C. Angue Minto´o gave a summary of his experience in the Urbino Summer School 2012.

## 8.3 Outlook and ECORD Summer Schools 2013-2014

J. Gutierrez-Pastor gave an update of ECORD Summer Schools 2013 and inform about future calls. Two summer schools were approved:

1. ECORD **Bremen** Summer School 2013 on Deep -Sea Sediments: From Stratigraphy to Age Models (requested 12.500 euros)
2. **Urbino** Summer School in Paleoclimatology 2013 (requested 20.000 euros)

Call for Scholarships to be issued in December 2012

Call to HOST Summer Schools 2014 to be issued at the end of this year

> **ESSAC Action Item 1210-07:** ESSAC Office to issue a call for ECORD Scholarships to participate in the ECORD Summer Schools FY13.

> **ESSAC Action Item 1210-08:** ESSAC Office to issue a call for ECORD Summer Schools in FY14.

## 8.4 ECORD Grants and Scholarships 2012-13

J. Gutierrez-Pastor gave an update of ECORD Scholarships and Grants 2012 and future calls.

Reminder: 83 Applications, 18 Awarded: (B: 2, CA: 1, CH: 1, D: 2, DK: 1, P: 1, E: 2, NL: 2, UK: 6)

After 18<sup>th</sup> ESSAC meeting:

- Letters for each awarded and non-awarded student were sent
- Awarded student list was posted in the Website
- The ESSAC offices has received most of invoices/documents for reimbursement
- Documents are already in the economic Department

The ESSAC office has contacted to students from the Urbino and Bremen Summer School to provide of a report for the upcoming Newsletter:

- the Bremen ECORD student Team provided one report and photo
- one student from the Urbino Summer School provided report an photo
- one student from the Montreal Summer School also provide with a report to P. Maruejol.

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**REVISED ESSAC HANDLING OF THE REVIEW OF APPLICATIONS FOR ECORD SCHOLARSHIPS:**

- 1) Summer Schools will be provided with a letter with guidelines/criteria for the review of scholarships. The schools should follow the criteria of prioritizing first the letter of motivation and second the CV.
- 2) 1-2 ESSAC Delegates will be charged to check the applications and the rankings provided by the ECORD Schools, and to give recommendations to the ESSAC Committee.

**Research Grants**

J. Gutierrez-Pastor presented the updates about Grant program.

20 Applications, 6 awarded student up to 2000 Euros:

3 France

1 Uk

1 Germany

1 Denmark

*Revised call wording ESSAC Consensus Item 1205-10: has been discussed in the Breakout Session:*

1. Is the call wording appropriate regarding the overall objective for the research grants?

1. We propose that the call includes in the wording that the work/analysis to be carried out cannot take place in home labs

2. Data/material to be used in the proposals

1. We are proposing that preference will be given to DSDP/ODP/ IODP post moratorium material (to avoid proposals to carry out analysis within current IODP expeditions timeframes)

*Next Call: Early January*

> **ESSAC Action Item 1210-09:** ESSAC Office to contact the Urbino Summer School to ask when possible to include teachers from other ECORD countries.

> **ESSAC Action Item 1210-10:** ESSAC Office to issue a call for ECORD Grants FY13.

**8.5 Distinguished Lecturer Programme update**

J. Gutierrez-Pastor presented a summary of the Distinguished Lecturer Programme 2012 and showed the applications for the next round of DLPs.

The round of 2012 talks has successfully finished:

30 lectures

13 ECORD countries

2 non-ECORD countries

Speakers:

Kai-Uwe Hinrichs

Dominique Weis

Helmut Weissert

In the Symposium on Scientific Ocean Drilling celebrated in Haifa, Israel, under the auspice of ECORD, Dominique Weis and Kai-Uwe Hinrichs gave a DLP talk.

**ESSAC Consensus 1205-12:** ESSAC approves to extend the call for applicants for DLP, while identifying and encouraging excellent scientists and communicators in the 4 them of the science plan to apply.

