15th Meeting of the
Science Steering and Evaluation Panel
November 9-12th, 2010
Portland OR, USA

Minutes

1. Joint Session, Introduction

1.1. Call to Order and brief introduction to the meeting (SSEP co-chair Torres)

SSEP co-chair Torres welcomed participants, thanked all panel members for attending, particularly those who agreed at the last minute to serve as alternates. Torres also thanked Kathryn Barnard for leading a Terror field trip on Monday Nov 8th. Torres briefly reviewed the meeting agenda and described how the meeting would be organized. Torres explained the tasks of the meeting: traditional reviews (26 proposals) as well as evaluation of the old and active proposals (40 proposals) following a request by SPC.

1.2. Self-introduction of panel members, liaisons, and guests

The attendees briefly introduced themselves, and explained their function during the meeting. Meeting attendees are included in ***Appendix 1***.

1.3. Welcome and meeting logistics (host Torres)

Local host SSEP member Torres briefly explained logistics and meeting plans

1.4. Approval of present 14th SSEP meeting agenda (Torres)

SSEP Consensus 1011-1: The SSEP approves the revised agenda of their 15th meeting, November 9-12, 2010 in Portland, OR, USA.

The agenda for the 15th meeting of SSEP is provided as *Appendix 2***.**

1.5. Approval of last (14th) SSEP meeting minutes (Torres)

Torres asks for approval of the most recent 14th SSEP meeting in Kochi, Japan (May 2010). Torres asked for a consensus to approve the minutes 'as is', and all members agreed.

SSEP Consensus 1011-2: The SSEP approves the minutes of their 14th SSEP meeting on May 2010, Kochi, Japan.

1.6 IODP-MI Report (Kawamura)

Hiroshi Kawamura (Science Support, IODP-MI) reported on activities at IODP-MI. He provided information about the IODP organizational structure, and gave an overview of the current Science Advisory Structure (SAS) meeting schedule. He then provided proposal submission statistics. For this SSEP meeting, IODP-MI received 26 proposals (roughly 6 microbiology, 8 solid Earth and 11 Earth history). As of November 2010, 114 proposals were active in the system. For the current SSEP meeting there would be 9 full proposals, 6 pre-proposals, 10 ancillary proposal letters (APL), as well as one CDP proposal. Following an extensive review of all proposal statistics, Kawamura explained the potential outcomes and recommendations for each proposal type for the current meeting. He informed us of the new call for workshop proposals with a deadline of 1 December 2010 and invited us to participate in the AGU Town Hall meeting, December 14, 2010

1.7. SAS Panel Reports

1.7.1. SSP Report (Site Survey Panel; David Mallinson)

David Mallison (explained the role of the SSP, and reported on the outcomes of its most recent 26-28 July 2010 meeting in Brest, France. Mallison provided updates on those proposals that the SSP panel evaluated during the meeting, i.e. 12 Full proposals and 5 APLs. No pre-proposals were reviewed.

1.7.2. USIO Report (United States Implementing Organization; Geldmacher)

Joerg Geldmacher (TAMU) reported on the *JOIDES Resolution* Expeditions and new schedule. He briefly reviewed the accomplishments of the Juan de Fuca hydrogeology and the Cascadia CORK installation; and on the improvements done to the JR during the Victoria tie-up period. Geldmacher also summarized highlights of the ongoing expedition to South Pacific Gyre. Sampling parties organized for the Wilkes expedition at the Victoria port call gave an opportunity to a team of external scientists to review the recent improvements made to the laboratories. New expeditions (e.g., Louisville Seamounts, Superfast, CRISP, Mid-Atlantic Microbiology, Cascadia CORK Installation and S. Alaska) are scheduled starting in December 2010. Further, Geldmacher provided an update on publications and outreach activities, including the participation of outreach specialists in the Juan de Fuca expedition, the School of Rock activity in the Cascadia Expedition, and many video-live interactions to and from the ship with schools and museums. He finished announcing past and upcoming post and pre-cruise meetings and ongoing improvements to laboratories and logging tools.

