

JOIDES Ocean History Panel Meeting - Spring 1994

Date: 29-31 March 1994

Place: Amherst, Massachusetts

Chair: Margaret Delaney

Host: R. Mark Leckie

1. Attendees:

Panel Members

Jan Backman
Gregg Blake
Robert Carter
Bradford Clement
Peggy Delaney
Rainer Gersonde
David Hodell
Anne-Marie Karpoff
Mark Leckie
Theodore Moore
Warren Prell
Kozo Takahashi
Philip Weaver
James Zachos

Liaisons and Guests

Alan Mix (PCOM)
Paul Baker (SGPP; day 1)
Brian Huber (IHP)
John Firth (TAMU-ODP)
Peter deMenocal (BRG; day 3)

Absent

Tim Herbert,
Maureen Raymo

John Tarduno (LITHP liaison)

2. OHP recommendations to PCOM

OHP Recommendation 1.

In response to ODP/TAMU's proposal revising the APC coring policy, OHP recommends to PCOM that the policy should read:

At the discretion of the co-chief scientists for a given leg, an additional APC hole of 3 to 4 cores (from the mudline) should be drilled at every appropriate site.

OHP Recommendation 2.

OHP recommends that PCOM consider a longer term of panel service (perhaps 4 years rather than 3 years), given the time between the first submission of a proposal and its appearance on the drilling schedule under optimum conditions and the effect on "corporate memory" of the current system. We recognize that implementing such a change might pose difficulties for some non-U.S. member nations.

OHP Recommendation 3.

OHP recommends to PCOM that the Shallow Water Drilling Working Group Report be rapidly disseminated to the community via publication in the JOIDES Journal, distribution to proponents and panel members, and other appropriate avenues.

OHP Recommendation 4.

OHP recommends to PCOM that a joint meeting of the panel members with sea level interests on OHP (Blake, Carter, and Moore) and SGPP (Hiscott, Garrison, Sarg, Surlyk, Underwood) be arranged prior to or in conjunction with the fall panel meetings to discuss the coordination of sea level efforts in the program and other aspects of mutual concern about sea level (such as the role of alternate platforms in future drilling efforts). This one-day meeting should be scheduled by mutual consent of the individuals involved; Delaney would be willing to host this at UC Santa Cruz, if this is most convenient.

3. Global ranking

Rank	Number	Short title	Fraction of possible points (0-1)
1 *		Caribbean Workshop OHP leg	0.83
2 **		California Margin	0.82
3/4 ***		NJ MAT II	0.75
3/4	430	Sub-SAT	0.75
5	441	Southwest Pacific Gateway (OHP focus--one leg)	0.69
6	354-Rev2	Benguela Current and Angola/Namibia	0.67
7	404	Neogene paleoc., W. N. Atlantic	0.60
8	427/427-Add	South Florida margin sea level	0.36
9	367-Rev+	GAB cool water carbonates	0.33
10	449	Mesozoic Weddell Basin	0.30
11	079-Rev2	Mesozoic Somali Basin	0.26
12 ****		Bahamas Transect plus K/T Seaway	0.25
13	444	Joban Margin sea level	0.23
14	253-Rev/253-Add	Organic-carbon-rich strata, ancestral Pacific	0.21

Footnotes giving numbers or additional explanation:

- * based on 1-leg package constructed from 415-Rev/415-Add/434/415-Add2, 408-Rev/408-Add/408-Add2, 384-Rev3 at the Caribbean Drilling Workshop
- ** 386-Rev2/422-Rev/386-Add/386-Add2
- *** 348/348-Add/Letter
- + combined with LOI 16, McGowran
- **** 412/412-Add/412-Add2 packaged with LOI26, Evolution of K/T Seaway, sites

OF THEMATIC INTEREST AND DISCUSSED FOR RANKING, BUT NOT RANKED IN TOP 14:

347-Rev South equatorial Atlantic
436 Campeche Bank stratigraphy

FLAGGED AS OF INTEREST, POTENTIALLY RANKING HIGH IN THE FUTURE, BASED ON PROPOSALS ARRIVING:

LOI18 South East Pacific Depth Transects - Bering Sea
LOI22 Laurentide Ice Sheet

4. Proposal reviews

330-Add4 Mediterranean Ridge accretionary complex (Phase I)

A5

354-Rev2 Benguela Current and Angola/Namibia upwelling

A1, B1.1, B2.1, C1, D1, E1, F2

355-Rev3 Formation of a gas hydrate

A5

367-Rev Great Australian Bight cool-water carbonates

A1, B1.2, B2.1, C1, D1, E8, F2

380-Rev4 Clastic apron, Gran Canaria, and Madeira Abyssal Plain

Scheduled leg in prospectus stage; no review necessary

384-Rev3 Pacific-Atlantic connection...

Based on Caribbean Workshop OHP leg,

A1, B1.1, B2.1, C1, D1, E8, F2

386-Add2 California margin drilling

A1, B1.1, B2.1, C1, D1, E6, F1

400-Add2 Mass balance of Costa Rica accretionary wedge

A5

408-Add2 Caribbean Neogene transects

Based on Caribbean Workshop OHP leg,

A1, B1.1, B2.1, C1, D1, E8, F2

415-Add2 Caribbean Ocean History...

Based on Caribbean Workshop OHP leg,

A1, B1.1, B2.1, C1, D1, E8, F2

421-Rev Alkali-acidic rocks of the Volcano Trench

A5

431-Add Western Pacific Seismic Network

A5

435-Rev Crustal fluxes: Nicaragua Margin

A5

435-Rev2 Crustal fluxes: Mariana-Izu

A5

436 Campeche Bank stratigraphy

A1, B1.2, B2.1, C3, D5, E8, F3

437 Lau-Havre-Taupo rift to drift

A5

438 Test of reflecting interfaces

A5

439 Marquesa Islands...

A5

440 Hydrothermal circulation....

A5

441 Southwest Pacific Gateway I and II

A1, B1.2, B2.1, C1, D1, E8, F2

442 Rift initiation...

A5

443 Faults, crustal heterogeneity...

A5

444 Joban margin sea level

A1, B1.1, B2.1, C2, D1, E8, F2

445 Nankai Trough

A5

446 Tonga forearc

A5

447 Western Woodlark Basin

A5

448 History of the OIP

A5

449 Evolution of the Mesozoic Weddell Basin

A1, B1.2, B2.1, C2, D1, E6, F2

450 Taiwan arc-continent collision

A5

451 Tonga Ridge Island Arc Transect

A5

452 Antarctic glacial history and causes of sea level change

A3, B1.3, B2.2, C4, D1, E8, F3

453 Bransfield Strait, Antarctica

A3, B1.3, B2.1, C2, D1, E8, F3

Narm-Add3 OCT west of Iberia

A5

5. Future meeting dates

Fall 1994: 27-29 September 1994

James Cook University, Townsville, Australia

Robert Carter, host

Spring 1995: 2-4 March 1995

Florida International University, Miami, Florida

Bradford Clement, host

6. Liaisons for 1994

Liaison to SGPP to be named

7. Membership activity

Margaret Delaney, panel chair, will be rotating off at end of calendar year 1994

Nominations for 1995 chair:

1. Tim Herbert, SIO (to be moving to Brown University in 1995)
2. Tom Loutit, Australian Geological Survey
3. Ted Moore, University of Michigan

Non-U.S. membership activity.

Philip Weaver to be replaced by Alan Kemp

8. Liaison reports at meeting

PCOM report given by Alan Mix

TAMU-ODP report given by John Firth

SGPP report given by Paul Baker

IHP report given by Brian Huber

BRG report given by Peter deMenocal

9. Other reports

Leg 154, Ceara Rise drilling, given by Jim Zachos

Kyoto Workshop Report given by Warren Prell

Caribbean Workshop Report given by Mark Leckie