Extended deadline for speakers 2013:15<sup>th</sup> July, 2012

3 applications:

C. Hillaire-Marcel (Climate) CANADA

J. Flores (Climate), SPAIN

B. Ildefonse (Earth connections) FRANCE

NOVEMBER: Call for Institutions to Host DLP speakers

> **ESSAC Action Item 1210-11:** The ESSAC Office will contact Roger Urgeles, Olivier Rouxel, Anne Le Friant and Michele Rebesco, as DLPs. If no DLPs are identified, then ESSAC Office will invite José Abel Flores to be the DLP.

> **ESSAC Action Item 1210-12:** ESSAC Office to issue a call for institutions to host the DLP in FY13.

## 8.6 Teacher at Sea

J. Gutierrez-Pastor presented a summary of the Teachers at Sea and School of Rock Programme 2012.

Teachers/ Educators applied to participate in 4 IODP Expeditions: 341, 344, 345 and 346.

8 applications:

NAME	COUNTRY	POSITION
Gebbels, Susan	UK	University
Faherty, Anna	UK	Lecturer
Greco, Roberto	Italy	high school
Meier, Mag. René Georg	Austria	high school
Guerola Soler, M <sup>a</sup> Francisca	Spain	middel school
Berenguer, Jean-Luc	France	middle school, high school community college
Clay, Gareth	UK	University
Cunningham, Annie	UK	University

-Ranking by the ESSAC Outreach and Education Subcommittee (led by X. Monteys)

Two ECORD candidates have been selected by the Deep Earth Academy to participate in the 345 Hess Deep Expedition:

1. Susan Gebbels, from UK
2. Jean -Luc Berenguer, from France

National offices will cover travel expenses.

### Other Business:

J. Gutierrez-Pastor Reported about ECORD scientists participation in the Sedimentology Course of the U.S. Science Support Program. This Course is for students, post-docs and Professionals that will or are planning to sail in an IODP Expedition.

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-Improve skills or learn to integrate sedimentology data with physical properties, biostratigraphy and geochemist data.

Preference: Invited scientists

The ESSAC office contacted people who are going to sail in upcoming Exp. but nobody applied  
The ESSAC office received 2 ECORD applications from scientists wishing to sail in an IODP Exp.

· Sue Mahoney, Post-Doc, UK

· Sidonie Revillon, Researcher, FRANCE

The Travel was funded by ESSAC.

## **8.7 E&O Subcommittee report, discussion and future actions**

X. Monteys gave the report of the E&O discussion and future actions.

E&O Subcommittee:

### **Scholarships:**

1. Criteria to be provided in a letter to the ECORD Summer Schools for ranking of ECORD scholarship applicants:

Please note that Conflicts of Interest (COI)\* matter. The reviewer and the scholarship applicant can not be from the same institution, neither can be related. If this is the case, we would ask the reviewer to find a suitable substitute.

- a) Letter of motivation
- b) Letter of support
- c) CV
- d) Preference will be given to PhD students

\* A perceived Conflict of Interest is a situation where an actual or potential Conflict of Interest may or may not exist, but where there may be, nonetheless, from the perspective of a reasonably well-informed, impartial observer, a perception of a Conflict of Interest. This is sometimes referred to as an "apparent" conflict of interest.

## **2. ESSAC HANDLING OF THE REVIEW OF APPLICATIONS FOR ECORD SCHOLARSHIPS**

After applications are received at the ESSAC Office,

(1) List of applicants and application packages sent to each of the ECORD Summer Schools for review and ranking within the timeline provided by the ESSAC Office. With this package, the Summer Schools will receive a cover letter providing the guidelines/criteria for the review of scholarships. The schools should follow the criteria set by ESSAC.

Note that each School receives only the list of students that have applied for that school, not the complete list.

At the same time the ESSAC Office will send the ESSAC Delegates the complete list of applicants and applications packages.