1.7.3. CDEX Report (Japan Implementing Organization; Kubo)

Yusuke Kubo (CDEX) provided an update on the current CDEX and *Chikyu* status. Activities of CDEX from July to December 2010 include drilling in NanTroSEIZE Plate Boundary Deep Riser 1 (Exp. 326); Okinawa Deep Hot Biosphere (Exp. 331); and the Riserless Observatory 2 (Exp. 332). Future expeditions include Subduction Inputs Coring 2 and Heat Flow (Exp. 333); Coalbed biosphere off Shimokita (Exp. 337) and NanTroSEIZE Plate Boundary Deep Riser-2 (Exp. 338). He also informed us of the Chikyu open-ship events at Okinawa and Kobe in October, 2010.

1.7.4. ESO Report (European Implementing Organization; Davis)

Sarah Davis reported on recent activities by the European Science Operator. She reviewed the accomplishments of Expedition 325 (Great Barrier Reef Environmental Changes; using the Greatship Maya Drill Floor). The onshore Science Party was conducted at the IODP Bremen Core Repository, 2-16 July, 2010. Davies reviewed the outreach activities, symposia, workshops and meetings (incl. EGU), including the successful ECORD- supported summer schools in Urbino (Italy), Canada and Bremen (Germany), and informed us of ongoing in-parallel scoping for the 2 highest ranked MSP: Proposal 548 Chixculub K-T Impact Crater and Proposal 716 Hawaiian Drowned Reefs.

2. Reviewing process

2.1 Introduction

The SSEP co-chair Torres reviewed the SSEP terms of reference, and explained the conflict of interest rules (COI) that had been circulated prior to the meeting. Torres reviewed the star grouping system, and reminded the panel that if an EDP and/or STP review was requested, a detailed justification will be added in the review.

2.2 Breakout Sessions

A total of 26 proposals were reviewed during this phase of the meeting. Panel members were divided into three breakout sessions for detailed discussions of the proposals: Breakout Group 1: *Solid Earth and Microbiology* (chaired by M. Torres), Breakout Group 2: *Solid Earth and*

Paleoenvironment and Microbiology (chaired by J. Backman); Breakout Group 3: *Paleoenvironment* (chaired by Y. Iryu)

2.3 Conflict of Interest

The conflict of interest rules and confidentiality requirements were respected during the entire review procedure (breakout sessions, general sessions, and grouping). The table below lists the conflicted SSEP members, liaisons and guests who left the room during the review of the relevant proposals.

2.4 Proposals to be reviewed

Proposal	Version	Short title	Lead proponent	Conflict of interest
595	Full4	Indus Fan and Murray Ridge	Clift	
696	Full3	Izu-Bonin-Mariana Deep Forearc Crust	Pearce	
698	Full3	Izu-Bonin-Mariana Arc Middle Crust	Tatsumi	
704	Full2	Sumatra Seismogenic Zone	Goldfinger	Torres
707	CDP3	Kanto Asperity Project: Overview	Kobayashi	Moore
747	Full	North Atlantic Paleogene Climate	Coxall	
753	Pre2	Beaufort Sea Paleoceanography	O'Regan	
758	Full2	Atlantis Massif Seafloor Processes	Früh-Green	
768	APL2	Gulf of Mexico Paleoclimatology	Flower	
769	APL2	Costa Rica Crustal Architecture	Tominaga	
770	Full2	Kanto Asperity Project: Observatories	Sato	Moore
772	APL2	North Atlantic Crustal Architecture	Tominaga	
773	Pre	Arctic Slope Stability	Winkelman	
774	APL	Costa Rica Subseafloor Microbial Mats	Wheat	
775	APL	West Pacific Warm Pool Paleoceanography	Rosenthal	
776	Full	Arabian Sea Paleoclimate	Pandey	Pandey
777	APL	Okinawa Trough Quaternary Paleoceanography	Lee	Lee, Ikehara, Iryu
778	Full	Tanzania Margin Paleoclimate Transect	Wade	
779	APL	Atlantis Massif Lithosphere Hydration	Blackman	

780	Pre	Rodriguez Triple Junction Microbiology	Kumagai	
781	Pre	Hikurangi subduction margin	Wallace	
782	Pre	Kanto Asperity Project: Plate Boundary Deformation	Yamamoto	Moore
783	APL	Indian Monsoon history	Hathorne	
784	Pre	Amundsen Sea Ice Sheet history	Gohl	
785	APL	Gulf of Mexico SCIMPI field trail	Moran	
786	APL	Alaskan Glacial and Ocean History	Mix	Jaeger

