

OHP
Meeting, Spring 1995

Attendees

OHP Members
Gregg Blake
Robert Carter
Brad Clement
Tom Crowley
Rainer Gersonde
David Hodell
Anne Marie Karpoff
Alan Kemp
Mark Leckie
Tom Loutit
Brian Popp
Warren Prell
Kozo Takahashi

Liaisons

Brian Huber (IHP)
Alan Mix (PCOM)
John Tarduno (LITHP)

Guests

Larry Peterson (SSP)
Dave Falvey (JOI)
Jim Natland (PCOM)
Kathy Ellins (arrived 2/3/95)

Absent

Ted Moore
Jan Backman
John Firth
Delia Oppo
Christina Ravelo

• Welcome and introductions

Brad Clement discussed logistics for the meeting.

• Absent with apologies

1. Jan Backman
2. Delia Oppo
3. Christina Ravelo
4. John Firth

• New member introduction

1. Tom Crowley
2. Allan Kemp - first meeting
3. Tom Loutit
4. Brian Popp

Main aim of the spring meeting is to complete global ranking of active proposals
Loutit mentioned that active means some activity in the past 3 years. Most people got a light reading load for this meeting because of the late arrival of the proposals in Canberra with insufficient time to distribute before panel members left to travel to meeting in Miami.

Action: TSL to provide copies of all proposals to all panel members.

• Matters arising from prior minutes

Panel recommendations to PCOM fall 1994

1. NAAG II
No discussion by PCOM.
2. Budget prioritisation.

PANCH used OHP recommendation to help provide guidance for PCOM budget prioritisation discussion.

3. SSP liaison to OHP

No SSP liaison to OHP but Larry Petersen will attend Spring 1995 meeting. OHP agreed to hold meeting as early as possible each year (prior to March 7) to ensure SSP receives proposal reviews and minutes early enough to consider in their spring meeting for the PCOM meeting in April. Also agree to push watchdogs to deal directly with SSP committee members. Larry Petersen also agreed to informally liaise where possible.

• **Reports from Liaisons**

JOI - Dave Falvey

1. Long Range Plan
Stressed the significance of the LRP to ODP. Mentioned the importance of illustrating changes to management of ODP. Falvey and Briden to develop management plan document as part of LRP.
2. ODP Membership
Trying to add more members to ease budget constraints. Looking into partial memberships.
3. Budget
NSF budget will be flat for next few years and increasing operational costs are squeezing money available for

PCOM -Alan Mix

1. Drilling Schedule FY 96
 - i). Leg 163 East Greenland
 - ii). Leg 164 Gas Hydrates
 - iii) Leg 165 Bahamas
 - iv) Leg 166 Caribbean Ocean History
 - v) Leg 167 California Margin
 - vi) Leg 168 Sedimented Ridges II
 - vii) Leg 169 Juan de Fuca
 - viii) Leg 170 Costa Rica
 - ix) *NOTE* : Flexibility is retained for ODP-TAMU to interchange Caribbean and Bahamas drilling as Legs 165 and 166 to minimise potential current and weather problems in the Florida Strait.
2. Prioritisation of Budget Reductions - not all accepted by EXCOM
 - i) Publications cut
 - Publications cut 33%
 - ii) Technical support at sea by one staff member
 - Savings made by TAMU may have averted this. Gersonde asked if shipboard scientists could bring their "own technicians".
 - iii) Engineering Development
 - DCS development suspended 1996
 - Other developments also suspended
 - iv) Special Experiments like LWD, VSP etc
 - v) Special Operating Experiments like corks, guidebases cut from 4% to 3%
3. Project-based management may offer some savings

4. Computer Data Base Management System
Contract with TRACOR signed. Terry Hagelberg appointed chair of new oversight committee. Loutit reminded OHP members to maintain contacts with this committee and to be involved with user groups so that the product produced is what the users in the community need.

5. Guidelines for Spring Global Ranking
- vote for the best science
 - use the White Paper as a guide
 - don't guess where ship is going to go, let science drive the ship
 - size of leg is not crucial
 - maturity of proposal is secondary to science
 - vote fairly, exclude proponents, use secret ballots

6. Long Range Plan
Reminded OHP of the reason for the LRP. These include need for renewal of program in US and member countries, adjust to the realities of flat budgets and to provide a plan for the growth into a multi-platform drilling program. Posed a number of questions for OHP members to consider prior to preparing any input that they might have for the LRP writing group meeting in Cardiff March 5-7.