(2) ESSAC Office receives reviews/rankings from the ECORD Schools and circulates them among the ESSAC Delegates for their review and comment within the timeline provided by the ESSAC Office. One or two ESSAC Delegates will be responsible for checking the applications and the rankings and to provide ESSAC with recommendations Here

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we are looking for Delegates to check the school rankings for consistency and for balance between ECORD countries applicants and institutions. Note that ESSAC delegates can still rank all the applications

(3) The rankings by the ECORD Schools and the recommendations by the ESSAC Delegates will be discussed by the Education and Outreach Subcommittee for final nominations and approval by ESSAC. This discussion will usually take place during the spring ESSAC meeting and within the E&O Subcommittee meeting. When necessary (e.g., because of ECORD Summer School registration deadlines), this discussion can also take place by e-mail.

(4) The ESSAC Office will inform the selected students and will forward the list of these students to the ECORD Summer Schools

**ESSAC Consensus 1210-09:** ESSAC agrees on the revised procedure for handling the ECORD Scholarships. This procedure will include a cover letter to the Summer Schools containing guidelines/criteria approved by Delegates for the review of the scholarship applications.

#### **Grants:**

**ESSAC Consensus 1210-10:** ESSAC agrees on the revised wording of the call for applications for the ECORD Grants FY13. The call will prioritize work on Ocean Drilling Program (i.e., DSDP, ODP, IODP) materials by early career scientists. Preference should be given to work in laboratories other than the home lab and to establishment of new collaborations; and should request a letter of support from the host institution not just the home laboratory.

#### **DLPs:**

**ESSAC Consensus 1210-11:** ESSAC approves Claude Hillaire-Marcel and Benoit Ildefonse as DLP for FY13. In case of B. Ildefonse, who was previously a DLP, the host institutions should be different than those he already visited in an earlier cycle.

## **9. Workshops Reports**

### **9.1 ECORD-ICDP MagellanPlus**

J. Erbacher reported on the Magellan Plus Program.

#### **MagellanPlus Steering Committee Members:**

Marit Seidenkrantz (DK, ECORD)

Lucas Lourens (NL, ECORD)

Rüdiger Stein (D, ECORD)

Serge Berné (F, ECORD)

Johan Lissenberg (UK, ECORD)

Ales Spicak (Czech Republik, ICDP)

#### **Workshops in 2012**

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**•Records of Geohazards and Monsoonal Changes in the Northern Bay of Bengal - Preparation of an IODP Drilling Proposal (by Volkhard Spiess, Tilmann Schwenk and Herrman-Rudolf Kudraß):**

The workshop will be held on **October 8. to 10. 2012 in Bremen**, Germany. Twenty participants have been invited and nineteen have accepted their invitation. To enable the participation of scientists from e.g. India, Bangladesh and Japan, the proponents have requested financial support from IODP-MI.

**Report expected soon, but – well.....**

***Drilling an active hydrothermal system of a submarine intra-oceanic arc volcano (by Wolfgang Bach & Cornel de Ronde):***

The workshop will be held on **November 15.-17. 2012 in Lisbon**, Portugal and co-organized by Ferando Barriga. The organizers expect 30 participants. To enable the participation of scientists from e.g. New Zealand and other non-ECORD countries, the proponents have requested financial support from IODP-MI.