3.4 Watchdog assignements

	Version	Lead WD	WD #2	WD #3	WD #4	WD #5
774	APL	Wortmann	Takeuchi	Takano	Yamamoto, H.	
780	Pre	Takeuchi	Schulte	Takano	Jaeger	
781	Pre	Moore	Yamamoto	Su	Takano	Brumsack
785	APL	Wilson	Moore	Kinoshita	Takeuchi	
758	Full2	Schulte	Yamamoto	Hiroyuki	Takano	
773	Pre	Morishita	Schulte	Hornbach	Moore	
698	Full3	Ishiwatari	Erzinger	Anma	Maclennan	
696	Full3	Anma	Takeuchi	Hiroyuki	Carlut	
779	APL	Maclennan	Ishiwatari	Koepke	Carlut	
704	Full2	Kinoshita	Moore	Koepke	Michibayashi	
769	APL2	Kinoshita	Maclennan	Ishiwatari	Wilson	
772	APL2	Ishiwatari	Wortmann	Erzinger	Michibayashi	
770	Full2	Michibayashi	Maclennan	Ishiwatari	Morishita	
782	Pre	Anma	Erzinger	Kinoshita	Morishita	
707	CDP3	Michibayashi	Takeuchi	Carlut	Jaeger	
786	APL	Hodell	McHugh	Su	Erba	Brumsack
777	APL	Berne	Wortmann	Anderson	Gallagher	
595	Full4	Ikehara	Hodell	Anderson	Nishi	
747	Full	McHugh	Nishi	Anderson	Berne	
768	APL2	Jaeger	Gallagher	Hodell	Ikehara	
775	APL	Yamamoto, M.	Erba	Gallagher	Wortmann	
776	Full	Gallagher	Anderson	McHugh	Ikehara	
783	APL	Lee	McHugh	Pandey	Sato	

753	Pre2	Nishi	Lee	Pandey	Berne	
778	Full	Sato	Jaeger	Ikehara	Erba	
784	Pre	Su	Lee	Sato	Pandey	Brumsack

3. Joint Session, Proposal Dispositions

The course of action regarding each of the 26 SSEP proposals reviewed during the Portland meeting was achieved by consensus of the full panel. The specific dispositions for each proposal were as follows:

Proposal	Version	Short title	Lead proponent	Disposition
595	Full4	Indus Fan and Murray Ridge	Clift	Send to SPC (no star rating required)
696	Full3	Izu-Bonin-Mariana Deep Forearc Crust	Pearce	Send for External review
698	Full3	Izu-Bonin-Mariana Arc Middle Crust	Tatsumi	Send to SPC (no star rating required)
704	Full2	Sumatra Seismogenic Zone	Goldfinger	Resubmit as Full3
707	CDP3	Kanto Asperity Project: Overview	Kobayashi	Resubmit as CDP4
747	Full	North Atlantic Paleogene Climate	Coxall	Send for External review
753	Pre2	Beaufort Sea Paleoceanography	O'Regan	Submit Full
768	APL2	Gulf of Mexico Paleoclimatology	Flower	Deactivate
769	APL2	Costa Rica Crustal Architecture	Tominaga	Send to SPC
770	Full2	Kanto Asperity Project: Observatories	Sato	Send for External review
772	APL2	North Atlantic Crustal Architecture	Tominaga	Send to SPC
773	Pre	Arctic Slope Stability	Winkelman	Deactivate
774	APL	Costa Rica Subseafloor Microbial Mats	Wheat	Submit APL2
775	APL	West Pacific Warm Pool Paleoceanography	Rosenthal	Send to SPC
776	Full	Arabian Sea Paleoclimate	Pandey	Resubmit as Full2
777	APL	Okinawa Trough Quaternary Paleoceanography	Lee	Resubmit as APL2
778	Full	Tanzania Margin Paleoclimate Transect	Wade	Resubmit as Full2
779	APL	Atlantis Massif Lithosphere Hydration	Blackman	Send to SPC