Panel members were overall pleased with the progress relative to OHP objectives but believed that overall a number of changes need to be made. Debate centered on demonstrating societal relevance. Suggested that the LRP should be built around ODP's role in Earth System Science. Also suggested that we shouldn't oversell ability to answer major questions but should demonstrate the role of Deep Earth Sampling to solving parts of the key questions facing society today. Also need to add more hypothesis testing.

An OHP sub-group (Crowley, Prell, Moore, Leckie, Gersonde) as commissioned to coordinate a response from OHP to the LRP writing group. Response completed March 4 and emailed to Alan Mix at JOIDES office March 4.

7. Co-chief nomination process

- i) PCOM to make recommendations on process
OHP took the opportunity to discuss the issue relating to the Caribbean Leg Co-Chief nomination process after Dave Falvey had raised the issue. OHP recognised the need for an open and transparent process. OHP discussed possible amendments to the current process included creating 3 categories of candidates for co-chief but noted that about 40 people had been involved in the nomination process and that the final decision is the hands of TAMU.

OHP also noted that ODP must stress that co-chief position may not go to best scientist as the position requires ability to lead and manage people in high pressure situations. The three categories would include

- site
- all proponents and associated scientists involved in proposal writing or survey,
 - all other appropriate candidates, and
 - appropriate candidates from thematic panels.

Thematic panels would provide prioritised list from all 3 categories for PCOM to consider.

ODP/TAMU - John Firth - no report

JOIDES office - Kathy Ellins

1. proposal news - new proposal guidelines/revised site designation
Site designation method discussed. Discussed new proposal guidelines including the recommendation to not accept color figures or large format diagrams. OHP recognised the financial burden on the JOIDES office but suggested that in many cases color and large format figures were essential for evaluating the science. Also suggested that if proponents have to use color they should supply a set of copies to the JOIDES office and another set to each panel chair for distribution to watchdogs.
2. Revision of LRP
Most of the comments had been discussed during the briefing by Falvey.
3. Co-chief selection
Comments were made during PCOM liaison report by Mix.
4. JOIDES - Euro-meeting Feb 16/95
Discussed a recent meeting at the JOIDES office with Jean Boissard on MAST activities. Possibility of collaborative studies with MAST funding was discussed.
5. CORSAIRS project
Project to undertake drilling in the European sector was discussed. Apparently about 20 proposals have been submitted and it is estimated that there may be about 2 legs worth of science over the next few years.

Reports from other panels

1. SGPP - Paul Baker - no report
2. IHP Brian Huber - written report attached
Initial Results changes would commence with Leg 164. Scientific Results changes would commence with Leg 161.
3. LithP - John Tarduno
 - i) Long Range Plan
 - Briefly reviewed LITHP's discussion of LRP.
 - ii) LITHP Spring Ranking
 - 735B
 - Caribbean Basalt
 - Ontong Java
 - Kerguelan
 - Antarctic Discordance
 - Izu/Mariana
 - Tonga Forearc
 - Evolution of Crust
 - Nicaraguan Mass Balance
 - Marian Rift
 - Vema Offset

- Deep Reflectors
- Red Sea
- West Pacific Seismic
- 15-20N
- Japan Trench Obs.
- Carbonate Caps
- Woodlark Rift
- Deep 504
- Iberia
- Shatsky
- Bransfield
- Australian Lower Plate

- iii) Caribbean Drilling
- Discussed rejection of highly ranked Caribbean Basalt proposal by PCOM. Attributed to late communication between LITHP and PCOM. LITHP have written recommendations to PCOM to avoid this situation in the future.

4. SSP - Larry Peterson
Stressed the need for proposal reviews, rankings and minutes to be provided to SSP as early as possible after OHP meeting.

• **Review new proposals and letters of intent**

1. New drilling site designation system discussed with panel
2. Procedures for reviewing proposals were presented to OHP members by Loutit
- i) proponents excluded during discussion of their proposals
 - ii) proposals are the documents from which the drilling program is constructed
 - iii) proposal watchdogs are encouraged to contact proponents at all stages of the process
 - iv) proposals are evaluated according to their scientific interest, maturity and consistency with the White Paper, COSOD and LRP themes.
 - v) written reviews reflect the collective opinion of the panel as summarised by the assigned watchdogs
 - vi) completeness of Site Survey Information is essential to maturity of the proposal
 - vii) site survey information must be forwarded to the Site Survey Data Bank
 - viii) when drill ready the proposals are candidates for the drilling prospectus and can be considered by PCOM for drilling
3. New proposal reviewing forms illustrated and incorporated
4. New proposals ratings spring 1995