**Call of July 1<sup>st</sup> (5 new and 1 revised proposal were received!)**

- 1.) Deep-sea Record of Mediterranean Messinian events  
(DREAM) *by Angelo Camerlenghi et al. (May 6-8, 2013 - Brisighella, Italy)*
- 2.) Support for the ICDP Oman Ophiolite Drilling Project  
Workshop, New York, 14-17 September 2012 *by Chris MacLeod et al.*
- 3.) *Arctic marine gas hydrates: past, present and future stability, by Jürgen Mienert et al.*
- 4.) Scientific Drilling and Geothermal studies *by C. Pascal et al.*
- 5.) Advancing our Understanding of Cretaceous Ocean Dynamics by Scientific Drilling *by Stuart Robinson et al. (April 15-17, 2013 - London, United Kingdom)*
- 6.) **Improving IODP pre-proposal 794 HYM “Arctic Slope Stability: Glide Plane Properties of the Hinlopen/Yermak Megaslide” *by Daniel Winkelmann et al.***

J. Erbacher signed that the selected workshops were 1) and 5).

**Upcoming calls and future**

Next call:

February 1st 2013 - submission [magellan.plus@bgr.de](mailto:magellan.plus@bgr.de)

Funding of up to 15 000 per workshop (for up to 4 workshops each year, resulting in 2 proposals that may be funded following this call)

Future (2013 and beyond):

50 000 € for Magellan are in the ECORD budget plan for 2013

10 000 € are promised by ICDP .....and we will try to increase this contribution in the future.

Next annual SC meeting: February 14<sup>th</sup> to 15<sup>th</sup> in Prague

**9.2 Report on further workshops and conferences ACE Antarctic Drilling Workshop**

C. Escutia reported about the ACE Antarctic Drilling Workshop, Portland, July 2012 and IODP SW Pacific Drilling Workshop, Sidney, October 2012.

**ANTARCTIC AND SOUTHERN OCEAN FUTURE DRILLING WORKSHOP**

Portland (Oregon, USA) 13<sup>th</sup> and 14<sup>th</sup> of July 2012

1 ) *How will the Antarctic Ice Sheets respond to elevated temperatures and atmospheric pCO<sub>2</sub>? What is the contribution of Antarctic ice to past and future sea level changes in terms of rate and magnitude?*

2) *What did a “greenhouse world” look like in Antarctica? Can Antarctica sustain any ice sheets when the atmosphere is above 1000 ppm CO<sub>2</sub>?*

3) *What were the patterns, causes, and consequences of Gondwana breakup (recorded in large igneous provinces and continental fragments of the Southern Ocean)? What was the timing of rifting and subsidence controlling the opening of ocean gateways and the initiation of the circumpolar current system?*

**The current state of planning and development for Antarctic drilling projects**

Active Proposals	Name of PI	status	Region
IODP 751-Full	Bart Phil (USA)	To be re-submitted to PEP on April 1 <sup>st</sup> 2013	Ross Sea, Eastern, outer shelf, slope and rise
ANDRILL –CH	Luyendyk Bruce (USA)	Ongoing scientific review. Drilling is planned for 2014-2016??	Ross Ice Shelf / Coulman High
784-Full	Gohl Karsten (Germany)	Re-submitted with corrections to PEP on October 1 <sup>st</sup> 2012	Amundsen Sea Embayment shelf and rise
732-Full	Channell Jim (USA)	PEP highest ranking	West Antarctic Peninsula & Bellingshausen Sea sediment drift
New pre-proposal	Wise Woody (USA)	Submitted to PEP on Oct. 1st, 2012	Weddell Sea and Scotia Sea
New pre-proposal	Williams Trevor (USA)	Submitted as a Mission Specific Platform (MSP) pre-proposal on October 1 <sup>st</sup> 2012	Adelie-George V Land margin (East Antarctica)
567-Full	Thomas Debbie (USA)	OTF. Waiting for scheduling.	South Pacific
625-Full	Gersonde Reiner and Lamy Frank (Germany)	To be submitted as a full prop. Revised (including only the South east Pacific sites) On April 1 <sup>st</sup> 2013	South East Pacific