780	Pre	Rodriguez Triple Junction Microbiology	Kumagai	Resubmit as Pre2
781	Pre	Hikurangi subduction margin	Wallace	Submit Full proposals and CDP
782	Pre	Kanto Asperity Project: Plate Boundary Deformation	Yamamoto	Submit Full proposal
783	APL	Indian Monsoon history	Hathorne	Send to SPC
784	Pre	Amundsen Sea Ice Sheet history	Gohl	Submit as Full, request DPG
785	APL	Gulf of Mexico SCIMPI field trail	Moran	Send to SPC
786	APL	Alaskan Glacial and Ocean History	Mix	Send to SPC
758	Full2	Atlantis Massif Seafloor Processes	Früh-Green	Send to SPC with 5 stars

The **summary dispositions** were as follows:

Submit revised APL: 2
Forward APL to SPC: 7
Deactivate APL: 1
Submit revised Pre: 1
Develop Full from Pre: 4
Deactivate Pre: 1
Submit revised full: 3
Forward Full to SPC: 3 (two with no star ranking, one with 5 stars)
Full for external review: 3
Revise CDP: 1

A qualitative grouping was assigned to those proposals forwarded to the SPC using the 5-star scale grouping. Grouping was obtained by consensus of the full panel, after evaluation against the individual grouping criteria.

4. Review of old and active proposals:

SSEP received a request from SPC to evaluate all proposals active in the system and provide an honest assessment of the timeliness and excitement of the science proposed The general ranking within the three tiers requested by SPC followed the general guidelines of identifying highly promising science and APLs that are scientifically promising and that will fit the shiptrack for FY12 and 13. The panel reviewed 40 proposals. From these we identified 7 Tier 1, 17 Tier 2 and 16 Tier 3. A short summary of the dispositions for each proposal was forwarded to IODP-MI.

5. Additional business

Two consensus statements were approved as follows,

SSEP Consensus 1011-03: The SSEP recommends that SPC consider forming a Detailed Planning Group that will be responsible for organizing and prioritizing existing proposals dealing with drilling the Antarctic realm, e.g., proposals 625-Full, 732-Full2, 751-Full, 784-Pre, and, likewise, to advocate development of and coordination with new drilling initiatives.

The mandate and scope suggested for this DPG are as follows:
Mandate: The DPG is charged to develop an optimal plan to advance the understanding of the role Antarctica plays for global climate and to coordinate, organize and prioritize a drilling plan. The DPG shall identify those existing proposals, which bear the greatest potential to increase our knowledge about the response of Antarctica to past and future climate change. It should also identify and consider technical issues of drilling in Antarctic waters.
Scope: The DPG should focus on existing proposals, e.g., 625-Full, 732-Full2, 751-Full, 784-Pre, and, if necessary, advocate development of new drilling initiatives.
Climate Modeling: The SSEP recognizes the importance of modeling within the scope of Antarctic drilling and charges the DPG with including input from climate and ice-sheet modelers. The DPG should take modeling results into consideration for their site prioritization and evaluate how predicted drilling results will bear on predictions that arise from modeling.
Education and Outreach: The DPG should include and identify outreach and education possibilities and make recommendations as to their feasibility and implementation. It should include specific statements as to the extremely high societal relevance of the project.

SSEP Consensus 1011- 04: SSEP notes the importance of history and continuity in evaluating drilling proposals. As the terms of reference for the new program get developed, we strongly recommend that the new proposal cover sheet includes a check box for new proposals whose main objectives have been the topic of previously submitted proposals, the previous proposal number (s) and a letter detailing how the new submission differs and improves from previous ones.

6. Conclusion
Co-chairs Iryu and Backman thanked Torres for hosting the meeting and Julie Farver for her assistance with meeting logistics. The cochairs jointly thanked all of the panel members for their dedication and hard work. Watchdogs submitted drafts of proposal reviews to the IODP-MI science coordinators before the meeting ended.