Thematically Relevant

- i) 354-Add4 Benguela Current
Rating: A1, B1.1, B2.1, C1, D1, F1
Comments: Mature proposal

- ii) 367-Rev2 Cenozoic Carbonates in the GAB
Rating: A1, B1.1, B2.1, C1, D1, E8, F2
Comments: Mature in terms of objectives. Drilling time estimates need to be estimated. Site survey in good shape. DCS apparently not required to complete objectives. Need to look into the operational availability of the MDCB.
- iii) 404-Rev Late Neogene paleoceanography
Rating: A1, B1.1, B2.1, C1, D1, E8, F2
Comment: Previously highly ranked by OHP. Two new sites on the Carolina Slope added to the proposal. Site survey results to be gathered this summer including long piston cores. Need to prioritise sites, complete site survey and check penetration depths since there are deeper targets that could be gained.
- iv) 441-Add1 South West Pacific Gateway
Rating: A1, B1.2/B1.3, B2.1, C1, D1, E8, F2
Comments: High thematic interest. Drilling estimates needed.
- v) 452-Rev Antarctic Glacial History and SL change
Rating : A1, B1.2, B2.1, C2/C3, D1/D4, E2/E4, F2
Comments: Concerned with core recovery, needs drilling time estimation. The panel is concerned that more hemipelagic sites are required since the core recovery in the shelf sediments may be poor. Decided to look at all of the LOI's and southern ocean proposals as part of a complete package. With budget constraints during the next few years it is unlikely that the more than 1 or 2 legs can be drilled near the Antarctic. The panel suggested that Moore, Prell and Crowley get together to oversee proposal development for the Southern Ocean. A letter was drafted to send to the proponents of 452 and 4 LOI's. The significance of the history of the West Antarctic ice Sheet is a topic that should be the focus of drilling in the Southern ocean. It will not be possible to set up a Detailed Planning Group in the area and the proponents, particularly the ANTOSTRAT are encouraged to prioritise their objectives and review the large amount of core data available around the Antarctic margin. Possibility of MAST funding for Antarctic work should be looked at by the ANTOSTRAT group.
- vi) 462 Blake Plateau and Blake Nose
Rating : A1, B1.1, B2.1, C1, D1, E8, F1
Comments: High thematic relevance.
- vii) 464 Southern Ocean Paleoceanography
Rating: A1, B1.1, B2.1, C1, D1, E8, F1
Comments: Needs existing site survey dated to be submitted. Could perhaps do a better job of formulaitng hypotheses and proposing tests.
- viii) 465 SE Pacific Paleoceanography
Rating: A1, B1.1, B2.1, C1, D1, E8, F1
Comments: High thematic relevance. Needs seismic data to locate sites.

Thematically relevant not high priority

- i) 457-Rev Kerguelan/Broken Ridge
Rating: A3, B1.1, B2.1, C1, D1, E8, F3
Comments: Mainly of interest to LITHP but OHP objectives discussed. Need calculate drilling time estimates and add OHP objectives to site summary forms.
- ii) 467 Sea level changes in the western Med
Rating: A3, B1.2, B2.1, C1, D1, E3/E6/E8, F3
Comments: Thematically relevant but does not target the same interval as the New Jersey margin and therefore can not be used to test the synchronicity of sequences. However, the proposal looks good for measuring the stratigraphic response to known sea level changes in a siliciclastic margin with a more complex tectonic history.
- iii) 468 Carbonate platforms at the Romanche FZ
Rating: A3, B1.3, B2.1, C2/C3, D4, E8, F4
Comments: OHP objectives not developed and the age of the succession unknown.

is

Thematically not relevant

- i) 300-Rev-Add Return to Site 735
Rating: A5
- ii) 355 -Rev5 Peruvian Margin Gas Hydrates
Rating: A5
Comments: Thematically not relevant. History of the subsidence of the margin and the movement of the region of upwelling.
- iii) 431-Add2 Western Pacific Seismic Network
Rating: A5
- iv) 435-Add2 The Mariana-Izu Margins-Crustal Fluxes
Rating: A5
- v) 440-Add2 Cork Deployments Juan de Fuca
Rating: A5
- vi) 442-Rev Northern Mariana Trough
Rating: A5
- vii) 445-Rev Nankai Trough Accretionary Prism
Rating: A5
- vii) 447-Rev Western Woodlark Basin
Rating: A5
- viii) 448-Add Basement drilling Ontong Java
Rating: A5
- ix) 451-Rev2 Drilling in the Tonga Forearc
Rating: A5
- xi) 461-Add Iberia NARM
Rating: A5
- xii) 463 Shatsky Rise/ outgrowth of 253
Rating: A5
- xiii) 466 GAB - Continental margin
Rating: A5
- xiv) 469 Argo Abyssal Plain
Rating: A5
- xv) 470 Red Sea/Atlantis II
Rating: A5