Future proposals	Name of PIs	status	Region
IODP-MSP	Busetti, De Santis, Sauli, Levy, Lyendyk, Bart et al. (Italy-USA)	Pre-proposal to be submitted on April 1 <sup>st</sup> 2013	Ross Sea, North Victoria Land coast and Northern Basin
IODP-MSP	Luyendyk, Wilson et al (USA)	Pre-proposal (ex SHALDRILL) will be submitted after ANDRILL-Coulman High drilling	Ross Sea, Eastern inner shelf, Roosevelt Is.
ANDRILL	Naish Tim (NZ)	Will be submitted after seismic survey	Ross Ice Shelf: Kamb Ice Stream, Siple coast
ANDRILL	Harwood David (USA)	A Pre-proposal will be submitted after seismic survey	Ross Ice Shelf, TAM Byrd Glacier, Discovery Deep
ANDRILL	Pekar Steve (USA)	Pre-proposal will be submitted after ANDRILL Coulman High drilling	Ross Sea, Southwestern coast, off Shore New Harbor
IODP	Weber, Lamy, Domack et al. (Germany, USA)	Pre-proposal to be submitted Apr. 1st, 2013	Scotia Sea, Chile margin, Antarctic Peninsula
IODP	Lamy Frank (Germany)	To be submitted as a pre-prop. On April 1 <sup>st</sup> 2013	South West Pacific
IODP	Ikehara, Leitchenkov, Kuhn, Naish, Dunbar, Crosta, et al. (Japan, Russia, Germany, NZ, USA, France)	Former pre-proposal 804. To be re-submitted as a pre-prop. On April 1 <sup>st</sup> 2013  A workshop is planned in nov. 2012 in Japan	Enderby Land, Riiser-Larsen Sea, Conrad Rise, Del Caño Rise, South Indian Ocean
IODP	Coffin, Leitchenkov et al (AUS, Russia)	Pre-proposal submitted by Apr. 2013	Kerguelen Plateau, Princess Elizabeth Trough; Bruce Bank
IODP	O'Brien, Leitchenkov et al. (AUS, Russia, USA, Italy, Germany)	Waiting for a better site survey	Totten Glacier margin - Budd Coast

## SW PACIFIC IODP WORKSHOP

Sydney (Australia) 9-11 October 2012

### 1. Climate and Ocean Change (Jim Kennett and Rob McKay)

#### SW Pacific Paleogene Transect Tropics to Antarctica

Current reconstruction of meridional SST gradient

CCD history of the South Pacific

Models of proto Ross Gyre and surface water circulation

Mode of deep-water circulation and relationship to global climate

Intensity and pattern of Southern Hemisphere winds

#### *Targets*

South Pacific Paleogene Latitude Transect (567: SPLAT) – Debbie Thomas

An APL is to be added to drill into oceanic basement at a couple of sites – Richard Arculus?

Coulman High (ANDRILL) – Richard Levy

Wilkes Land (IODP – MSP) – Carlota Escutia

Lord Howe Rise – Jerry Dickens for Climate; Rupert Sutherland overall)

Campbell Plateau – Chris Hollis

Campbell Drift – Sandra Kirtland-Turner

#### Neogene and Quaternary climate and ocean change



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Western Pacific Warm Pool (799) – Yair Rosenthal  
Ross Sea (751) – West Antarctic Ice Sheet history  
Sabine & Bougainville Banks history (730) – Fred Taylor  
**2. Deep Biosphere (Steve D’Hondt and Ken Takai)**

Gulf of Papua (full program) – Jerry Dickens  
DSDP Site 262 (APL), Timor Trough  
Brothers Caldera (APL?)  
Hikurangi Subduction Margin (APL?)  
Tonga Trench (APL?)

### **3. Earth Connections (Mike Gurnis and Richard Arculus Jim Mori and Laura Wallace)**

Formation of LIPS and their impact on the global environment: Greater ‘Ontong Java Plateau’ – Clive Neal  
Initiation of Subduction and origin of deep water sedimentary basins: Lord Howe Rise and environs – Rupert Sutherland  
Structure and dynamics of mantle flow: Australian-Antarctic Discordance – Jo Whittaker?