#15 SSEP 8-11 2010, Portland, Oregon, USA
Last update: 10 Nov 2010

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15th Meeting of the Science Steering and Evaluation Panel

Portland OR, USA
November 9-12, 2010
Draft agenda v.10.1

Monday, November 8, 2010 (Optional)
09:00 to 17:30 Field trip TBD

Tuesday, November 9, 0830 to 1730
Joint Session, Reports
- Introduction of attendees to SSEP (Torres)
- Opening Remarks by Host (Torres)
- Approval of the agenda (Torres)
- Approval of minutes from Kochi, Japan, May, 2010 (Torres)
- IODP-MI report (Yamamoto)
- SSP report
- USIO report
- CDEX report
- ESO report

----- Lunch break ----
Joint Session, Meeting overview
- Reviewing process and breakout sessions (Torres) ***Breakout sessions- see tables with the break out groups at the end of this document***
- Proposal review

Wednesday, November 10, 0830 to 1730
Breakout sessions
- Proposal review cont.

Joint SSEP session
- Proposal Review
- SPC report (Filippelli)
-Review process of active proposals at SSEP for recommendation to SPC

Thursday, November 11, 2010, 0830 to 1730
0800-1600 Breakout sessions- see tables with the break out groups at the end of this document
- Proposal review cont.

1600-1730 Joint SSEP session
- Proposal Review

Friday November 12, 2010, 0830 to 1730
Joint SSEP session
- Proposal Review
- Discussions and recommendations to SPC
- Conclusions

1011SSEP_Revised&New Breakout Session 1_ Lead TORRES												
Revised proposal	**Proposal_Number**	**Latest_Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**Proposal_ISP**	**Proposal_Initiative**	**Lead WD**	**WD2**	**WD3**	**WD4**	**COI**
13	774	APL	Costa Rica Subseafloor Microbial Mats	Wheat	USA	1	1.1	Wortmann	Takeuchi	Takano	Hiroyuki	
19	780	Pre	Rodriguez Triple Junction Microbiology	Kumagai	Japan	1+3	1.1+3.0	**Takeuchi**	Schulte	**Takano**	Jaeger	
20	781	Pre	Hikurangi subduction margin	Wallace	ANZIC: New Zealand	1+3	3.4	Moore	Yamamoto	Su/Brumsack	Takano	
24	785	APL	Gulf of Mexico SCIMPI field trail	Moran	USA	1	1.2	Wilson	Moore	Kinoshita	Takeuchi	
26	758	Full2	Atlantis Massif Seafloor Processes	Früh-Green	ECORD: Switzerland	1+2+3	1.1+2.0+3.0	Schulte	Yamamoto	Hiroyuki	**Takano**	
12	773	Pre	Arctic Slope Stability	Winkelmannmann	ECORD: Germany	1+2	1.2+2.0	Morishita	Schulte	Hornbach	Moore	
18	779	APL	Atlantis Massif Lithosphere Hydration	Blackman	USA	3	3	Maclennan	Ishiwatari	Koepke	Carlut	
2	696	Full3	Izu-Bonin-Mariana Deep Forearc Crust	Pearce	ECORD: UK	3	3.3+1.1	**Anma**	**Takeuchi**	Hiroyuki	Carlut	
3	698	Full3	Izu-Bonin-Mariana Arc Middle Crust	Tatsumi	Japan	3	3.3	Ishiwatari	Erzinger	Anma	Maclennan	
	2											
	0											
	7											

1011SSEP_Revised&New Breakout Session 2 Lead BACKMAN												
Revised proposal	**Proposal_Number**	**Latest_Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**Proposal_ISP**	**Proposal_Initiative**	**Lead WD**	**WD2**	**WD3**	**WD4**	**COI**
4	704	Full2	Sumatra Seismogenic Zone	Goldfinger	USA	3	3.4	Kinoshita	Moore	Koepke	Michibayashi	Torres
9	769	APL2	Costa Rica Crustal Architecture	Tominaga	USA	3	3.3	Kinoshita	Maclennan	Ishiwatari	Wilson	
11	772	APL2	North Atlantic Crustal Architecture	Tominaga	USA	3	3.3	Ishiwatari	Wortmann	Erzinger	Michibayashi	
10	770	Full2	Kanto Asperity Project: Observatories	Sato	Japan	3	3.4	Michibayashi	Maclennan	Ishiwatari	Morishita	Moore
21	782	Pre	Kanto Asperity Project: Plate Boundary Deformation	Yamamoto	Japan	3	3.4	Anma	Erzinger	Kinoshita	Morishita	Moore
5	707	CDP3	Kanto Asperity Project: Overview	Kobayashi	Japan	3	3.4	Michibayashi	Takeuchi	Carlut	Jaeger	Moore
25	786	APL	Alaskan Glacial and Ocean History	Mix	USA	2	2.2	Hodell	McHugh	Su/Brumsack	Erba	Jaeger
16	777	APL	Okinawa Trough Quaternary Paleoceanography	Lee	IAC	2	2.2	Berne	Wortmann	Anderson	Gallagher	Lee, Ikehara, Iryu
	2											
	0											
	6											