xvi). 471 Taiwan Arc Collision
Rating: A5

Not reviewed

- i) 348-Add3 not to be ranked - JOI-USSAC funding issue
- ii) 412-Add4 Bahamas Transect - for information only
- iii) 415-Add3 - for information only

Letters Of Intent

LOI 40

Considerable OHP interest pertaining to the evolution of the Indo-Pacific Gateway. Needs a paleoceanographic proponent to push OHP objectives and ensure that pelagic targets are feasible.

LOI 42 Scott Plateau

Important thematic problem that probably needs a transect approach to ensure that information on the Indo-Pacific Gateway is enhanced.

LOI 45

No thematic interest to OHP.

LOI 47

Similar to proposal 470. Has mentioned OHP objectives but not clear that how important these are to the proponents.

LOI India 85 E Ridge

Late LOI that may be of relevance if developed further. Not clear from the letter what the objectives were but a number of topics mentioned are of interest to OHP.

- **Summarised new proposals ratings to look for inconsistencies**
- **Reviewed Active Proposals List to ensure continuity of watchdogs and to define proposals to be considered in rankings**
- **Reviewed Previous Rankings - Spring and Fall**
- **Selected Proposals for Ranking - 14 selected**
- **Presented all proposals to members prior to ranking**
- **Global ranking**

Procedure for OHP

- Proponents can not vote for their proposal
- Balloting done secretly
- Each panel member ranks proposals from 13 to 0
- Scores tallied and normalised

Spring Ranking

| | | |
|-----|---|-----|
| 1. | 354-Add4 Benguela Current | .87 |
| 2. | 441 South West Pacific Gateway | .79 |
| 3. | 464 Southern Ocean Paleooceanography | .78 |
| 4. | 404-rev2 Late Neogene paleooceanography | .74 |
| 5. | 462 Blake Plateau and Blake Nose | .63 |
| 6. | 465 SE Pacific Paleooceanography | .63 |
| 7. | 348 New Jersey Margin | .55 |
| 8. | 367-rev2 Cenozoic Carbonates in the GAB | .53 |
| 9. | 449 Mesozoic Weddell Basin | .34 |
| 10. | 452-Rev Antarctic Glacial History and SL change | .31 |
| 11. | 079 Mesozoic Somali Basin | .25 |
| 12. | 427 South Florida | .21 |
| 13. | 253 Ancestral Pacific | .21 |
| 14. | 444 Joban Margin | .13 |

Panel membership

- i) leaving in 95
 - Gregg Blake
 - John Armentrout - Mobil
 - Peter Thompson - Arco
 - Terry Quinn
- ii) Bob Carter
 - AusCan consortium selects replacement
- iii) Mark Leckie
 - Steve D'Hondt
 - Lowell Stott
 - Bill Sliter

• **Other items/Correspondence**

LRP

Crowley, Prell, Leckie, Moore, Kemp, Hodell asked to develop set of comments from OHP to send to LRP committee. Comments emailed on March 4 to Cardiff.

Southern Ocean Panel - Graham Jenkins

PCOM had received a letter from Graham Jenkins asking whether ODP would consider establishing a Southern Ocean Panel. PCOM was not in favour of the idea and asked OHP to respond to Jenkins. Loutit will respond to Jenkins letter outlining OHP's interest in facilitating planning for Southern Ocean drilling and that OHP has asked Moore, Prell and Crowley to monitor interest and to act as OHP's representatives in any planning initiatives in the area.

Drilling recovery in Tills

The panel noted the request by Barker to investigate techniques to improve recovery in tills. The panel recognised that ODP's record in this area was poor but were not hopeful that breakthroughs would be forthcoming by ODP in light of the reduction in engineering expenditure suggested for 1996.

• **Future meetings**

- i) Fall 95 Halifax, October 6-8 Tom Loutit to arrange local host
- ii) Spring 96, Hawaii, March 4-6. Host Brian Popp.

- What about College Station?
 - improve communication with engineering
- iii) Fall 96, Strasbourg, October. Host Anne Marie Karpoff