### **4. Earth in Motion (Jim Mori and Laura Wallace)**

#### **Proposals in the System:**

Hikurangi slow slip - 781-MDP - Riserless Drilling – Laura Wallace  
Hikurangi slow slip - 781A-Full - Observatory Phase – Damien Saffer  
Hikurangi deep riser drilling phase (being developed) – Laura Wallace

#### **Ideas for New Proposals:**

Brothers Volcano (Cornel de Ronde)  
Manus Basin hydrothermal systems (Chris Yeats)  
Tuaheni Slides (Ingo Pecher)  
Porangahau Fluid Flow & Slow Slip (Ingo Pecher)  
Near Trench Axis drilling-comparative study of Japan, Hikurangi, Costa Rica, Sumatra (Shuichi Kodaira)

### **5. Marine Resources (Alex Malahoff and Clinton Foster)**

The proposals considered under this theme (which is not in the science plan) are being viewed in the context of

(i) adding relevance to already strong science proposals, (ii) prospects for development as complementary project proposals with industry or government co-funding or (iii) opportunities for non-IODP projects in the region, fully funded by industry or government, that will help to keep the drilling platforms viable.

Gas Hydrates – Hikurangi margin, New Zealand - Ingo Pecher (NZ)  
Deep petroleum-oriented studies – Lord Howe Rise - Riko Hashimoto (GA), Shin’ichi Kuramoto (JAMSTEC/*Chikyū*),  
David Divins (Ocean Leadership/*JOIDES Resolution*), Rosemary Quinn (GNS)

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The Brothers Volcano (Cornel de Ronde) and Manus Basin hydrothermal systems (Chris Yeats) studies also have relevance in this theme although they are covered in the *Earth in Motion* science theme (above).

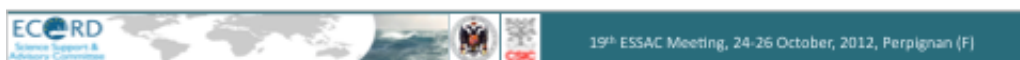
### Chikyu+10

21-23 April, Tokyo (Japan)

The purpose of the workshop is to engage the international community in a discussion of potential future scientific missions using the deep-sea drilling vessel (D/V) Chikyu within the context of the new Illuminating Earth's Past, Present, and Future: The International Ocean Discovery Program Science Plan for 2013-2023 and the post-2013 framework for scientific ocean drilling platform provision and international collaboration. Workshop outcomes will be considered by JAMSTEC in long-range planning for Chikyu operations.

### Chikyu+10 Panel

Mike Coffin [mike.coffin@utas.edu.au](mailto:mike.coffin@utas.edu.au)  
Benoit Ildefonse [benoit.ildefonse@univ-montp2.fr](mailto:benoit.ildefonse@univ-montp2.fr) ECORD  
Kyoko Okino [okino@ori.u-tokyo.ac.jp](mailto:okino@ori.u-tokyo.ac.jp)  
Elisabetta Erba [elisabetta.erba@unimi.it](mailto:elisabetta.erba@unimi.it) ECORD  
Nobukazu Seama [seama@kobe-u.ac.jp](mailto:seama@kobe-u.ac.jp)  
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Kenji Kato [skkato@ipc.shizuoka.ac.jp](mailto:skkato@ipc.shizuoka.ac.jp)  
Dick Kroon [D.Kroon@ed.ac.uk](mailto:D.Kroon@ed.ac.uk) ECORD  
Jun-ichi Kimura [jkimura@jamstec.go.jp](mailto:jkimura@jamstec.go.jp)  
Uli Harms [ulrich.harms@gfz-potsdam.de](mailto:ulrich.harms@gfz-potsdam.de) ECORD  
Pinxian Wang [pxwang@tongji.edu.cn](mailto:pxwang@tongji.edu.cn)  
Sean Solomon [solomon@ldeo.columbia.edu](mailto:solomon@ldeo.columbia.edu)  
Susan Schwartz [susan@es.ucsc.edu](mailto:susan@es.ucsc.edu)  
Brian Horsfield [brian.horsfield@gfz-potsdam.de](mailto:brian.horsfield@gfz-potsdam.de) ECORD  
Lisa McNeill [lcmn@noc.soton.ac.uk](mailto:lcmn@noc.soton.ac.uk) ECORD  
Kenneth Nealson [knealson@usc.edu](mailto:knealson@usc.edu)  
Wolfgang Bach [wbach@marum.de](mailto:wbach@marum.de) ECORD  
Brian Taylor [taylorb@hawaii.edu](mailto:taylorb@hawaii.edu)  
First meeting planned for mid-November 2012 to set the framework for the workshop to be held in April 2013.