1011SSEP_Revised&New Breakout Session 3 Lead IRYU												
Revised proposal	**Proposal_Number**	**Latest_Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**Proposal_ISP**	**Proposal_Initiative**	**Lead WD**	**WD2**	**WD3**	**WD4**	**COI**
1	595	Full4	Indus Fan and Murray Ridge	Clift	ECORD: UK	2	2.2	Ikehara	Hodell	Anderson	Nishi	
6	747	Full	North Atlantic Paleogene Climate	Coxall	ECORD: UK	2	2.1+2.2	McHugh	Nishi	Anderson	Berne	
8	768	APL2	Gulf of Mexico Paleoclimatology	Flower	USA	2	2.2	Jaeger	Gallagher	Hodell	Ikehara	
14	775	APL	West Pacific Warm Pool Paleocenography	Rosenthal	USA	2	2.2	Yamamoto	Erba	Gallagher	Wortmann	
15	776	Full	Arabian Sea Paleoclimate	Pandey	India	2+3	2.1+3.2	Gallagher	Anderson	McHugh	Ikehara	Pandey
22	783	APL	Indian Monsoon history	Hathorne	ECORD: Germany	2	2.2	Lee	McHugh	Pandey	Sato	
7	753	Pre2	Beaufort Sea Paleoceanography	O'Regan	ECORD: UK	2	2.2	Nishi	Lee	Pandey	Berne	
17	778	Full	Tanzania Margin Paleoclimate Transect	Wade	ECORD: UK	2	2.1	Sato	Jaeger	Ikehara	Erba	
23	784	Pre	Amundsen Sea Ice Sheet history	Gohl	ECORD: Germany	2	2.2	Su/Brumsack	Lee	Sato	Pandey	
	0											
	9											
	0											