### 9.3 Joint IODP/ICDP session at EGU 2013 in Vienna

C. Escutia presented the plans for the Joint IODP/ICDP Session at EGU, Vienna, April, 2013. "Major achievements and perspectives in scientific ocean and continental drilling"  
Conveners: Carlota Escutia, Ursula Röhl, Ulrich Harms, Thomas Wiersberg, Ruediger Stein

## 10. Review of consensus, motions and actions

C. Escutia reviewed the list of consensus, motions and actions of the 19<sup>th</sup> ESSAC meeting.

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**LIST OF CONSENSUS, MOTIONS AND ACTIONS**  
**19<sup>th</sup> ESSAC MEETING**  
**Perpignan, 24-26 October, 2012**

**1. INTRODUCTION**

**1.3 Discussion and approval of the Agenda**

**ESSAC Consensus 1210-01:** ESSAC approves the Agenda of its 19<sup>th</sup> meeting on 24-26 October, 2012 in Perpignan, France

**2. IODP News**

**ESSAC Consensus 1210-02:** ESSAC Supports the biannual publication of the Scientific Drilling. This publication is relevant not only for the scientific community, but also to industry, policy makers, and outreach. ESSAC supports its publication in electronic format however, a smaller production of printed copies is highly desirable for policy makers, industry and outreach.

**ESSAC Consensus 1210-03:** ESSAC recommends that travel support be available at the ECORD level for ECORD scientists to participate in the Facility Board of the other two IODP platform providers. A lack of support would prevent excellent ECORD scientists from applying for membership in these FBs.

**3. ECORD News**

**ESSAC to provide names for ILP to EMA**

**ESSAC Consensus 1210-04:** ESSAC agrees that links between ECORD and industry have to be handled with care taking into consideration conflicting objectives, ethical issues and PR activities.

> **ESSAC Action Item 1210-01:** ESSAC will circulate among Delegates the 2 European infrastructure proposals submitted by EMA and the DS3F.

**5. Nominations and Staffing**

**5.1 Staffing**

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### 5.3. Nomination and Staffing Subcommittee report, discussion and future actions

**ESSAC Consensus 1210-05:** ESSAC agrees that the Delegates need to be more pro-active in promoting "early career" scientist participation during all stages of the process, especially ranking and nomination. This shall be followed up by the ESSAC Office in communications with ESO.

**ESSAC Consensus 1210-06:** ESSAC expressed concern about COI in the selection of shipboard parties and encourages ESO to work with the co-chiefs to avoid COI situations.

> **ESSAC Action Item 1210-03:** ESSAC Office to separate in ranking spreadsheets senior from "early career" scientists.

**ESSAC Consensus 1210-07:** ESSAC agrees to issue a new call for small countries membership in PEP to find a replacement for Marylin Moulin.

> **ESSAC Action Item 1210-04:** ESSAC Office to issue a call for small countries membership on the PEP. The call will target all countries excluding Switzerland and Canada.

**ESSAC Consensus 1210-08:** ESSAC has reached a consensus about ESSAC's role in the new ECORD structure. The ESSAC ToR detailing the role and responsibilities of ESSAC within ECORD will be forwarded to EMA for consideration by the ECORD Council during the November 2012 meeting.

> **ESSAC Action Item 1210-05:** ESSAC Office to circulate among Delegates the drafts of the ECORD MoU, which includes the ToR for the other ECORD bodies.

> **ESSAC Action Item 1210-06:** ESSAC Office to circulate among Delegates a draft of the ESSAC ToR discussed in their 24-26 October meeting for final consideration in the context of the ToRs from other ECORD bodies. After an email revision and approval the ESSAC ToR will be forwarded to EMA.

## 8. Education and Outreach

### 8.7. Education and Outreach Subcommittee report, discussion and future actions

**ESSAC Consensus 1210-09:** ESSAC agrees on the revised procedure for handling the ECORD Scholarships. This procedure will include a cover letter to the Summer Schools containing guidelines/criteria approved by Delegates for the review of the scholarship applications.

> **ESSAC Action Item 1210-07:** ESSAC Office to issue a call for ECORD Scholarships to participate in the ECORD Summer Schools FY13.

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> **ESSAC Action Item 1210-08:** ESSAC Office to issue a call for ECORD Summer Schools in FY14.

> **ESSAC Action Item 1210-09:** ESSAC Office to contact the Urbino Summer School to ask when possible to include teachers from other ECORD countries.

**ESSAC Consensus 1210-10:** ESSAC agrees on the revised wording of the call for applications for the ECORD Grants FY13. The call will prioritize work on Ocean Drilling Program (i.e., DSDP, ODP, IODP) materials by early career scientists. Preference should be given to work in laboratories other than the home lab and to establishment of new collaborations; and should request a letter of support from the host institution not just the home laboratory.

> **ESSAC Action Item 1210-10:** ESSAC Office to issue a call for ECORD Grants FY13.

**ESSAC Consensus 1210-11:** ESSAC approves Claude Hillaire-Marcel and Benoit Ildefonse as DLP for FY13. In case of B. Ildefonse, who was previously a DLP, the host institutions should be different than those he already visited in an earlier cycle.

> **ESSAC Action Item 1210-11:** The ESSAC Office will contact Roger Urgeles, Olivier Rouxel, Anne Le Friant and Michele Rebesco, as DLPs. If no DLPs are identified, then ESSAC Office will invite José Abel Flores to be the DLP.

> **ESSAC Action Item 1210-12:** ESSAC Office to issue a call for institutions to host the DLP in FY13.

## 10. Other business

**ESSAC Consensus 1210-12:** ESSAC approves the minutes of its 18<sup>th</sup> meeting after comments from Delegates are incorporated.

**ESSAC Consensus 1210-13:** ESSAC thanks Anneleen Foubert, Delegate from Belgium who is rotating off for her service to ESSAC Committee.

**ESSAC Consensus 1210-14:** ESSAC thanks Serge Berné for hosting the 19th ESSAC Meeting in Perpignan, France.

## 11. Next meetings

**ESSAC Consensus 1210-15:** Location of ESSAC Meeting #20 is Gdansk, Poland. The date of the meeting will be on 3-5 June 2013.

## 11. Next meetings

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S. Uscinowicz introduced the city and venue for the next ESSAC meeting in Poland.

ESSAC #20, May 2013, Poland

ESSAC #21, October 2013, Israel?

**ESSAC Consensus 1210-15:** Location of ESSAC Meeting #20 is Gdansk, Poland. The date of the meeting will be on 3-5 June 2013.

## 12. Any other Business

**ESSAC Consensus 1210-12:** ESSAC approves the minutes of its 18<sup>th</sup> meeting after comments from Delegates are incorporated.

**ESSAC Consensus 1210-13:** ESSAC thanks Anneleen Foubert, Delegate from Belgium who is rotating off for her service to ESSAC Committee.

**ESSAC Consensus 1210-14:** ESSAC thanks Serge Berné for hosting the 19th ESSAC Meeting in Perpignan, France.