1011SSEP_Old&Active Breakout session 1 Lead TORRES								
Proposal	**Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**ISP**	**Initiative**	watchdogs	COI
640	Full	Godzilla Mullion	Ohara	Japan	3	3.0	**Carlut** Koepke	Michibayashi
692	Full	Flemish Cap Rifted Margin	Hopper	USA	3	3.1	**Koepke** Anma	
754	Full2	Norwegian Sea Silica Diagenesis	Davies	ECORD: UK	3	3.1	Koepke **Yamamoto**	Davies
766	APL	Essaouira Seamount Hotspot	Geldmacher	USA	3	3.0	**Morishita** Maclennan	Geldmacher, Petronis
685	Full	Ligurian Margin Borehole Observatory	Henry	ECORD: France	1+3	1.0+3.0	Erzinger **Kinoshita**	
701	Pre2	Great Australian Bight Deep Biosphere	Wortmann	ECORD: Canada	1	1.1	**Schulte** Hiroyuki	Wortmann, Wilson
715	Full	Mediterranean Landslides	Camerlenghi	ECORD: Spain	1+3	1.2	Schulte **Yamamoto**	
743	Full	Gulf of Mexico Hydrate Dynamics	Knapp	USA	1	1.2	Wilson **Wortmann**	
749	Pre	Gulf of California Rifting & Microbiology	Teske	USA	3+1	3.1+1.1	Ikehara **Takano**	
759	Pre	EPR Fast-Spread Crust	Haymon	USA	1+3	1.1+3.0	**Michibayashi** Hornbach	Wilson
761	Pre	South Atlantic Bight Hydrogeology	Wilson	USA	1+2	1.0+2.0	**Hiroyuki** Hornbach	Wilson
764	Pre	TAG II Hydrothermal System	Rona	USA	1	1.1	Wilson **Koepke**	
635	Full3	Hydrate Ridge Observatory	Ussler	USA	1	1.1+1.2	Berne **Takeuchi**	Torres
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1011SSEP_Old&Active Breakout session 2 Lead IRYU								
Proposal	**Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**ISP**	**Initiative**	watchdogs	COI
680	Full	Bering Strait Climate Change	Fowell	USA	2	2.0	**Gallagher** Yamamoto Scher	
683	Full	East Asia Topography and Monsoon	Wang	China	2	2.2	Erba **Jaeger**	
702	Full	Southern African Climates	Zahn	ECORD: Spain	2	2.2+3.2	Berne **Anderson**	
730	Pre2	Sabine Bank Sea Level	Taylor	USA	2	2.2	**Moore** Wortmann	Hornbach
751	Full	West Antarctic Ice Sheet Climate	Bart	USA	2	2.0	Sato **Hodell**	
756	Pre	Arctic Ocean Exit Gateway	Jakobsson	ECORD: Sweden	2+3	2.1+3.1	**Sato** Nishi	Backman
710	Pre2	Gulf of Corinth Rift	McNeill	ECORD: UK	3+2	3.1+2.0	Anma **Erzinger**	
718	Pre	Pacific Plate Petit Spot Volcanism	Hirano	Japan	3	3.0	**Carlut** Maclennan	Ishiwatari
725	Full2	NE Atlantic Volcanic Rifted Margin	Huismans	ECORD: Norway	3	3.1	**Anma** Gallagher	
727	APL	Afar Mantle Plume Dispersion	Orihashi	Japan	3	3.0	**Maclennan** Jaeger	
729	Pre	Western Lord Howe Rise Extension	Lister	ANZIC: Australia	3	3.1	Morishita **Nishi**	
731	Pre	Papua New Guinea Orogenic Lifecycle	Goodliffe	USA	3	3.1	Nishi **Morishita**	
735	Full	South China Sea Tectonic Evolution	Li	China	3	3.1	**Hornbach** Kinoshita	
740	Full	Galicia Margin Rift History	Reston	ECORD: UK	3	3.1	Carlut **Ikehara**	
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1011SSEP_Old&Active Breakout session 3 Lead BACKMAN								
Proposal	**Version**	**Short_Title**	**Lead_Proponent**	**Country_Lead_P**	**ISP**	**Initiative**	watchdogs	COI
615	Full2	NW Pacific Coral Reefs	Matsuda	Japan	2	2.2	Hodell **Berne** Scher	Iryu
623	Full4	Ontong Java Plateau	Neal	USA	3	3.2+2.1	**Erzinger** Pandey Scher	
625	Full	Pleistocene Pacific Southern Ocean	Gersonde	ECORD: Germany	2	2.2	**Erba** Lee	
645	Full3	North Atlantic Gateway	Jokat	ECORD: Germany	2	2.1+2.2	**Erba** Takano	
656	Full4	Belize Margin Paleoclimate and Tectonics	Droxler	USA	2	2.2	**McHugh** Pandey Scher	
658	Full2	North Atlantic Volcanism and Paleoclimate	Planke	ECORD: Norway	2	2.1+3.2	**Wilson** Schulte	
667	Full	NW Australian Shelf Eustasy	Fulthorpe	USA	2	2.2	McHugh **Anderson**	
708	Pre2	Central Arctic Paleoceanography	Stein	ECORD: Germany	2	2.1+2.2	**Lee** Sato	
737	Full2	North Sea Cenozoic Climate Change	Donders	ECORD:Netherlands	2	2.2	**Su** Hodell	
746	Pre	Arctic Mesozoic Climate	Jokat	ECORD: Germany	2+3	2.1+3.2	**Hiroyuki** Pandey	
750	Pre	Beringia Sea Level History	Polyak	USA	2	2.0	**Wilson** Moore Scher	Yamamoto
760	Pre	SW Australia Margin Cretaceous Climate	Gröcke	ECORD: UK	2	2.1	**Takano** Su	
771	Full	Iberian Margin Paleoclimate 2	Hodell	USA	2	2.2	**Su** Lee Scher	Hodell
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